U.S. Department of Homeland Security

United States Coast Guard



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# MEMORANDUM

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From: C. M. Pak, CAPT

- To: J. M. Vojvodich, RADM DCMS-d
- Subj: INVESTIGATION INTO THE USE OF COAST GUARD HOUSING AT WEST CHOP LIGHT
- (a) Convening Order DTD Dec 2018 Ref: (b) Administrative Investigations Ma
  - (b) Administrative Investigations Manual, COMDTINST M5830.1A
  - (c) Safety and Environmental Health Manual, COMDTINST M5100.47B
  - (d) CG Housing Manual, COMDTINST M11101.13G
  - (e) Military Justice Manual, COMDTINST M5810.1F
  - (f) Manual for Courts-Martial, 2016 Ed.
  - (g) Civilian Personnel Actions: Disciplinary, Adverse, and Performance Based Actions, COMDTINST M12750.4A
  - (h) Base Cape Cod Housing Manual, BASECCINST M11101.1

1. Per references (a) and (b), I have conducted a Standard Investigation into the facts and circumstances surrounding the following: (1) the lead abatement and remediation of the Coast Guard housing at West Chop Light; (2) the process and circumstances surrounding its reactivation for use as government-owned family housing; and (3) the procedures used in selecting and assigning members to that housing, including any conditions and restrictions. In accordance with reference (a), no persons were designated as Parties to this investigation, and there is no recommendation to designate any Parties at the conclusion of this investigation. Access to witnesses and evidence was complicated by the furlough of civilian employees from 22 December 2018 to 28 January 2019. In addition, (b)(6) & (b)(7)(C) (former Base Cape Cod Local Housing Officer), CAPT Andrew Clyburn (former Base Cape Cod CO), (b)(6) & (b)(7)(C) (former CEU Providence Technical Director) were not immediately available for interview due to retirement. The requirements of the convening order have been met. (b)(6) & (b)(7)(C) (b)(6) & (b)(7)(C) and (b)(6) & (b)(7)(C) of the CG Legal Services Command (LSC) have also provided advice and assistance in accordance with reference (b).

2. Media interest in this investigation includes a local Martha's Vineyard newspaper and Freedom of Information Act requests have been received. Technical advice has been provided by (b)(6) & (b)(7)(C) and (b)(6) & (b)(7)(C) Labor Relations Specialists at CG-121,  $^{(b)(6) & (b)(7)(C)}$  (b)(6) & (b)(7)(C) Housing Management Specialist, Detached Duty PSC-PSD-fs-Housing, (b)(6) & (b)(7)(C) (b)(6) & (b)(7)(C) Housing Management Specialist PSC-PSD-fs, and CAPT Michael Boley, Deputy Chief Environmental Safety and Health Division, Health, Safety, Work, Life Service Center (HSWL SC).

3. In summary, the investigation concluded the following:

a. In 2015, CEU Providence executed a project to complete lead based paint (LBP) abatement and remediation of the living spaces in both West Chop family housing units. The project corrected "Action" and "Major" level findings as defined by Environmental Risk Assessment (ERA) standards identified in the 2012 Housing Inadequacy Report so that the living spaces had only "Monitor" level findings at the conclusion of construction. CEU did not complete, and did not intend to complete, abatement and remediation of the basements, soils, or exterior structures on the West Chop property which have "Action" and "Major Level" findings by ERA standards. CEU Providence's design decisions regarding abatement were driven by the 2012 Housing Inadequacy Report, consultant assessments, and their application of Coast Guard guidance concerning Housing Urban Development (HUD) and State of Massachusetts, and CERCLA standards depending on whether the houses were being retained or divested. Constraints for AFC43 and EC&R funding were also factors in the abatement decisions.

b. The exigency with which the West Chop housing was needed, the unsustainable costs of leased homes on Martha's Vineyard, and the opportunity for cost savings demonstrated in a business case analysis made reactivating the houses with a short term, AFC-43 project to abate the LBP the preferred solution over a long term, AC&I/PC&I project to construct new homes or purchasing homes with funds from the housing sale account.

c. Assignment and selection of Coast Guard members to the West Chop housing was based on guidance provided in reference (d) and (h) with preference for assignment being given to the STA Menemsha leadership. The high visibility location of the housing required that the occupants reflect positively on the Coast Guard and also was a primary factor. The existence of lead based paint contamination on the West Chop property was not considered.

### Findings of Fact

On 04 December 2018, the Health, Safety, and Work-Life Service Center, Safety and Environmental Health Division Detachment Boston (HSWL SC se-fo Det Boston), prepared a West Chop Lighthouse Housing - Lead Exposure Health Risk Assessment Report to document an assessment she performed at the site following a dependent's blood lead level exceeding prescribed standards. The assessment included a visual inspection of all the structures on the property, an interview with housing occupants, and dust paint, soil and water sampling. The assessment identified multiple structures on the property with deteriorating lead containing paint and lead contamination of the soil. HSWL SC se-fo Det Boston concluded "the conditions posed a high risk of lead exposure to residents and were the likely source of the Elevated Blood Lead Levels (EBLLs) in the dependent." The dependents' elevated blood lead levels were the catalyst for this investigation. (Exhibits 77, 78 and 86).

### Lead Abatement and Remediation of the Coast Guard Housing at West\_Chop Light

- In 1993, Civil Engineering Unit Providence (CEUP) executed a lead paint removal and encapsulation contract at the West Chop housing units on Martha's Vineyard. The work specified included encapsulating plaster and ceilings with new ½" thick gypsum board, stripping interior and exterior woodwork of LBP, and replacing the windows (Exhibits 1, 2, and 80)
- 2. On September 13, 2004, G-SEC (now CG-43) issued policy to the Shore Facility Program requiring Phase II assessments of lighthouse properties being considered for divestiture. The policy discussed the conditions for applying CERCLA or HUD standards depending on the status (residential or non-residential) of the lighthouse property to be divested. Under this policy, the housing at the West Chop Lighthouse property could be considered Target Housing "which requires abatement to a residential standard," and the "more rigorous HUD regulations" applied. (Exhibit 5).
- 3. Even though LBP sampling conducted by Franklin Analytical in 2004 suggested additional testing and abatement may have been warranted, no records or evidence suggested that further action was taken in the 2004-2012 timeframe.
- 4. On 10 July 2012, the Housing Tiger Team performed a condition assessment of the West Chop houses and on 24 August 2012, CG-13 declared the West Chop housing inadequate based on LBP findings and other deficiencies noted in the team's Inadequacy Declaration Report. (Exhibit 6 and 73).
- 5. When the West Chop houses were declared inadequate, CEU Providence began planning for an AFC-43 project to correct the deficiencies. (Exhibit 7)
- 6. The 2013 Environmental Compliance and Restoration (EC&R) project backlog records listed a project for soil remediation at the West Chop property. Prior to 2013, records were not available listing this project on the EC&R backlog. (Exhibit 8, 81)
- The FY14, 05 December 2012, C-POP Board Results listed the Repairs to Martha's Vineyard Housing (Project Number 01-5016288) as the top priority for the Mission Readiness Product Line. The project included the repairs to the West Chop housing deficiencies noted in the Inadequacy Declaration report along with repairs for other Martha's Vineyard housing units that were declared inadequate. (Exhibit 9)
- 8. On 7 January 2013, CEU Providence prepared a Project Development Submittal (PDS) to address the necessary repairs at the West Chop housing units. The overall purpose of the project was "to provide habitable residences for USCG families as defined by respective regulations for the Commonwealth of MA." The document stated the following: "the presence of lead paint... makes the buildings unacceptable for use by children under six and pregnant women." Additionally, "no future assignments can be made at these units until

the deficiencies identified in the (2012) Housing (In)adequacy report have been corrected." Regarding the presence of lead in the soil surrounding the buildings it stated, "Remediation would be required if the lead paint were to occur at locations where the soil is exposed for possible contact. Presently, there are no areas of bare soil at these two locations." (Exhibit 10).

- 9. The PDS for the project was endorsed by SILC (SMC) on 10 January 2013 and approved by COMDT (CG-438) on 6 February 2013 for execution with funds from lighthouse sales proceeds as provided by the National Historic Preservation act. (Exhibits 11, 12 and 13).
- 10. On 30 April 2013, CG-122 (now CG-133) noted the West Chop homes were being considered for divestiture and requested deferral of the repairs "until a review of all options including leasing of additional homes on Martha's Vineyard is complete." Given their request, the proposed repairs were suspended. (Exhibit 14).
- 11. On 05 May 2014, CG-43 forwarded a Decision Memo recommending the West Chop houses be divested. It discussed differences in remediation requirements for the houses based on whether the housing was being divested or retained for use by families. In paragraph 3.a, it stated, "The presence of Lead Based Paint (LBP) on the baseboards, doors, and window trim, as well as the plaster of some walls makes both buildings unacceptable for residential use by children under six and pregnant women." Then paragraph 3b stated, "Divestiture of the property would relieve the Coast Guard of the obligation to abate interior lead paint hazards, but remediation, "The Environmental Liability Project Documentation Sheet, dated 05 June 2012 estimated the cost of the required work to be on the order of \$1,215 for which EC&R funds (the only permissible source of funds) would be needed." (Exhibits 16 and 82).
- 12. In July 2014, CEU Providence contracted a licensed consultant to perform an LBP inspection and risk assessment for the two West Chop houses "to measure the extent of remaining lead hazards and determine if the properties are lead-safe." The consultant found, "With the exception of limited areas with minor LBP damage and some surfaces with elevated lead in dust levels, the housing units are near to a lead-safe condition. Even though many of the surfaces have LBP over the regulatory thresholds, the fact that they are in sound condition would render them lead-safe." With respect to the soils the consultant's Lead Inspection & Risk Assessment Report stated, "Although not an immediate hazard, levels of lead in soil over the acceptable thresholds were found around the perimeter of each house. The soil is currently not a hazard because of sufficient grass ground cover." (Exhibit 17).
- 13. In December 2014, CEU Providence prepared a PDS for AFC43 funds execution to repair and perform LBP abatement at the West Chop Housing. The project purpose was "to enable the Coast Guard to utilize these houses for personnel assigned to Station Menemsha including families with young children." Page 3 of the Request for Proposal (RFP), enclosed with the PDS, stated, "The lead abatement and control standards utilized for this project will be HUD standards, which are used by the Coast Guard and by other Federal

agencies." The scope of work addressed interior abatement (including scope items specific to both houses), exterior abatement, and final lead testing. The specifications and work requirements specified lead abatement products, and the submittals section required the contractor to submit a Lead Abatement Plan and Final Lead Testing Survey including a HUD standard survey. The RFP included the July 2014 Lead Inspection & Risk Assessment Report as a reference. The scope of work and PDS did not include any lead abatement of the basements, exterior soil, or other structures on the site. National Environmental Policy Act (NEPA) documentation was completed for the project and a Categorical Exclusion (CATEX) was issued. (Exhibits 18, 80, 83 and 84).

- 14. On 8 January 2015, SILC endorsed the PDS and on 11 February 2015, CG-438 approved the PDS and project for completion with OE funding. (Exhibits 19 and 20).
- 15. On 19 June 2015, a PDS update increased the project cost. (Exhibit 21).
- 16. On 14 April 2015 the contract to repair the West Chop houses was awarded to TANTARA Corporation. During the course of contract execution, a modification was issued for the contractor to perform additional abatement work that was not included in the company's bid due to misinterpretation of the contract documents. (Exhibits 22 and 23).
- 17. The contractor submitted a Lead Abatement Work Plan in accordance with the contract. (Exhibit 24).
- 18. The IO reviewed a random sample of contractor's daily construction reports, and the reports listed performance of abatement activities in both homes. Base Cape Cod Facilities Engineering (FE) conducted independent site visits and didn't observe any noteworthy discrepancies. (Exhibit 85).
- 19. On 2 December 2015 the contract was completed and on 11 December 2015, the contractor submitted documentation of final testing by a licensed lead inspector and risk assessor. The documentation concluded "properties are now in what could be characterized a lead-safe condition." (Exhibits 25 and 26).
- 20. In 2017, CEU Providence updated the Environmental Project Liability Sheet for the West Chop Light Soil remediation project and cost estimate on the EC&R backlog. (Exhibit 27).
- 21. On 22 August 2018, HSWL SC se-fo Det Boston assessed potential lead exposure sources at the West Chop lighthouse property after a dependent residing in one of the housing units tested for elevated blood lead levels (EBLLs) as part of a routine exam. The assessment included a visual assessment of all the structures on the property, an interview with housing occupants, and dust, paint, soil, and water sampling for lead analysis. The test results showed lead concentrations at the Action and Major findings level on the basement floors of both houses, in the Fog Signal Building, the Garage, the Paint and Oil Locker, and in the soil on the property. Dust wipe samples also revealed actionable concentrations of lead in the children's toy box in one of the bedrooms and on their outdoor toy water table. HSWL SC se-fo Det Boston concluded that the conditions posed a high risk of lead exposure to

residents and the deteriorating LBP dust in the basements, the soil, and the other structures on the site were the likely source of the EBLL in the dependents. (Exhibits 28 and 86).

### <u>Processes and Circumstances Surrounding the Reactivation of the West Chop Housing</u> <u>Units</u>

- 1. In the 2000's, one of the West Chop Housing units was diverted from the family housing inventory. On 6 May 2009, CG-1223 rescinded the diversion and returned it to the active housing inventory effective 1 July 2009. (Exhibit 30).
- 2. On 24 August 2012, CG-13 declared the West Chop housing inadequate based on LBP and other factors noted in the Housing Tiger Team Inadequacy Report. In total, 4 Martha's Vineyard Housing units were taken out of the family housing inventory. (Exhibit 31).
- 3. The FY14, 05 December 2012, C-POP Board Results listed the Repairs to Martha's Vineyard Housing (Project Number 01-5016288) as the top priority for the Mission Readiness Product Line. (Exhibit 32).
- 4. On 30 April 2013, CG-122 (now CG-133) requested deferral of the West Chop housing repairs "until a review of all options including leasing of additional homes on Martha's Vineyard is complete." Their memo stated they were considering "divestiture of these two homes due to their age, condition, and maintenance needs." (Exhibit 33).
- 5. In June 2013, CG-1223 (now CG-1333) performed an analysis of alternatives for housing on Martha's Vineyard and recommended acquisition of two long-term residential leases in West Chop if viable. CG-1223 presented the analysis in a white paper -Martha's Vineyard Family Housing Review of Alternatives to Renovate Existing, Purchase New, or Lease Family Housing- which concluded, "If it is viable, acquisition of two long-term residential leases is more economical than continued investment in West Chop Quarters and is the recommended alternative. If two leases cannot be acquired, a more detailed review of options to repair West Chop Quarters or build/acquire newer homes is recommended." (Exhibit 34).
- 6. On September 11, 2013 representatives from CG-1223, CG-43, PSC-PDS-fs, CEU Providence, Base Boston Area Housing (AHO), AIRSTA Cape Cod Local Housing (LHO), the CEU Oakland Housing Asset Line (HAL), Sector South Eastern New England (SENE) and STA Menemsha visited the two West Chop housing units. The group focused specifically on the housing units and did not evaluate the other structures or soil on the site. The trip report for the visit noted, "Area and local housing staff and the station OIC say that they either need these two homes renovated and put back in the family housing inventory or else they need two newer homes to replace West Chop Quarters 1 and 2. The 2011 HMSA (Housing Market Survey Analysis) says that the housing rental market on Martha's Vineyard is very tight, but that the economy may be able to accommodate a very small reduction in the Coast Guard's owned inventory. Discussion with CEU Providence and CG-43 real property staff suggest that it may be more economical to renovate these homes and continue to occupy

than it would be to remediate them, divest them through National Historic Light House Preservation Act authorities and acquire newer housing." (Exhibits 35, 87 and 88).

- 7. Between September 2013 and November 2013, e-mails exchanged between the Shore Facility Program and CG-1333 discussed preparation of a CG-43 decision memo that would recommend divestiture of the West Chop housing units if CG-1333 did not have the need for them. At CG-1333's request, PSC-PSD-fs performed a housing analysis and concluded nine housing units are needed on Martha's Vineyard. (Exhibits 36, 37 and 88).
- 8. In April 2014, e-mail is exchanged between D1(drm) and CG-1223 regarding the status of the West Chop Housing project deferral. In reference to the housing situation on Martha's Vineyard, CG-1223 stated "renovations to the remaining owned homes have been delayed and we now have 4 homes out of inventory. Base Boston has worked diligently to acquire leases as an interim measure, but they are hard to find and very expensive." (Exhibit 38).
- 9. On 5 May 2014, CG-43 submitted a Decision Memo to DCMS and CG11 recommending that the West Chop property be added to the Coast Guard's Five Year Shore Divestiture Plan for potential transfer under the National Historic Lighthouse Preservation Act and that two new homes be acquired using the Coast Guard direct purchase authority and funds from the housing sale account. On 16 June 2014, DCMS and CG-1 approved the CG-43 Decision Memo for West Chop divestiture. Comments included that "two new homes or a duplex is reasonable and the West Chop houses should be abated to be sold as offsets." CG-1's endorsement acknowledged that the long term lease costs on Martha's Vineyard are unsustainably high and requested that nine adequate homes be available for assignment by the end of 2015. (Exhibits 39 and 84).
- 10. From 30 April 2014 to 14 May 2014, e-mail is exchanged between Sector SENE, D1, AHO, CG-1333, CG-43, and CEU Providence with reference to the CG-43 Decision Memo. Sector SENE recommended to D1 retaining West Chop housing units and requested intervention from D1 to "stave off potential divestiture." Sector cited challenging (nearly impossible) search for housing meeting the Coast Guard's needs on the island. (Exhibit 40).
- 11. On 25 June 2014, D1 and Sector SENE visit Martha's Vineyard and the West Chop property. (Exhibit 41).
- 12. On 26 June 2014 Sector SENE requested a conference call with CEU Providence, Base Cape Cod Facilities Engineering (FE), and the AHO to discuss options at West Chop housing. The AHO's reply email on 27 June 2014 provided discussion points for the call including continued challenges in obtaining leases on Martha's Vineyard. The e-mail included a draft copy of the CG-43 Decision Memo as an attachment. (Exhibit 41).
- 13. On 2 July 2014, Sector SENE, AHO, CEU Providence, and Base Cape Cod FE hold an "alignment" conference call regarding housing challenges on Martha's Vineyard. According to the meeting minutes, CEU Providence discussed the lead abatement project completed at the West Chop houses in 1993 and that the cost to abate the houses now might be significantly less than initially thought. The minutes emphasized to strongly recommend not

to divest the West Chop units and renovate them instead. Discussion also included that families could be assigned to CG housing with lead paint if they are not pregnant and/or are six years of age or greater. CEU Providence then begins further study of how to proceed with West Chop Quarters 1 and 2. (Exhibits 42, 43 and 47).

- 14. In early September 2014, e-mails exchanged between CEU Providence and the AHO discussed support and market research needed to develop a Business Case Analysis (BCA) for the West Chop houses. The e-mail substantiated consistent occupancy of the West Chop housing up until the inadequacy declaration. (Exhibit 44).
- 15. On 16 October 2014, the AHO prepared a report presenting the results of an informal housing survey of the STA Menemsha members living on the economy with BAH. The survey "validated the continued need for government owned (both UPH and housing) on Martha's Vineyard." Several members indicated inadequate living conditions and arrangements including one living with 6 other people. Others mentioned faulty wiring, and water damage. The report noted several UPH rooms were offline due to being used for storage while the new STA Menemsha Boathouse was being constructed. (Exhibits 45 and 46).
- 16. On 17 October 2014, CEU Providence submitted a request to CG-1333 "to restore the West Chop Housing units to an adequacy standard and return them to the housing inventory until a more suitable and economical solution can be identified on Martha's Vineyard. The request included a BCA "to justify the need to repair the two West Chop Housing units in lieu of divestiture due to excessive lease costs and lack of available housing." The request pointed out, "Restoring the two West Chop housing units also provides more flexibility to the First Coast Guard District and Housing Management Office to best manage family needs and resolve the serious habitability issues recently identified among its single active duty members." The BCA compared the options to lease, purchase new, or remediate the existing housing. The cost benefit analysis demonstrated the renovation project for the West Chop Housing units was the most cost effective option over a 25-year period. Leasing two housing units on Martha's Vineyard was shown to be the least cost effective option. The BCA did not include costs to remediate the soils or other structures on the site. (Exhibits 48, 49 and 83).
- 17. On 21 October 2014 the HAL endorsed the Reactivation Request, but recommended an "AC&I solution be pursued to remedy the functional inadequacies within the Martha's Vineyard housing inventory." SILC also endorsed the request. (Exhibits 50, 51 and 89).
- On 4 February 2015, CG-43 endorsed the Reactivation Request and on 19 February 2015, CG-1333 approved the Reactivation Request and requested the renovation project be completed under the AFC-43 process and in time for assignment year 2016. (Exhibits 52, 53 and 87).
- 19. At the conclusion of the LBP abatement contract, the contractor submitted documentation of final testing by a licensed lead inspector and risk assessor from Environmental Lead Detection. The documentation concluded "the properties are now in what could be characterized a lead-safe condition." (Exhibit 25).

- 20. On 9 March 2016, the Base Boston Area Housing Authority (AHA) requested to rescind the inadequacy declaration at the West Chop Housing units. The request noted that "The homes still contain lead based paint and will require ongoing monitoring." The Environmental Lead Detection letter dated December 11, 2015 stating that "these properties are now in what could be characterized as a lead safe condition" is included as an enclosure. (Exhibits 54 and 90).
- 21. On 10 March 2016, PSC-PSD-fs endorsed the request noting that "both houses should be considered to have findings that require a monitoring level observation." On March 21, 2016 CG-13 rescinded the inadequacy declaration for the West Chop houses. (Exhibits 55 and 88).
- 22. In late March 2016, Area Housing works with CEU Providence to identify data required for entry in HMIS as a result of the completed abatement. (Exhibits 69).

### Procedures Used in Selecting and Assigning Members to Housing

- 1. According to reference (d) Chapter 1.C.4.d and e, the Local Housing Officer is delegated the responsibility to manage the housing program in accordance with policies, directives and instruction. The Housing Representative manages the housing program in their assigned AOR.
- 2. According to CH.1D of reference (h), family size, grade/rank, date of detachment from previous duty station and date application received generally determines the assignment to MH (military housing).
- 3. The Local Housing Office (LHO) received applications from the members prior to being assigned to the housing, but the applications are not fully populated in the housing office section showing the final determination of eligibility. Applications for only the OINCs were available in the records at the time of this report. (Exhibits 56 and 57).
- 4. Although per reference (d) and CG-1333 the West Chop housing units are not designated as Command Housing, the STA Menemsha senior leadership was historically assigned there with few exceptions. (Exhibits 61, 62, 63, 82, 85, 94 and 95).
- 5. The West Chop property is in a high visibility location on Martha's Vineyard and is occasionally visited by VIPs and photographers due to being co-located with the lighthouse. (Exhibits 85, 94 and 95).
- 6. Witness interviews conflict about the specific details of the selection process for the two West Chop Housing units after the completion of the abatement project. However, it can be concluded that representatives from the AHO, LHO, and STA Menemsha met in mid-March 2016 to put together an initial slate of assignments for all the Martha's Vineyard Housing that would be coming online that assignment season. It was decided that the STA Menemsha

OINC and XPO would be assigned to the West Chop units. (Exhibits 58, 59, 65, 85, 91 and 93).

- 7. At the time, the STA Menemsha OINC was amenable to moving from the CG leased housing he and his family were residing in to the West Chop housing. (Exhibit 93).
- 8. In the Request to Rescind the Inadequacy Declaration, the Area housing authority requested that the housing be used for family housing. The request does not ask for the housing to be converted for use by unaccompanied personnel. (Exhibits 64 and 65).
- 9. With respect to Environmental Risk Assessment (ERA) information, Chapter 4.G.6 of reference (d) discusses that "Housing officers must review, evaluate and update the ERA data in HMIS." Reference (c) provides additional guidance." (Reference (c) listed in the Housing Manual is the Coast Guard Claims and Litigation Manual. This should likely read reference (d) Coast Guard Safety and Health Manual.)
- 10. According to Ch1.J of reference (h), "the Coast Guard is required to notify residents who occupy pre-1981 Coast Guard owned housing of known or suspected asbestos, lead and radon environmental health hazards." The reference further explains the procedures for notifying the residents of known environmental health risks. Reference (h) does not restrict personnel who can be assigned to housing by environmental health risks.
- 11. Per Chapter 25. C.2.c of Reference (c), Responsibilities for Chief, Military Personnel Housing Division, Coast Guard members with "at risk" family members (small child or pregnant women) shall not be assigned to quarters that have Major or Action Level findings.
- 12. On 11 December 2015, the West Chop Housing units were declared by a licensed lead inspector to be in a lead safe condition. (Exhibit 68).
- 13. Records in HMIS did not indicate that LBP at the action or major level existed at the West Chop housing units. (Exhibits 91 and 92).

### Findings of Fact (Reports)

### Summary of Lead Based Paint Assessments, Testing, and Reports for the Coast Guard Housing at West Chop Light

1. The Coast Guard contracted for nationwide lead, asbestos and radon assessments of Coast Guard owned housing in the mid to late 1990's. "The primary components of the assessment involved asbestos and lead-based paint surveys of USCG family housing units. Additional testing was conducted for lead-in-water, -dust, and -soils at the housing units." The assessments were conducted by licensed inspectors. Records of this testing for the West Chop Housing units has not been found at the Base Cape Cod Housing office nor on the PSC-PSD-fs environmental assessment repository. (Exhibits 70, 92, 94 and 97).

- 2. On April 17, 2004, a licensed inspector from Franklin Analytical performed a lead inspection of the two West Chop Housing units. The Lead Inspection/Risk Assessment Reports provide X-Ray Fluorescence readings (XRF) of the architectural components of the houses and list if the surface tested was moveable/impacted (M/I), accessible/mouth-able (A/M), loose (L) or not accessible (NA). The report cover page notes "Pb (lead) equal to or greater than 1.0 mg/cm<sup>2</sup> with x-ray fluorescence is dangerous." Many surfaces in both houses have XRF readings greater than 1.0 mg/cm<sup>2</sup>. A few are also noted as M/I, A/M, or L. No contract or procurement records for this service were found, and no records further explaining the readings or recommending action items were found. No records were found that Franklin Analytical sent samples for laboratory analysis. No records were found that Franklin Analytical sampled the soil or other structures on the property for LBP. (Exhibits 71, 81, 94, 96 and 97).
- In 2007 CEUP contracted for Phase I/Phase II investigations for more than a dozen First District (D1) lighthouse properties considered for divestiture including West Chop. The Phase I Environmental Site Assessment (ESA) was to determine if Recognized Environmental Conditions (RECs) were present on the West Chop Light site. The Phase II Limited Site Investigation (LSI) was to sample for common contaminants at lighthouses including lead in soil. One REC was documented: "The historic use of lead-based paint on all structures within the USCG property represents a REC. Lead-based paint tends to chip from buildings in flakes which then causes elevated concentrations of lead within the surrounding soils." Results of the Phase II LSI indicated "the surface soil has been impacted by historic use of lead-based paint to an extent significantly above the U.S. Environmental Protection Agency (EPA) standards." The consultant recommended "additional investigation activities be conducted to fully delineate the extent of lead contamination from historic use of leadbased paint on all Site structures." The report revealed elevated concentrations of lead in the soil with results at the Major, Action and Monitor levels. No records were available demonstrating these results were transferred or communicated to the Housing Office at Base Boston or at AIRSTA/Base Cape Cod. (Exhibits 72, 81 and 91).
- 4. In July 2012, a Health Risk Assessment Report is prepared following the USCG Housing Tiger Team site assessment including representatives from SEHO, the HAL, CG-1223, AHO and LHO. The assessment is conducted on 10 July 2012. The West Chop units are 2 of 9 housing units visited on Martha's Vineyard and are part of a nationwide effort to develop a strategy for managing the Coast Guard's housing inventory. The report documented deficiencies noting paint "behind and/or on the radiators was deteriorated and flaking" in both units. Furthermore, in the West Chop 2 unit, the paint on the wall at the entrance leading to the basement was deteriorated." The 2004 Franklin Analytical test results were referenced. The report recommended that a lead-based paint risk assessor inspect the homes to determine the health risk to occupants and advise of appropriate corrective action. It also recommended that the AHO and LHO visually assess known lead and asbestos containing areas for disturbances annually. The assessment did not include the condition of the soils or the other structures on the site. (Exhibits 73 and 97).

- 5. In October 2012, the "Hazardous Building Material Inspection Report for West Chop 1&2" was prepared by H&S Environmental Consultants for CEU Providence. The purpose of the inspection was to identify and confirm the presence and/or absence of Asbestos Containing Materials (ACMs), Lead Containing Paints (LCPs), and Radon gases in preparation for possible site activities including renovation and/or demolition to the West Chop properties." A licensed lead inspector found building components that contained dangerous levels of lead." Furthermore, many surfaces were found to be M/I, A/M, or have loose/chipping/peeling/deteriorated. The report recommended the surfaces he replaced, covered in encapsulating paint, or made intact. The report did not include an assessment of the soils or the other structures on the property. (Exhibit 74).
- 6. In July 2014, Rhode Island Analytical prepared the West Chop 1/West Chop 2 LBP Inspection & Risk Assessment Report. The goal of the evaluation "was to measure the extent of remaining lead hazards to determine if the properties are lead safe." The inspection was performed by a Massachusetts Licensed Environmental Lead Inspector and Risk Assessor.
  The report's conclusion stated, "There are limited areas with minor to moderate LBP damage and some surfaces with elevated lead in dust levels. Even though the surfaces have LBP over the regulatory thresholds, the fact that they are in sound condition would render them lead safe. Also, "Although high levels of lead were detected around the perimeter of each house, the soil is currently not a hazard because of sufficient ground cover. As long as the covering remains in place, the soil will be considered lead-safe." The report included laboratory results for paint chip sampling, interior dust sampling and soil sampling. The report did not address the condition of other structures on the site. This report was e-mailed from CEU Providence to the AHO on 25 January 2016 and as part of larger attachment of test results and scopes of work. (Exhibits 69, 75, 79 and 80).
- 7. On December 11, 2013 Environmental Lead Detection prepared a report to the contractor that "on August 3, 2015 a licensed Inspector/Risk Assessor had visually surveyed the lead abatement work conducted at the West Chop houses and it was determined that all surface treatments had been satisfactorily completed as detailed in the Lead Abatement Work Plan." On Octoher 21, 2015 and again on October 27, 2015 the inspector conducted post abatement clearance dust wipe sampling. The letter concluded, "These properties are now in what could be characterized as a lead safe condition. In order that this lead safe condition be maintained, surfaces that were covered as an abatement method must remain covered." The letter does not address the other structures on the site or the soils. The letter is included with the request to rescind CG-13's inadequacy report so is seen by many. (Exhibit 76).

**Opinions** 



# (b)(5)

(b)(5)

(b)(5)

(b)(5)

This investigation is closed unless otherwise ordered. If additional information is required, please contact me at  $\binom{(b)(6) \& (b)(7)(C)}{and}$  (b)(6) & (b)(7)(C)

#

Exhibits:

(1) Project Drawings: Lead Paint Removal & Miscellaneous Work at Light Keepers Quarters, West Chop, MA

(2) Meeting Minutes: Conference Call – CG Housing on Martha's Vineyard 2 July 2014

(3) Not used (4) Not used

(5) G-SEC Memo 05090 of 13 Sep 2004 (Lighthouse Property Divestiture Policy)

(6) CG-13 Memo 11101 of 24 Aug 2012 (D1 Housing Inadequacy Declaration) (7) E-mail between (b)(6) & (b)(7)(C) (CGD ONE (drm)) and (b)(6) & (b)(7)(C) CGD ONE (dm) and trailing e-mails.

(8) U.S. Coast Guard Restoration Project Work 2013 E-POP (Environmental Compliance & Restoration) Spend Plan

(9) CG SILC Memo 11000 of 9 Jan 2013 (2014 AFC-43 C-POP Results)

(10) CG CEU Providence Memo 11000 of 07 Jan 2013 (Project Development Submittal West Chop Housing Units)

(11) CG SMC Memo 11000 10 Jan 2013 (PDS Endorsement)

(12) CG-438 Memo 11000 of 6 Feb 2013 (PDS Approval)

(13) E-mail between (b)(6) & (b)(7)(C)(CG-438) and (b)(6) & (b)(7)(C)(CG SILC) of 30 Jan

2013 (Project execution with lighthouse funds)

(14) CG-122 Memo 11101 of 30 Apr 13 (CG-122 Deferral Request)

(15) Not used

(16) CG-43 Memo 11000 of 05 May 2014 (CG-43 Decision Memo)

(17) West Chop 1/West Chop 2 LBP Inspection & Risk Assessment Report (excerpt) (18) CG CEU Providence Memo 11000 of 02 Dec 2014 (excerpt) (Project Development Submittal)

(19) CG SILC end 11000 of 08 Jan 2015 (PDS Endorsement)

(20) CG-438 Memo 11000 of 11 Feb 2015 (PDS Endorsement)

(21) CG CEU Providence Memo 11000 of 19 Jun 2015 (PDS Update)

(22) CG CEU Providence Ltr 4280 of 14 Apr 2015 (Contract Award)

(23) Modification 0001 Scope of Services for Repair West Chop Housing – Martha's

Vineyard and Amendment of Solicitation/Modification of Contract

(24) Lead Abatement Work Plan

(25) Environmental Lead Detection Ltr of 11 Dec 2015

(26) CGBI Project Detail Report: Repair West Chop Housing

(27) Real Property Environmental Liability Project Documentation Sheet

(28) CG HSWL SC (se-fo) Det Boston Memo 5100 of 04 Dec 2018 (West Chop Lead

Exposure Health Risk Assessment and Test Results)

(29) Not Used

(30) CG-1223 Memo 11101 of 06 May 2009 (Rescind Diversion of Government Housing)

(31) CG-13 Memo 11101 of 24 Aug 2012 (D1 Housing Inadequacy Declaration)

(32) CG SILC Memo 11000 of 9 Jan 2013 (2014 AFC-43 C-POP Results)

(33) CG-122 Memo 11101 of 30 Apr 13 (CG-122 Deferral Request)

(34) Martha's Vineyard Family Housing: Review of Alternatives to Renovate Existing, Purchase New, or Lease Family Housing

(35) Trip Report 9-12 September 2013 (36) E-mail between<sup>(b)(6) & (b)(7)(C)</sup>(PSC-PSD-fs) and (b)(6) & (b)(7)(C)(CG-1223) of 20 Nov 2013

(37) Table A - Housing Requirements Analysis - STA Menemsha 21 Oct 2013

(38) E-mail between (b)(6) & (b)(7)(C)(CG-1223) and (b)(6) & (b)(7)(C)(CGD One (drm)) documenting difficulty finding leases

(39) CG-43 Memo 11000 of 05 May 2014 (CG-43 Decision Memo)

(40) E-mail between CAPT Regan and CAPT Kondratowicz (Sector SENE) of 14 May

2014 documenting challenging housing situation (41) E-mail between (b)(6) & (b)(7)(C) (CG Base Boston Housing) and CAPT Kondratowicz (Sector SENE) and (b)(6) & (b)(7)(C) (CEU Providence) of 27 Jun 2014 and trailing e-mails documenting D1 visit to West Chop and challenging housing situation)

(42) Meeting Minutes: Conference Call CG Housing on Martha's Vineyard 2 July 2014
 (43) E-mail between <sup>(b)(6) & (b)(7)(C)</sup> (CG Sector SENE) and Meeting attendees of 3 Jul

2014 forwarding the conference call meeting minutes

(44) E-mail between (b)(6) & (b)(7)(C)(CG Base Boston Housing) and (b)(6) & (b)(7)(C) (CEU Providence) of 03 Sep 2014 and trailing e-mails requesting BCA supporting information.

(45) E-mail between (b)(6) & (b)(7)(C) (CG Base Boston Housing) and (b)(6) & (b)(7)(C) (CG Base Cape Cod Housing) and (b)(6) & (b)(7)(C)(STA Menemsha) of 16 Oct 2014

(46) Martha's Vineyard Housing Survey

(47) AFC43 Project/Real Property Update "Coast Guard Housing Martha's Vineyard, MA)

(48) Business Case Analysis Coast Guard Housing Martha's Vineyard, MA

(49) CG CEU Providence Memo 11010 of 17 Oct 14 (Request to Reactivate the West Chop Housing

(50) CG CEU Oakland end 11010 of 21 Oct 2014 (Reactivation Request Endorsement) (51) CG SILC end 11010 of 27 Oct 2014 (Reactivation Request Endorsement)

(52) CG-43 Memo 11010 of 04 Feb 2015 (Reactivation Request Endorsement)

(53) CG-1333 Memo 11010 of 19 Feb 2015 (Reactivation Request Approval)

(54) CG Base Boston Memo 11101 of 09 Mar 2016 (Request to Rescind Inadequacy Declaration)

(55) CG-13 Memo of 21 March 2016 and CG PSC-PSD-fs end 11101 of 10 Mar 2016 (Endorsement and Approval of Request to Rescind Inadequacy Declaration)

(56) Form CG-5267 submitted 18 Dec 2013

(57) DD Form 1746 submitted 04 Dec 2017 (58) E-mail between (b)(6) & (b)(7)(C) (CG Base Cape Cod Housing) and CAPT Pak (CG-DOL) of 05 Mar 2019

(59) É-mail between CAPT Millican (Base Boston) and (b)(6) & (b)(7)(C)(CGD One) of 01 Mar 2016

(60) Not used

(61) E-mail between (b)(6) & (b)(7)(C) (CG Base Cape Cod Housing) and CAPT Pak (CG-DOL) of 01 Mar 2019 regarding command housing designations

(62) E-mail between (b)(6) & (b)(7)(C)(CG-1333) and CAPT Pak (CG-DOL) of 28 Feb 2019 regarding command housing designations

(63) CG Designated Command Housing

(64) CG Base Boston Memo 11101 of 09 Mar 2016 (Request to Rescind Inadequacy Declaration)

(65) CG-13 Memo of 21 March 2016 and CG PSC-PSD-fs end 11101 of 10 Mar 2016 (Endorsements)

(66) Not used

(67) Not used

(68) Environmental Lead Detection Ltr of 11 Dec 2015 (69) E-mail between <sup>(b)(6)</sup> & <sup>(b)(7)(C)</sup>(CEU Providence) and <sup>(b)(6)</sup> & <sup>(b)(7)(C)</sup>(Base Cape Cod Housing) and E-mail between <sup>(b)(6)</sup> & <sup>(b)(7)(C)</sup>(Base Cape Cod Housing) and <sup>(b)(6)</sup> & <sup>(b)(7)(C)</sup>(C) (BASE Boston Housing) regarding HMIS updates

(70) Lead, Asbestos, & Radon Assessment Report No. 18 of February 1997 (excerpt) and Lead, Asbestos, & Radon Assessment Report #49 of May 1999

(71) Lead Inspection/Risk Assessment Report by Franklin Analytical Services 13 Apr 2004

(72) Phase I/II Environmental Site Assessment Report West Chop Light March 2008

(73) CG HSWL SC (se-fo) Det Boston Memo 5100 of 11 Aug 2012

(74) Hazardous Building Material Inspection report for West Chop 1 & 2 October 2012

(75) Rhode Island Analytical West Chop 1/West Chop 2 LBP Inspection & Risk

Assessment Report 31 Jul 2014

(76) Environmental Lead Detection Ltr of 11 Dec 2015

(77) CG HSWL SC (se-fo) Det Boston Memo 5100 of 04 Dec 2018 (West Chop Lead Exposure Health Risk Assessment)

(78) EMSL Analytical Inc. Test Report 22 Aug 2018 (79) E-mail between (b)(6) & (b)(7)(C) (CG Base Cape Cod Housing) and CAPT Pak (CG-DOL) of 05 Mar 2019

(80) Summary of Interview –	D)(D) & (D)(T)(C)
(81) Summary of Interview	(b)(6) & (b)(7)(C)
(82) Summary of Interview –	CAPT Smith II
(83) Summary of Interview -	CAPT Roschel
(84) Summary of Interview –	D)(0) & (D)(7)(C)
(85) Summary of Interview –	(b)(6) & (b)(7)(C)
(86) Summary of Interview	$(b)(b) \otimes (b)(7)(C)$
(87) Summary of Interview –	(b)(b) & (b)(7)(C)
(88) Summary of Interview	(b)(6) & (b)(7)(C)
(89) Summary of Interview $-6$	CAPT Gesele
(90) Summary of Interview –	CAPT Millican
(91) Summary of Interview –	D)(6) & (D)(7)(C)
(92) Summary of Interview	(D)(O) & (D)(7)(C)
(93) Summary of Interview	(b)(6) & (b)(7)(C)
(94) Summary of Interview –	(b)(6) & (b)(7)(C)
(95) Summary of Interview –	(b)(6) & (b)(7)(C)
(96) Summary of Interview	(b)(b) & (b)(7)(C)
(97) Summary of Interview	u)(b) & (b)(7)(C)

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# West Chop Light Housing Investigation

# Exhibit (2)

Withheld all 3 pages under FOIA Exemptions 5, 6, & 7(C)

# West Chop Light Housing Investigation

# Exhibit (3) Not Used

# West Chop Light Housing Investigation

# Exhibit (4) Not Used

U.S. Department of Homeland Security

United States Coast Guard



Commandant United States Coast Guard 2100 Second Street, S.W. Washington, DC 20593-0001 Staff Symbol: G-SEC-3 Phone: (b)(6) & (b)(7)(C) Fax: (202) 267.4219 Email: (b)(6) & (b)(7)(C)

05090 SEP 1 3 2004

## MEMORANDUM

From:

Josef Mante APT Jay Manik G-SEC

Reply to Attn of:

(b)(6) & (b)(7)(C)

To: Distribution

Subj: LIGHTHOUSE PROPERTY DIVESTITURE POLICY: PHASE 2 ENVIRONMENTAL SITE ASSESSMENT REQUIREMENT

Ref: (a) CERCLA 120 (h) (42 U.S.C. § 9620(h)) (b) Real Property Asset Management Manual, COMDTINST M11011.10

1. Knowledge of the Coast Guard's past practices of blasting and/or using solvents to remove lead based paint (LBP) from exterior surfaces of lighthouse structures suggests the likelihood of a release of lead to the surrounding soil. Consequently, it shall be Coast Guard policy to conduct Phase II level soil sampling to determine whether actionable levels of CERCLA/TSCA substances exist in the soil of lighthouse properties being reported excess to GSA or otherwise transferred from the Coast Guard inventory.

2. If contaminated by CERCLA/TSCA substances, and if the property is to be conveyed to a non-Federal entity, the Coast Guard shall remediate the contamination using EC&R funds or, in coordination with the disposal agency,<sup>1</sup> establish an acceptable land use control (*e.g.*, deed restriction) that is protective of human health and the environment. In the case of the property's transfer to another Federal agency, CERCLA is not triggered and the extent of any remediation is then a matter of negotiation between the Coast Guard and the transferce agency. Of course, if the other agency agrees, the Coast Guard may transfer the property "as is."

3. Because we have institutional knowledge of past maintenance practices at lighthouse properties, the Coast Guard must conduct a Phase II sampling of all lighthouse properties being reported as excess property to GSA unless there is clear evidence that no releases of contaminants has taken place. Lighthouses located upon submerged lands or upland terrain that has no soil are exempt from this Phase II requirement.

4. Guidance in the form of a decision tree is attached in the event that contamination is found. Options include land use controls mandated via deed restrictions (in coordination with the

<sup>&</sup>lt;sup>1</sup> Per a memorandum issued on 16 October 1998, GSA concluded that landholding agencies do not have authority to encumber the title to land under their administrative control with restrictive covenants, such as land-use restrictions, and that only GSA could take such an action. An exception occurs when the landholding agency has statutory authority to act as a real property disposal agency (usually in regard to a specific property)—under those circumstances, the DHS/Coast Guard may encumber the property's title with a restrictive covenant.

disposal agency); transfer to another federal entity who undertakes remediation; remediation before transfer by the Coast Guard; or, use of the reference (a) early transfer authority, that allows conveyance of contaminated property, with future cleanup to be paid directly by the Coast Guard.

5. Questions have been raised whether certain lighthouse properties can be characterized as residential properties. Such a status would make the property subject to the more rigorous HUD regulations, if such property can be further characterized as target housing (see subsection II.E., chapter 3 of reference (b), which is available on-line at <a href="http://cgweb.uscg.mil/g-c/g-ccs/g-cit/g-cim/directives/CIM/CIM\_11011\_10.pdf">http://cgweb.uscg.mil/g-c/g-ccs/g-cit/g-cim/directives/CIM/CIM\_11011\_10.pdf</a>). Target housing requires abatement to a residential standard. It shall be Coast Guard policy to consider all lighthouse properties as non-residential properties, unless the lighthouse property, or a part thereof, falls within either of the following categories:

a. the property, or a part thereof, is used as military family housing, a primary or elementary school, or child daycare/development center on the date that the Coast Guard reported the property excess to GSA or otherwise conveyed or transferred the property; or

b. the property will be transferred to another armed service under Title 10, United States Code, and that property, or a part thereof, will be used by the other service as military family housing, a primary or elementary school, or child daycare/development center (the primary responsibility for abatement in this case can be imposed upon the transferee agency).

#

Enclosures: (1) LPB Sampling Decision Tree

Dist: MLC LANT (l), (s) MLC PAC (l), (s) CEU Cleveland CEU Honolulu CEU Juneau CEU Miami CEU Oakland CEU Providence

2



Enclosure (1)

U.S. Department of Homeland Security United States Coast Guard

Commandant United States Coast Guard 2100 2<sup>IIII</sup> Street S.W. Stop 7801 Washington, DC 20593-7801 Staff Symbol: CG-13 Phone: (202) 475-5420 Fax: (202) 475-5940

11101

AUG 2 4 2012

# MEMORANDUM From: S.E. Day, RADM Acting COMDT (CG-13)

Reply to CG-122 Attn of: CAPT Prestidge (202) 475-5360

To: CGD ONE

Subj: DECLARATION OF INADEQUATE QUARTERS

Ref: (a) Excerpts from Housing Adequacy Report of 13 Aug 2012

1. Based on the findings reported in reference (a), 20 housing units located in the First District were determined inadequate for occupancy. These units include:

- a. Four units in Martha's Vineyard, MA (West Chop Light Units 1 and 2, 33 Bernard Circle and 62 Pontiac Street)
- b. All 15 units in Bedford, MA
- c. One UPH unit in Jonesport, ME (9 Ferry Street)
- 2. This inadequate declaration is based in part on the following factors:
  - a. Martha's Vineyard homes: Lead based paint deterioration, moisture/mold/mildew problems in basements and living spaces, deficient wiring, and foundation settlement.
  - b. Bedford homes: Lead solder in water pipes, mold/moisture/mildew, generally poor physical condition and outdated fixtures and finishes.
  - c. Jonesport UPH: Foundation settlement, moisture infiltration in basement, rotten windows and exterior finishes, generally poor physical condition and outdated fixtures and finishes.

3. Three of the aforementioned homes are currently occupied. Residents must be relocated to alternate housing at government expense. The local housing office is authorized to acquire Coast Guard leased housing for members unable to find acceptable alternative housing.

## 11101 AUG 2 4 2012

4. No future assignments shall be made to the houses identified in paragraph 1 until this declaration is rescinded. CG BASE Boston may request this declaration be rescinded by submitting a written request to CG-13 after the habitability deficiencies identified in reference (a) have been corrected.

#

Copy: CG-4 CG PSC-psd CG DOL CG SILC CG CEU Oakland CG BASE Boston

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# Martha's Vineyard, MA

station housing needs. Four houses are located in Oak Bluffs, MA and five houses are located in Vineyard Haven, MA. A HMSA conducted in Station Menemsha has 9 houses in the local community to support November 2011 demonstrated a need to maintain housing for the forecasted future to support this station.

has been updated to reflect discrepancies that have been corrected and newly discovered at the time of the tiger team visit. The net result after projects that have addressed some of the discrepancies. The report Assessment, the housing maintenance staff has completed local the updates is that units remain in the top tier for investment. Since the October 2011 visit as part of the National Housing

(b)(6) & (b) (7)(C) agreed that all of the units need investment at the soonest opportunity. After a thorough investigation, the team reached a occupancy by Coast Guard personnel. All of the team members also On 10 July the tiger team visited the housing site. The members and unanimous decision that four of these units are not adequate for (b)(6) & (b)(7)(C) (leader), Mission Support (b)(6) & (b)(7)(C) included



# Martha's Vineyard, MA

general malaise with these housing units. A full understanding of the adequacy of these units cannot be determined by this In addition to the level 1 discrepancies below, there are 24 other level 2 and 3 discrepancies that contribute to the desktop review.

The tiger team conducted a thorough evaluation of the units: discrepancies will be developed for insertion to the FY13 Cactions at one units could occur rapidly enough to keep the moisture issues, environmental concerns, size issues, and overall condition. 2 families would be displaced, corrective Of 9 units, 5 units were determined to be adequate and 4 units recommended as inadequate based on foundation family in the unit. A project to invest in correcting the POP or presentation to the FY14 C-POP.

Level 1 Findings

Standard Description	condition	tion	ure	ion	kset	ocation	CI	
	Exterior window	Foundation condi	Foundation moist	CO detector locat	Exterior door loch	Smoke detector lo	Laundry sink GFG	Roofleaking
Rating	RED	RED	RED	RED	RED	RED	AMBER	AMBER



Internal CG Use Only | National Housing Assessment | A



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been impacted. Additionally the entire house should be thoroughly evaluated against the original report to ensure that all LBP is intact. Significant electrical issues were discovered and immediately repaired by the local housing West Chop Unit 1, Housing Unit (HU) #G010365, Real Property Unique Identifier (RPUID) #7598. The team areas be immediately repaired encapsulating the LBP and the occupants be tested to ensure that they have not areas in the basement and the areas directly behind the heating radiators. The team recommends that these found damaged Lead Based Paint (LBP) areas. During the inspection these areas appeared to be isolated to staff that included melting of wiring. The electrical system needs to be brought up to current codes. . ອ

b. West Chop Unit 2, HU #G010366, RPUID #7600. The primary reason for the determination of inadequacy is environmental issues concerning LBP. There are several areas that have widespread damaged LBP throughout the house that should be remediated and encapsulated prior to occupancy. Similar electrical system to unit number1, thus it is recommended that the electrical systems needs to be brought up to current codes. c. 62 Pontiac Street, HU #G010349, RPUID #7739. The level 1 issues, noted in the attached, have a significant mildew issues. The level 1 issues, coupled with the significant number of lesser issues, lead to recommending enough to safety and quality of life in this housing unit. These issues include the window condition, mold and this unit as inadequate.

therefore the occupants are living below their bedroom requirement. Foundation moisture issues are prevalent creating air quality concerns. Foundation cracking is significant. Small oil leak or spill needs cleaned up and d. <u>33 Bernard Circle, HU #G010355, RPUID #7735</u>. One bedroom is below the minimum size standard; monitored to ensure that it is not a leak.

# Further Recommendations.

(1) The team recommends significant investment in all housing at Martha's Vineyard to correct as many of the discrepancies as practicable.

Recommend the Bernard Circle house be considered a two bedroom house. (2)
## Bedford, MA

The tiger team conducted a thorough evaluation of the units: Of 15 units, all 15 were recommended as inadequate based currently vacant and no families will be displaced. A HMSA business case has been developed to divest these houses on environmental concerns and overall condition. All are exists for the area showing these are not needed and a and is being routed for approval.





Internal CG Use Only | National Housing Assessment | Adequacy Determinations | 12 July 2012

# Jonesport, ME

It is recommended that these units be evaluated for adequacy recommended, based upon the evaluation of the sites, a CEU Providence structural engineer conduct a thorough evaluation foundation system and supporting beams and columns. or possibly be considered two bedroom units. It is also of the 9 Ferry Street unit to evaluate the safety of the

Level 1 Findings case to divest this single house will be developed. Due to their of the foundation, environmental issues, and overall condition. unit recommended as inadequate based the structural safety The tiger team conducted a thorough evaluation of the units: construction, the building envelops of the remaining houses Of 12 units, 11 units were determined to be adequate and 1 are not worth rehabilitating and the asset line and housing This will displace 4 unaccompanied members. A business staffs will work with the CEU to seek FY14 AC&I funds recapitalize this housing.



Internal CG Use Only | National Housing Assessment | A MRF



Rating	Standard Description
<b>ED</b>	Significant moisture infiltration through the foundation
tED	Overall size of the housing unit
tED	Location and installation of smoke detectors
(ED	Structural condition of floors and roof
LED	Settlement, cracking, and unevenness in the foundation
MBER	HVAC control system and distribution
MBER	Exterior wall cracking and damage

### West Chop Light Housing Investigation

## Exhibit (7)

Withheld all 2 pages under FOIA Exemptions 5, 6, & 7(C)



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U.S. Department of Homeland Security

United States Coast Guard



Commander United States Coast Guard Shore Infrastructure Logistics Center 300 East Main Street, Suite 800 Norfolk, VA 23510-9104 Staff symbol: (esd) Phone: (b)(6) & (b)(7)(C) Fax: (757) 628-4322

11000 JAN 9 2013

MEMORANDUM J. M. HEINZ, CAPT From CG SILC To: Distribution

Reply to (b)(6) & (b)(7)(C) Attn of:

Subj: FY14 CENTRALIZED AFC-43 PROJECT PRIORITIZATION BOARD RESULTS

Ref: (a) AFC-43 Centralized Planned Obligation Prioritization (C-POP) Process Guide, SILC-36-11 21 24 31-10/20110222

1. Thank you for your participation during the Centralized Planned Obligation Prioritization (C-POP) Board for the FY14 AFC43 program. The C-POP Board was held December 4-5, 2012; the process followed the procedures identified in reference (a).

2. Enclosures (1), (2), (3), and (4) are the FY14 AFC43 C-POP Board results for the Tactical Operations, Strategic Operations, Mission Readiness, and Mission Support Product Lines, respectively. Enclosure (5) is the CPOP distribution broken down by Product Line, project driver, and Tier.

3. CEUs and HQFEs shall begin designing the listed projects in preparation to make awards as early as possible in FY14, striving for  $1^{st}/2^{nd}$  quarter awards. The Insert C-POP meeting to be conducted in June, 2013, will afford an opportunity to review the approved lists to ensure that projects are on track for award and to identify any emerging requirements that may need to be considered for action in FY14. While the lists may be adjusted at the Insert C-POP meeting, the objective will be to minimize changes to enable efficient and effective delivery of these requirements.

4. This C-POP meeting continued to build on the Product Line and Asset Line responsibilities. This approach aligns with the Product Line Management cornerstone of the Coast Guard's Business Model and yields an enhanced enterprise-wide view of facility maintenance needs. Input from District and Area Planners and the Headquarters Unit Facility Engineers in the development of the Product Line priorities was critical to insure operational impacts of the proposed projects were fully understood and presented by the Product Line Managers.

5. The panel used the Product line priorities as a starting point in their deliberations. The panel developed the approved lists by reviewing and discussing the projects recommended by the Product Line Managers, the category 2 projects prioritized in the FY13 AFC43 lists, and the remaining unprioritized projects. This C-POP meeting varied from previous sessions by not creating a category 2 on the FY14 AFC43 project lists. This decision was based on the understanding that category 2 did not necessarily guarantee a project to be prioritized for the next fiscal year and that the FY+1 list is created far enough in advance of any budget forecasts.

#### Subj: FY14 CENTRALIZED AFC-43 PROJECT PRIORITIZATION BOARD RESULTS

6. During deliberations, the costs for a few projects were modified to either phase the project or more accurately define project cost:

- a. TRACEN Petaluma Renovate H-Complex Phase II: Project cost reduced from \$1.9M to \$1M to phase the project further.
- b. Base Seattle Piers 36A, 26B, and 37 Structural Repairs: Project cost reduced from \$2.3M to \$2.1M to more accurately define scope of work.

7. The following projects were approved for local execution, pending funds availability without centralized funding. The indicated estimates should be viewed as not to exceed amounts and funding in excess of these would require additional SILC approval.

- a. STA Annapolis Construct Boat Ramp: This is a \$200K improvement project to construct a new boat ramp. Scope of this project should be reviewed to determine compliance with COMDTNOTE 11010 dated 02 Nov 2012.
- b. CG Academy Install Security Locks on Exterior Doors: This is a \$475K alteration project to install electronic locks on all exterior doors of Chase Hall, cadet/officer candidate barracks.
- c. Base Kodiak Construct Fire Training Facility: This is a \$650K improvement project to construct a firefighting training facility to meet the requirements for the local fire department.
- d. STA Grays Harbor New WPB Shore Tie: This is a \$200K improvement project to install new 440 VAC, 3-phase, 100 amp electrical service at STA Grays Harbor which is frequent mid-patrol stop for 9 D13 WPBs.
- e. STA Yaquina Bay New WPB Shore Tie: This is a \$200K improvement project to install new 440 VAC, 3 phase, 100 amp electrical service at STA Yaquina Bay which is frequent mid-patrol stop for 9 D13 WPBs.
- f. AIRSTA Clearwater Construct New Fuel Farm Lab: This is a \$250K compliance project to upgrade the fuel farm trailer at AirSta Clearwater by adding fuel testing equipment, cross-ventilation, eyewash station, grounding straps and a sink in order to meet the requirements of the CG Aviation Fuel Handling Procedures Process Guide.
- 8. A number of projects proposed for central funding involve requirements that have pending cross-program review and concurrence at headquarters. CG-43 has initiated a number of teams to develop standards to resolve the issues identified below. These projects will be considered for centralized funding as corporate support requirements are defined:
  - a. Small Arms Firing Ranges: These projects will be revisited in the spring when the requirements have been better defined by the Team.

#### Subj: FY14 CENTRALIZED AFC-43 PROJECT PRIORITIZATION BOARD RESULTS

Tactical Operations Product line Manager will work with servicing CEU to determine if the project satisfies these criteria. If so, it should be submitted to the Centralized Configuration Board (CCB) for approval for local execution without centralized funding.

c. TISCOM – Upgrade Power and Install HVAC in Shipping & Receiving: Unit FE will research requirements for equipment storage. Once requirements are clearly defined, this project should be submitted to the CCB for approval for local execution without centralized funding.

9. I appreciate your engagement during the execution of the AFC43 prioritization process. My staff will use lessons learned and the feedback you provided to continue to streamline our process.

10. My point of contact for the AFC43 C-POP process is (b)(6) & (b)(7)(C) at  $^{(b)(6) \& (b)(7)(C)}$ 

Distribution COMDT (CG-43), (CG-7412), (DCMS-8) CG PACAREA (PAC-8) CG LANTAREA (LANT-8) CG CEU Oakland CG CEU Honolulu CG CEU Honolulu CG CEU Juneau CG CEU Leveland CG CEU Cleveland CG CEU Miami CG CEU Providence CGD ONE (dcs) CGD FIVE (dcs) CGD SEVEN (dcs) CGD EIGHT (dcs) CGD NINE (dcs) #

CGD ELEVEN (dcs) CGD THIRTEEN (dcs) CGD FOURTEEN (dcs) CGD SEVENTEEN (dcs) CG Academy CG TRACEN Petaluma CG TRACEN Cape May CG TRACEN Yorktown CG Yard CG FDCC CG TISCOM CG ATC Mobile FY14 AFC43 05DEC 2012 C-POP Board Results

# FY14 AFC43 MISSION READINESS PROJECTS:

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	Asset Line	HSG	HSG	HSG	HSG	HSG	HSG	HSG	HSG	HSG	HSG	HSG	TRNG	HSG	
	Project Driver	Μ	А	ω	Μ	Σ	Μ	Μ	Μ	W	Μ	Μ	Μ	A	
	Total Cost Est \$	\$1,295,000	\$480,000	\$1,500,000	\$1,500,000	\$1,000,000	\$1,500,000	\$1,500,000	\$915,000	\$750,000	\$1,000,000	\$800,000	\$1,000,000	\$1,000,000	611 710 000
Project Information	Project Description	Repairs to Martha's Vineyard Housing	Sealed Combustion Hot Water Heaters (48 each)	Novato Hsg Electrical Upgrades Phase 2 of 4- Upgrade each housing unit to residential standard 100 amp breakers. Re-wire residences to include a ground circuit. Install individual electric meters.	HSG/Lake Louise Duplexes Exterior and Drainage	HSG REHAB 1952 LGH Units	Housing Unit Renovations	Housing Unit Renovations	REHAB LAFAYETTE Bldg Envelope	BEQ Water Distribution System	UPH Renovations	UPH Mid-Life Rehab	RENOVATE H-COMPLEX (PHASE II)	Base Alameda Barracks - Renovate Barracks. Reconfigure barracks rooms and update to 21st century DoD "one plus one" standard. Reconfigure heating and electrical systems to accommodate new building layout. Install energy efficient lighting. Repair and replace interior finishes as necessary.	FY14 AFC43 MISSION READINESS
	Benefitting / Tenant Unit Name	AirSta Cape Cod	TRACEN Cape May	Base Alameda / Novato Housing	BASE KODIAK	<b>BASE KODIAK</b>	AIR STATION BORINQUEN	SECTOR SAN JUAN	TRACEN YORKTOWN	Base Honolulu	<b>BASE MIAMI BEACH</b>	TRACEN Cape May	CG TRACEN PETALUMA	Base Alameda	
	Project Number	5016288	5047494	5040933	3578866	2556777	4368977	4362765	4315363	2039736	32-M03126	5047449	5049421	5040597	
	CPOP Priority	1	2	ŝ	4	5	9	7	8	6	10	11	12	13	

Enclosure (3)

Page 1 of 1

\$14,240,000

TOTAL:

U.S. Department of Homeland Security

United States Coast Guard



Commanding Officer United States Coast Guard Civil Engineering Unit Providence 300 Metro Center Blvd Warwick, RI 02886 Staff Symbol: 1ML Phone: (401) 736-1714 Fax: (401) 736-1703 (b)(6) & (b)(7)(C)

11000

Reply to

Attn of:

07 JAN 2013

b)(6) & (b)(7)(C

ME (b)(6) & (b)(7)(C)

From:

CG CEU Providence

To: COMDT (CG-43)

- Thru: CG SMC Seattle
- Subj: PROJECT DEVELOPMENT SUBMITTAL (PDS) FOR WEST CHOP HOUSING REPAIRS, WEST CHOP 1 & 2, VINEYARD HAVE, MARTHA'S VINEYARD, MA, PSN 4967978
- Ref: (a) COMDTINST M11000.11A, CIVIL ENGINEERING MANUAL
   (b) ALCOAST R 112014Z JAN 11, FINANCIAL GUIDANCE FOR EXECUTION OF AFC-43 FUNDING
  - (c) CG-43 MEMO DATED 05 OCTOBER 11, AFC-43 PROCEDURE CHANGES FOR PROJECT APPROVALS, DOCUMENTATION AND OVERSIGHT CONTROLS COMDT COGARD WASHINGTON DC 112014Z JAN 11/ALCOAST 012/11, CG-8, COMDTNOTE 7130
- 1. In accordance with reference (a), request approval of the subject project using AFC-43 funds for FY13 execution. PSN 4967978 is a FY13 AFC-43 project.
- 2. The total project cost estimate is \$746,000 for both units. Based on a cost estimate over \$50,000 for a housing unit, a PDS submission is required.
- Enclosures (1) (9) are submitted for the subject PSN. Enclosures (2) and (3) have been prepared per references (b) and (c) and show that no OE violations exist. The project consists of Maintenance (M), Code (C) and Demolition (D) components. The subject project remains appropriately funded using AFC43.
- 4. The subject project consists of lead paint and asbestos abatement, replacing windows and upgrading electrical at both properties. The kitchen at West Chop 1 will be updated.
- 5. Critical dates:
  - a. PDS Approval 30 NOV 2012
  - b. Design completion 03 JAN 2013
  - c. Contract Award 15 APR 2013
  - d. Contract Completion 15 SEP 2013
- My point of contact for this project is (b)(6) & (b)(7)(C) (b)(6) & (b)(7)(C) or by phone at (b)(6) & (b)(7)(C).

Enclosures: (1) Project Scope and Purpose (2) Related Actions

- (3) Analysis of Alternatives
- (4) Operating Expense (OE) Certification
  (5) Separate & Severable Determination
  (6) Cost Estimate Summary Form

- (7) Project Development Drawings (11x17)
- (8) Environmental Analysis Checklist (Signature Page Only)
- (9) PDS Checklist
- CGD ONE (dm) Copy: CG SECTOR SENE CG AIRSTA CAPE COD (fe) CG CEU Oakland

#### **PROJECT SCOPE AND PURPOSE**

<b>PROJECT TITLE:</b>	West Chop Housing Repairs
<b>PROJECT NUMBER:</b>	4967978
PROJECT LOCATION:	Vineyard Haven, Martha's' Vineyard, MA
ESTIMATED COST:	\$746,000.00

#### 1. Site Description

The buildings known as West Chop 1 & 2 at West Chop Light (on the island of Martha's Vineyard) were built in approximately 1891. They were designed in the Gothic Revival style as light keeper's residences. For a century, three generations of the West family were keepers on the site. There have been previous lights and residences on the site, closer to the water. The current buildings were designed reflecting the romantic themes of the day. They were meticulously built and have been well maintained over the ensuing years. West Chop 1 and 2 are both three bedroom housing units.



The site extends down a long lawn to the waterfront. The houses sitting atop, near the road. The light serves as beacon and landmark, greeting sailing vessels entering Vineyard Haven. In 1987 the property was listed on the National Register.

#### 2. Project Background & Existing Deficiencies

The presence of lead paint on the baseboards, door and window trim, as well as in the plaster of some walls, makes the buildings unacceptable for use by children under six and pregnant women. This island location serves as a popular tourist destination, making affordable family housing incredibly scarce. Martha's Vineyard housing has been designated as a Critical Housing Area. Based on the Housing Adequacy Report, dated 13 Aug 2012, it was determined that both the West Chop housing units were "inadequate". A letter from RADM S.E. Day, dated 24 Aug 2012, detailed these inadequacies and it was stated that current residents were to be relocated. No future assignments can be made at these units until the deficiencies identified in the Housing Adequacy report have been corrected.



A testing report also shows a small area of asbestos in the closet of one house and mastic in the other house. Radon levels are under actionable levels. It is reported the electrical service is insufficient. The kitchen at West Chop 1 is slightly dated. Previous site testing reveals the presence of lead paint in the soil surrounding the buildings. Remediation would be required if the lead paint were to occur at locations where the soil is exposed for possible contact. Presently, there are no areas of bare soil at these two locations.

#### 3. Project Purpose

The main purpose of the project is to provide habitable residences for USCG families, as defined by respective regulations. One main reference document is the lead paint regulations for the Commonwealth of MA. The recent test results will guide the design phase, room by room, as to the extent of specific work.

Ongoing continuous maintenance cannot be assured over the long term. Discussions from the CEUP Design Brief of 11 Oct 2012 indicated that abatement is preferred to encapsulation. Interim controls or Operation and Maintenance (O&M) are temporary measures used to reduce major findings / action levels to the monitoring level until permanent corrective action can be taken. These temporary measures are not meant to take the place of remediation or be continued indefinitely. Therefore abatement is recommended.

#### 4. Project Scope

The project includes:

- Lead paint abatement at West Chop 1 & 2
- Asbestos abatement at West Chop 1 & 2 (minor)
- Remove and replace windows at West Chop 1 & 2
- Upgrade electrical at West Chop 1 & 2
- Update kitchen at West Chop 1

#### Sustainable Design and Energy Conservation Initiatives:

- New energy-efficient windows with insulating glass
- Windows that also meet hurricane-resistance requirements could reduce damages in a severe storm
- Electrical upgrades will deliver loads more efficiently and safely, while reducing liability associated with fire
- Proposed appliances can be specified as Energy Star rated
- Preservation is considered a sustainable practice. Buildings are best preserved, over the long term, though habitation and maintenance

#### 5. Impact of Denial

The houses are technically classified as uninhabitable by current standards. If it were possible for the Coast Guard to divest from the house, exterior lead paint abatement would be required, prior to the transaction. If the repairs are not made, the buildings will stand empty. The USCG housing department will now have to seek alternative family housing leases in a tight real estate market, at premium prices. As high profile landmarks, the houses would require some investment for basic upkeep, even as non-functional buildings.

#### **RELATED ACTIONS**

<b>PROJECT TITLE:</b>	West Chop Repairs
PROJECT NUMBER:	4967978
PROJECT LOCATION:	Vineyard Haven, Martha's Vineyard, MA

- 1. Funding will be with FY 2013 AFC-43 funds.
- 2. Any required state and federal environmental permits will be obtained for this project as necessary.
- 3. There are no real property issues associated with completing the work.
- **4.** NEPA Documentation has been completed in support of the preferred option. The project is not expected to result in any adverse environmental impacts. A copy of the Environmental Analysis Checklist Signature Page is included as Enclosure (8).

#### ARCHITECT'S JUSTIFICATION AND ALTERNATIVES CONSIDERED

PSN 4967978 West Chop Housing Repairs, Martha's Vineyard

#### **Alternatives**

1. Status Quo: The property would become unoccupied (indefinitely), but would likely require some type of regular maintenance. The lawn would need to be cut and the buildings checked-in on periodically. Such site visits should keep an eye out for pest or rodent infestations, as well as roof leaks etc. The building would have to be heated in winter to prevent freezing pipes. Unattended paint surfaces would probably peel and chip over time, possibly exacerbating future expenses to repair. The displaced residents of West Chop will need to lease a new space at the rate of approximately \$3K per month (or \$36K per year). It is possible the property could be used for Coast Guard morale events on the lawn and at the beach. The houses could be used as temporary quarters with elevated lead levels. Tourists seem to find the lighthouse irresistible. Without deterrence, they could expose the Coast Guard (and their own well being) to various risks while trespassing or possibly vandalizing the property.

#### 2. Abatement and Repairs:

Abatement would restore the site to its original function, as well as highest and best use. Occupying the site maintains the property physically, within the historical context of a maritime life safety tradition. The cultural character of the site is tied to a legacy of public service by inhabitants, dating to the earliest settlers of the Commonwealth and the nation. Within the neighborhood, the USCG will participate in a good neighbor policy, in a highly visible location. Performing timely repairs will serve the long-term interests of the Coast Guard community by maintaining quality family housing in a fiercely competitive real estate market. Upgrading the electrical reduces the risk for fire. Kitchen upgrades fall under quality of life and regular maintenance. Windows will save energy and protect from storm damage.

#### 3. Divestiture:

As mentioned in the Scope and Purpose, the land transfer of the property would likely require abatement of lead in the soil and the source of chipping paint at the exterior. Such action was required at Bakers Island. A much bigger project, those exterior costs alone totaled over a million dollars.

#### **Architect's Justification:**

The circumstance of having an older building with lead paint is not extraordinary. Health and building science advances have made the public more aware of the dangers associated with lead paint. This is now reflected in codes and their enforcement. Invariably, this condition causes hardship to property owners. The Massachusetts regulations regarding residences with lead, inhabited by children, are quite strict and rather clear.

Many times, property owners will look to the least expensive or a middle path that could involve encapsulation and various minimalist methods for abatement. This would be especially true in a speculative office building, for example. There the investment is short term and the liability low. The legacy buildings at West Chop probably fall into the opposite category. In addition to the symbolism they hold as landmarks, they have served as family homes which, by nature, often have small children. They have been there a while and will likely stay there a while longer.

To not take action at West Chop leaves the site under-used, with an open-ended potential for work-around responses that could arise. The practical, most reasonable action to be taken seems to be to abate. The design phase should research the most effective means to achieve a very clearly established scope and budget.

		Ū	VIL ENGIN	EERING OPERATING EXPEN	SE (OE) CERTIFIC,	ATION							
Prepared By Project Title	(b)(6) & (b)(7)(C) West Chop Housing Repairs				Total Project (	Date 12/ Costs	21/2012 \$746	A L	Init Name CU/OPFAC	G ASCC 20115	Pare	Location V Int WO # 45	lest Chop Hsing 967978
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								M+A+C		M+A+C+I	I	tal RPFN	Minor Construction
Child WO#	WO Description	Location #	RPFN #	RPFN Description	M	4	0	Subtotal	-	Subtotal		Costs	Threshold
4914763	Repairs at W Chop 1	1598	9CA	WEST CHOP - DWELLING	\$276	\$0	\$4	\$280	0\$	\$280	\$113	\$393	\$280
4899820	Repairs W Chop 2	7600	9CD	WEST CHOP DWELL NG #2	\$246	\$0	\$	\$250	\$0	\$250	\$103	\$353	\$250
				TOTAL	\$522	\$0	\$8	\$530	\$0	\$530	\$216	\$746	\$530
						R	elated worl	associated	with project	RPFNs (MA Minor	AC+I) contributi Construction th	ing to the ireshold	0\$
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Planning & Developme	ent costs associated with the work order and assigned as	a 'DD' Work Ty	ġ				ow Delated wo	IN ASSOCIATE	a with other		Construction th	no une plodenne	\$0
Child WO #	WO Description	Location #	Type	Estimate Costs					Tot	al Minor Col	nstruction Cont	tribution	\$530
				\$0									
M+A+C analysis rolls t	up all active and closed work orders within the past 12 mo	onths at the RPF	N level to	validate if costs are equal to c	or areater than 45%	%/50% of 1	the RPFN's	PRV to dete	rmine cost c	ontributing	to the minor co	onstruction	threshold.
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4914763	Repairs at W Chop 1	7598	9CA	WEST CHOP - DWELLING	ط	\$280	\$230	121.74%	\$0	121.74%		\$0	
4899820	Repairs W Chop 2	7600	9CD	WEST CHOP DWELL NG #2	٩	\$250	\$230	108.70%	\$0	108.70%		\$0	
Grand Tots	a;					\$530			<mark>\$0</mark>			\$0	
Per CG-43 memo date and must be approved	d 18APR2011 "Policy for Plant Replacement Value (PRV) r i by HQ, CG-43.	methodology", i	n cases wh	ere the SAM PRV does not re	present a fair mar	rket value,	an indeper	ndent estima	te may be u	sed to make	e an appropriate	e funding d	etermination
Comments	(b)(6) & (b)(7)(C)												
<b>Certified This project</b>	is ation IAW A	ALCOAST 012/1	1 "Interim F	inancial Guidance for Execut	tion of AFC-43 Fur	."guipt							

DATE 07 JAN 2013

Commanding Officer

1021221

TITLE/SIGNATURE Download Date

					SEPARATE AND SEVERABLE CERTIFICATIC 01-20115 - CG AIRSTA (	ON - 49679 CAPE COD	78 - Repair	s W Chop I	0				
Project	Parent		Prod	Cont Comp						DOLLA	ARS (\$K)		
Number	Number	Status	Awd FY	Actual Date	Project Title	RPFN	Location	Awd/Est	I Costs	D Costs	M+A+C Costs	PRV	MC Contrib
Section 1:													
PROPOSED	PARENT/CF	HILD WORK	ORDERS										
4914763	4967978	APPR	2013		Repairs at W Chop 1	9CA	7598	\$373	\$0	\$108	\$280	\$230	\$280
4899820	4967978	APPR			Repairs W Chop 2	9CD	7600	\$373	\$0	\$108	\$250	\$230	\$250
								Total:	\$0	\$216	\$530		\$530
Section 2:													
PROJECT(s	) LISTED BE	LOW HAVE	THE SAME F	RPFN(s) AS P	ARENT/CHILD PROJECTS AND ARE NOT SEPARATE AI	ND SEVERA	BLE. INCLUI	DE APPLICA	SLE COSTS	FOR MINOR	CONSTRUCTIO	N CONTRIBU	ITION AND
					-			Total:	\$0	\$0	\$0		\$0
Section 3:													
THE FOLLO	WING PROJ	ECT(s) HAVI	E DIFFEREN	IT RPFN(s) AS	PARENT/CHILD PROJECTS, BUT ARE NOT SEPARATE	E AND SEVE	RABLE BEC	AUSE OF THE	EIR RELATE	ED FUNCTION			
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Section 4:													
PROJECTS	LISTED BEL	OW ARE SE	PARATE AN	ID SEVERABI	E BY THEIR UNRELATED FUNCTION TO SUBJECT RPF.	FN(s) OR BY	THEIR PHYS	ICAL LOCAT	ION.				
2447245		COMP	2011	11/10/2011	Evaluate/Repair Hangar Doors @ Bldg 124	6687	47351	\$78	\$0	\$0	\$78	\$10,629	\$0
2603611		INPRG	2012		Replace Rotating Beacon @ Water Tower	NONE	214	\$81	\$0	\$0	\$0	\$0	\$0
4523791	2603611	INPRG			Demo Rotating Beacon @ Water Tower	6828	47354	\$10	\$0	\$10	\$0	\$14	\$0
4525321	2603611	INPRG	2012		New Rotating Beacon @ Water Tower	SAB	811988	\$81	\$81	\$0	\$0	\$14	\$81
4368952	2666957	COMP		06/15/2012	(Mod #2) Additional Abatement	WN8	44558	\$147	\$0	\$147	\$0	\$5,707	\$0
01-P6193	2666957	COMP	2010	06/15/2012	Construction- D/B TEMP QTRS RPR	WN8	44558	\$828	\$265	\$132	\$431	\$5,707	\$265
2666957	_	COMP	2010	06/15/2012	Temp Quarters Repairs (Bldg 5204)	WN8	44558	\$828	\$273	\$141	\$414	\$5,707	\$273
4281127	2666957	COMP		06/15/2012	(Mod #1) Electrical Upgrade	WN8	44558	\$79	\$63	\$8	\$8	\$5,707	\$63
271813		INPRG	2012		Hangar Painting	VZ4	52099	\$312	\$0	\$0	\$312	\$11,490	\$0
4771402	2936154	INPRG			Replace Elevator and Repair Control Tower - Construction	6688	47350	\$880	\$0	\$88	\$792	\$4,637	\$0
4817049	3159619	INPRG	2012		Housing Endwalls #5653 - Base Bid	TJT	6739	\$25	\$0	\$4	\$20	\$393	\$0
4824709	3159619	INPRG	2012		Bid Option 4 - Unit 5656	TKA	6742	\$25	\$0	\$4	\$20	\$463	\$0
4824613	3159619	INPRG	2012		Housing Endwalls #5671 - Base Bid	TKL	6753	\$25	\$0	\$4	\$20	\$552	\$0
4824637	3159619	INPRG	2012		Housing Endwalls #5672 - Base Bid	ТКО	6754	\$25	\$0	\$4	\$20	\$463	\$0
4824616	3159619	INPRG	2012		Housing Endwalls #5678 - Base Bid	TKU	6760	\$25	\$0	\$4	\$20	\$274	\$0
4824642	3159619	INPRG	2012		Housing Endwalls #5680 - Base Bid	TLA	6762	\$25	\$0	\$4	\$20	\$274	\$0
4824691	3159619	INPRG	2012		Bid Option 2 - Unit 5682	TLC	6764	\$25	\$0	\$4	\$20	\$274	\$0
4824618	3159619	INPRG	2012		Housing Endwalls #5684 - Base Bid	TLE	6766	\$25	\$0	\$4	\$20	\$463	\$0
3159619		INPRG	2012		Housing Endwalls	TLE	6766	\$246	\$0	\$0	\$0	\$463	\$0
4824707	3159619	INPRG	2012		Bid Option 3 - Unit 5685	TLF	6767	\$25	\$0	\$4	\$20	\$274	\$0

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   | 7757 $85$ $51895$ $85$ $51896$ $85$ $51892$ $85$ $51892$ $85$ $51892$ $85$ $51892$ $85$ $51892$ $85$ $51902$ $85$ $51902$ $85$ $51902$ $85$ $51902$ $85$ $51902$ $85$ $51902$ $85$ $51902$ $85$ $51902$ $85$ $51912$ $85$ $51912$ $85$ $51912$ $85$ $51912$ $85$ $51912$ $85$ $51912$ $85$ $51912$ $85$ $51912$ $85$ $51912$ $85$ $5192$ $85$ $5192$ $85$ $5192$ $85$ $5192$ $85$ $5192$ $85$ $5192$ $85$ $5192$ $85$ $5192$ $85$ </td <td>7757 <math>85</math>         51895       <math>85</math>         51896       <math>85</math>         51898       <math>85</math>         51898       <math>85</math>         51898       <math>85</math>         51899       <math>85</math>         51900       <math>85</math>         51901       <math>85</math>         51902       <math>85</math>         51903       <math>85</math>         51904       <math>85</math>         51905       <math>85</math>         51906       <math>85</math>         51907       <math>85</math>         51908       <math>85</math>         51910       <math>85</math>         51912       <math>85</math>         51913       <math>85</math>         51914       <math>85</math>         51912       <math>85</math>         51913       <math>85</math>         51914       <math>85</math>         51915       <math>85</math>         51916       <math>85</math>         51918       <math>85</math>         51918       <math>85</math>         51919       <math>85</math>         51916       <math>85</math>         51918       <math>85</math>         51918       <math>85</math>         51918       <math>85</math>         51920       <math>85</math>         51920       <math>85</math></td> <td>7750 <math>85</math>         51895       <math>85</math>         51896       <math>85</math>         51898       <math>85</math>         51898       <math>85</math>         51898       <math>85</math>         51899       <math>85</math>         51900       <math>85</math>         51901       <math>85</math>         51902       <math>85</math>         51903       <math>85</math>         51904       <math>85</math>         51905       <math>85</math>         51906       <math>85</math>         51907       <math>85</math>         51910       <math>85</math>         51912       <math>85</math>         51913       <math>85</math>         51914       <math>85</math>         51915       <math>85</math>         51916       <math>85</math>         51917       <math>85</math>         51918       <math>85</math>         51919       <math>85</math>         51918       <math>85</math>         51919       <math>85</math>         51918       <math>85</math>         51918       <math>85</math>         51918       <math>85</math>         51920       <math>85</math>         51921       <math>85</math>         51922       <math>85</math>         51923       <math>85</math>         51924       <math>85</math></td> <td>7750 <math>85</math>         51895       \$5         51896       \$5         51898       \$5         51898       \$5         51899       \$5         51899       \$5         51899       \$5         51900       \$5         51901       \$5         51902       \$5         51903       \$5         51904       \$5         51905       \$5         51906       \$5         51907       \$5         51908       \$5         51910       \$5         51911       \$5         51912       \$5         51913       \$5         51914       \$5         51915       \$5         51916       \$5         51917       \$5         51918       \$5         51919       \$5         51916       \$5         51917       \$5         51918       \$5         51924       \$5         51924       \$5         51924       \$5         51924       \$5         51924       \$5</td>  | 7757 $85$ 51895 $85$ 51896 $85$ 51898 $85$ 51898 $85$ 51898 $85$ 51899 $85$ 51900 $85$ 51901 $85$ 51902 $85$ 51903 $85$ 51904 $85$ 51905 $85$ 51906 $85$ 51907 $85$ 51908 $85$ 51910 $85$ 51912 $85$ 51913 $85$ 51914 $85$ 51912 $85$ 51913 $85$ 51914 $85$ 51915 $85$ 51916 $85$ 51918 $85$ 51918 $85$ 51919 $85$ 51916 $85$ 51918 $85$ 51918 $85$ 51918 $85$ 51920 $85$ 51920 $85$  | 7750 $85$ 51895 $85$ 51896 $85$ 51898 $85$ 51898 $85$ 51898 $85$ 51899 $85$ 51900 $85$ 51901 $85$ 51902 $85$ 51903 $85$ 51904 $85$ 51905 $85$ 51906 $85$ 51907 $85$ 51910 $85$ 51912 $85$ 51913 $85$ 51914 $85$ 51915 $85$ 51916 $85$ 51917 $85$ 51918 $85$ 51919 $85$ 51918 $85$ 51919 $85$ 51918 $85$ 51918 $85$ 51918 $85$ 51920 $85$ 51921 $85$ 51922 $85$ 51923 $85$ 51924 $85$  | 7750 $85$ 51895       \$5         51896       \$5         51898       \$5         51898       \$5         51899       \$5         51899       \$5         51899       \$5         51900       \$5         51901       \$5        
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| TPF         51896           TNV         51897           TNV         51897           TOA         51897           TOA         51896           TOA         51897           TOB         51898           TOB         51898           TOB         51898           TOC         51990           TOD         51901           TOE         51902   | TPF         51896           TNV         51897           TOA         51898           TOA         51898           TOA         51898           TOA         51899           TOB         51899           TOB         51899           TOC         51900           TOD         51901           TOD         51901           TOE         51901           TOF         51903   | TPF         51896           TNV         51896           TOA         51896           TOA         51893           TOA         51893           TOB         51893           TOB         51893           TOB         51893           TOC         51900           TOD         51901           TOE         51901           TOF         51903           TOF         51903           TOF         51903           TOG         51903   | TPF         51896           TNV         51896           TNV         51897           TOA         51898           TOA         51898           TOB         51890           TOB         51890           TOB         51890           TOC         51900           TOD         51901           TOF         51901           TOF         51901           TOF         51903           TOF         51903           TOG         51904           TOF         51903           TOG         51904           TOG         51903           TOG         51904           TOG         51904  | TPF         51896           TNV         51896           TNV         51897           TOA         51898           TOA         51898           TOB         51890           TOB         51890           TOB         51890           TOB         51901           TOC         51901           TOF         51901           TOF         51903           TOG         51904           TOG         51903           TOG         51904           TOG         51903           TOH         51903           TOH         51903   
   
  | TPF         51896           TNV         51896           TNV         51896           TOA         51898           TOA         51898           TOA         51898           TOA         51898           TOB         51890           TOB         51900           TOC         51901           TOF         51902           TOG         51903           TOG         51903           TOG         51903           TOG         51903           TOI         51903           TOI         51903           TOI         51903           TOI         51903           TOI         51903           TOI         51903  
   
   
  | TPF         51896           TNV         51897           TNV         51896           TOA         51896           TOA         51896           TOA         51896           TOA         51896           TOA         51896           TOB         51898           TOB         51890           TOC         51900           TOF         51902           TOF         51903           TOG         51903           TOI         51906           TOI         51906           TOI         51906           TOI         51906           TOI         51906           TOV         51906           TOV         51906  
   
  | TPF         51896           TNV         51897           TNV         51896           TOA         51896           TOA         51896           TOA         51896           TOB         51896           TOB         51896           TOB         51896           TOC         51900           TOC         51901           TOC         51903           TOC         51904           TOI         51905           TOI         51906           TOL         51906           TOL         51906           TOL         51906           TOL         51906           TOL         51906  | TPF         51896           TNV         51897           TNV         51897           TOA         51897           TOA         51896           TOA         51896           TOB         51896           TOB         51896           TOB         51890           TOC         51900           TOF         51901           TOF         51903           TOF         51904           TOG         51904           TOG         51905           TOI         51906           TOI         51906           TOL         51906           TOL         51906           TOL         51906           TOO         51906   
   
  | TPF         51896           TPV         51896           TNV         51896           TOA         51896           TOA         51896           TOA         51896           TOB         51896           TOB         51890           TOB         51890           TOC         51900           TOC         51901           TOF         51903           TOG         51904           TOG         51906           TOI         51906           TOI         51906           TOI         51906           TOL         51906           TOL         51906           TOL         51906           TOL         51906           TOO         51906           TOO         51906           TOO         51901           TOO         51901           TOO         51901           TOO         51910           TOO         51910           TOO         51910           TOO         51910           TOO         51910           TOO         51910           TOO <td>TPF         51896           TNV         51896           TNV         51896           TOA         51896           TOA         51896           TOA         51896           TOB         51896           TOB         51891           TOB         51892           TOC         51900           TOC         51901           TOC         51903           TOG         51904           TOI         51905           TOI         51906           TOI         51906           TOI         51906           TOI         51906           TOI         51906           TOO         51906           TOO         51906           TOO         51906           TOO         51906           TOO         51906           TOO         51907           TOO         51906           TOO         51907           TOO         51906           TOO         51901           TOO         51901           TOO         51901           TOO         51901           TOO<td>TPF         51896           TNV         51897           TNV         51896           TOA         51896           TOA         51896           TOB         51896           TOB         51896           TOB         51890           TOC         51900           TOC         51901           TOC         51902           TOC         51903           TOC         51903           TOG         51904           TOI         51905           TOI         51906           TOI         51906           TOI         51906           TOI         51906           TOO         51910           TOS         51913           TOS         51913           TOS         51913           TOS<td>TPF         51896           TNV         51897           TOA         51896           TOA         51896           TOA         51896           TOB         51896           TOB         51896           TOB         51896           TOB         51896           TOC         51900           TOC         51903           TOF         51903           TOG         51904           TOG         51906           TOI         51906           TOI         51906           TOI         51906           TOI         51906           TOO         51910           TOO         51910           TOO         51910           TOO         51910           TOO         51910           TOS         51911           TOS         51913           TOS         51913           TOS         51914           TOS         51914           TOS         51914           TOS         51914</td><td>TPF         51896           TNV         51897           TOA         51896           TOA         51896           TOA         51896           TOB         51896           TOB         51896           TOB         51896           TOB         51890           TOC         51900           TOF         51901           TOF         51906           TOI         51906           TOI         51906           TOI         51906           TOI         51906           TOI         51906           TOO         51910           TOR         51911           TOR         51913           TOS         51913           TOS         51913           TOS         51913           TOS         51913           TOI         51913           TOI         51913           TOI         51913           TOI         51914           TOI         51914           TOI         51914           TOI         51914</td><td>TPF         51896           TDA         51896           TDA         51896           TOA         51896           TOA         51896           TOB         51896           TOB         51896           TOB         51890           TOC         51900           TOC         51901           TOC         51902           TOC         51903           TOC         51903           TOI         51903           TOI         51903           TOI         51903           TOI         51903           TOO         51903           TOQ         51903           TOQ         51903           TOQ         51903           TOQ         51913           TOS         51913           TOV         51913           TOV         51914           TOV         51915           TOV         51916           TOV         51916           TOV         51916           TOV         51916           TOV         51916           TOV         51916           TOV<td>TPF         51896           TNV         51896           TNV         51896           TOA         51896           TOA         51896           TOB         51896           TOB         51896           TOB         51896           TOB         51896           TOC         51900           TOC         51901           TOB         51906           TOB         51906           TOI         51906           TOI         51906           TOI         51906           TOI         51906           TOI         51906           TOI         51906           TOS         51910           TOS         51910           TOS         51911           TOV         51912           TOV         51913           TOV         51914           TOV         51915           TOV         51916           TOV         51916           TOV         51916           TOV         51916           TOV         51916           TOV         51916           TOV<td>TPF         51896           TNV         51897           TOA         51896           TOA         51896           TOA         51896           TOB         51896           TOB         51896           TOB         51896           TOB         51890           TOC         51900           TOC         51901           TOB         51906           TOB         51906           TOI         51906           TOI         51906           TOI         51906           TOI         51906           TOO         51910           TOO         51911           TOS         51913           TOS         51914           TON         51913           TOV         51913           TPA         51913           TPA         51913           TPA<td>TPF         51805         
 TNV         51897           TNV         51897           TOA         51896           TOA         51896           TOB         51896           TOB         51890           TOC         51900           TOC         51900           TOC         51901           TOC         51901           TOC         51901           TOC         51901           TOC         51901           TOI         51901           TOI         51901           TOI         51901           TON         51911           TON         51911           TON         51911           TON         51913           TON         51914           TON         51913           TON         51914           TPA         51914           TPA<td>TPF         51896           TNV         51896           TNV         51896           TOA         51896           TOA         51896           TOA         51896           TOA         51896           TOB         51896           TOB         51896           TOC         51900           TOC         51901           TOC         51903           TOC         51906           TOB         51906           TOI         51906           TOI         51906           TOI         51906           TOI         51906           TON         51910           TON         51910           TON         51910           TON         51911           TON         51913           TON         51916           TOV         51916           TOV         51916           TOV         51916           TPA         51916           TPC         51916           TPC         51916           TPA         51916           TPC         51920           TPC<td>TPF         51896           TNV         51896           TNV         51896           TOA         51896           TOA         51896           TOA         51896           TOA         51896           TOB         51890           TOB         51890           TOC         51900           TOC         51901           TOC         51903           TOC         51903           TOC         51904           TOI         51905           TOI         51906           TOI         51906           TOO         51914           TON         51916           TON         51916           TON         51914           TON         51914           TON         51916           TOV         51916           TPA         51916           TPA         51918           TPA         51918           TPA         51920           TPA         51920           TPA         51920           TPA         51921           TPA         51921           TPA<td>TPF         51896           TNV         51896           TNV         51896           TOA         51896           TOA         51896           TOB         51896           TOB         51896           TOB         51896           TOB         51896           TOC         51900           TOC         51901           TOD         51902           TOD         51906           TOD         51906           TOI         51906           TOI         51906           TOI         51906           TON         51916           TON         51916           TON         51916           TON         51916           TON         51916           TON         51916           TOV         51916           TPA         51916           TPC         51916           TPC         51916           TON         51916           TPC         51916           TPC         51916           TPC         51916           TPC         51916           TPC<td>TPF         51896           TNV         51896           TNV         51896           TOA         51896           TOA         51896           TOB         51896           TOB         51896           TOB         51896           TOB         51896           TOC         51900           TOC         51901           TOD         51902           TOD         51906           TOB         51906           TOI         51906           TOI         51906           TOI         51906           TOI         51906           TON         51916           TPA         51916           TPA         51916           TPA         51920           TPA         51920           TPA         51921           TPA         51921           TPA         51921           TPA<td>TPF         51896           TNV         51896           TNV         51896           TOA         51896           TOA         51896           TOA         51896           TOB         51896           TOB         51896           TOB         51890           TOC         51900           TOC         51901           TOC         51903           TOC         51906           TOB         51906           TOI         51906           TOI         51906           TOI         51906           TOI         51906           TOI         51906           TOI         51906           TON         51916           TON         51916           TON         51916           TON         51916           TON         51916           TON         51916           TPA         51916           TPA         51920           TPA         51920           TPA         51920           TPA         51920           TPA         51920           TPA<td>TPF         51896           TVV         51896           TVV         51896           TOA         51896           TOA         51896           TOA         51896           TOB         51896           TOB         51896           TOB         51896           TOC         51900           TOC         51901           TOC         51903           TOC         51906           TOB         51906           TOL         51906           TOL         51906           TOL         51906           TOL         51906           TOL         51910           TON         51910           TON         51911           TON         51916           TON<td>TPF         51896           TVV         51896           TVA         51896           TOA         51896           TOA         51896           TOA         51896           TOB         51896           TOB         51896           TOC         51900           TOC         51901           TOC         51902           TOC         51903           TOC         51906           TOC         51906           TOC         51906           TOL         51906           TOL         51906           TOL         51906           TOL         51910           TOC         51910           TON         51911           TON         51916           TON<td>TPF         51890           TVV         51896           TVA         51896           TOA         51896           TOA         51896           TOB         51896           TOB         51896           TOC         51900           TOC         51900           TOC         51901           TOC         51902           TOC         51903           TOC         51906           TOC         51906           TOL         51906           TOL         51906           TOL         51906           TOL         51906           TOL         51910           TOL         51910           TON         51911           TON         51916           TON<td>TPF         51896           TNV         51896           TNV         51896           TOA         51896           TOA         51896           TOA         51896           TOB         51896           TOB         51896           TOB         51890           TOC         51900           TOC         51901           TOB         51903           TOB         51904           TOB         51906           TOI         51906           TOI         51906           TOI         51906           TOI         51910           TOI         51910           TOI         51910           TON         51910           TMR         51920           TMS         51920           TMS</td></td></td></td></td></td></td></td></td></td></td></td></td></td></td> | TPF         51896           TNV         51896           TNV         51896           TOA         51896           TOA         51896           TOA         51896           TOB         51896           TOB         51891           TOB         51892           TOC         51900           TOC         51901           TOC         51903           TOG         51904           TOI         51905           TOI         51906           TOI         51906           TOI         51906           TOI         51906           TOI         51906           TOO         51906           TOO         51906           TOO         51906           TOO         51906           TOO         51906           TOO         51907           TOO         51906           TOO         51907           TOO         51906           TOO         51901           TOO         51901           TOO         51901           TOO         51901           TOO <td>TPF         51896           TNV         51897           TNV         51896           TOA         51896           TOA         51896           TOB         51896           TOB         51896           TOB         51890           TOC         51900           TOC         51901           TOC         51902           TOC         51903           TOC         51903           TOG         51904           TOI         51905           TOI         51906           TOI         51906           TOI         51906           TOI         51906           TOO         51910           TOS         51913           TOS         51913           TOS         51913           TOS<td>TPF         51896           TNV         51897           TOA         51896           TOA         51896           TOA         51896           TOB         51896           TOB         51896           TOB         51896           TOB         51896           TOC         51900           TOC         51903           TOF         51903           TOG         51904           TOG         51906           TOI         51906           TOI         51906           TOI         51906           TOI         51906           TOO         51910           TOO         51910           TOO         51910           TOO         51910           TOO         51910           TOS         51911           TOS         51913           TOS         51913           TOS         51914           TOS         51914           TOS         51914           TOS        
51914</td><td>TPF         51896           TNV         51897           TOA         51896           TOA         51896           TOA         51896           TOB         51896           TOB         51896           TOB         51896           TOB         51890           TOC         51900           TOF         51901           TOF         51906           TOI         51906           TOI         51906           TOI         51906           TOI         51906           TOI         51906           TOO         51910           TOR         51911           TOR         51913           TOS         51913           TOS         51913           TOS         51913           TOS         51913           TOI         51913           TOI         51913           TOI         51913           TOI         51914           TOI         51914           TOI         51914           TOI         51914</td><td>TPF         51896           TDA         51896           TDA         51896           TOA         51896           TOA         51896           TOB         51896           TOB         51896           TOB         51890           TOC         51900           TOC         51901           TOC         51902           TOC         51903           TOC         51903           TOI         51903           TOI         51903           TOI         51903           TOI         51903           TOO         51903           TOQ         51903           TOQ         51903           TOQ         51903           TOQ         51913           TOS         51913           TOV         51913           TOV         51914           TOV         51915           TOV         51916           TOV         51916           TOV         51916           TOV         51916           TOV         51916           TOV         51916           TOV<td>TPF         51896           TNV         51896           TNV         51896           TOA         51896           TOA         51896           TOB         51896           TOB         51896           TOB         51896           TOB         51896           TOC         51900           TOC         51901           TOB         51906           TOB         51906           TOI         51906           TOI         51906           TOI         51906           TOI         51906           TOI         51906           TOI         51906           TOS         51910           TOS         51910           TOS         51911           TOV         51912           TOV         51913           TOV         51914           TOV         51915           TOV         51916           TOV         51916           TOV         51916           TOV         51916           TOV         51916           TOV         51916           TOV<td>TPF         51896           TNV         51897           TOA         51896           TOA         51896           TOA         51896           TOB         51896           TOB         51896           TOB         51896           TOB         51890           TOC         51900           TOC         51901           TOB         51906           TOB         51906           TOI         51906           TOI         51906           TOI         51906           TOI         51906           TOO         51910           TOO         51911           TOS         51913           TOS         51914           TON         51913           TOV         51913           TPA         51913           TPA         51913           TPA<td>TPF         51805           TNV         51897           TNV         51897           TOA         51896           TOA         51896           TOB         51896           TOB         51890           TOC         51900           TOC         51900           TOC         51901           TOC         51901           TOC         51901           TOC         51901           TOC         51901           TOI         51901           TOI         51901           TOI         51901           TON         51911           TON         51911           TON         51911           TON         51913           TON         51914           TON         51913           TON         51914           TPA         51914           TPA<td>TPF         51896           TNV         51896           TNV         51896           TOA         51896           TOA         51896           TOA         51896           TOA         51896           TOB         51896           TOB         51896           TOC         51900           TOC         51901           TOC         51903           TOC         51906           TOB         51906           TOI         51906           TOI         51906           TOI         51906           TOI         51906           TON         51910           TON         51910           TON         51910           TON         51911           TON         51913           TON         51916           TOV         51916           TOV         51916           TOV         51916           TPA         51916           TPC         51916           TPC         51916           TPA         51916           TPC         51920           TPC<td>TPF         51896           TNV         51896           TNV         51896           TOA         51896           TOA         51896           TOA         51896           TOA         51896           TOB         51890           TOB         51890           TOC         51900           TOC         51901           TOC         51903           TOC         51903           TOC         51904           TOI         51905           TOI         51906           TOI         51906           TOO         51914           TON         51916           TON         51916           TON         51914           TON         51914           TON         51916           TOV         51916           TPA         51916           TPA         51918           TPA         51918           TPA         51920           TPA         51920           TPA         51920           TPA         51921           TPA         51921           TPA<td>TPF         51896           TNV         51896           TNV         51896           TOA         51896           TOA         51896           TOB         51896           TOB         51896           TOB         51896           TOB         51896           TOC         51900           TOC         51901           TOD         51902           TOD         51906           TOD         51906           TOI         51906           TOI         51906           TOI         51906           TON         51916           TON         51916           TON         51916           TON         51916           TON         51916           TON         51916           TOV         51916           TPA         51916           TPC         51916           TPC         51916           TON         51916           TPC         51916           TPC         51916           TPC         51916           TPC         51916           TPC<td>TPF         51896           TNV         51896           TNV         51896           TOA         51896           TOA         51896           TOB         51896           TOB         51896           TOB         51896           TOB         51896           TOC         51900           TOC         51901           TOD         51902           TOD         51906           TOB         51906           TOI         51906           TOI         51906           TOI         51906           TOI         51906           TON         51916           TPA         51916           TPA         51916           TPA         51920           TPA         51920           TPA         51921           TPA         51921           TPA         51921           TPA<td>TPF         51896           TNV         51896           TNV         51896           TOA         51896           TOA         51896           TOA         51896           TOB         51896           TOB         51896           TOB         51890           TOC         51900           TOC         51901           TOC         51903           TOC         51906           TOB         51906           TOI         51906           TOI         51906           TOI         51906           TOI         51906           TOI         51906           TOI         51906           TON         51916           TON         51916           TON         51916           TON         51916           TON         51916           TON         51916           TPA         51916           TPA         51920           TPA         51920           TPA         51920           TPA         51920           TPA         51920           TPA<td>TPF         51896           TVV         51896           TVV         51896           TOA         51896           TOA         51896           TOA         51896           TOB         51896           TOB         51896           TOB         51896           TOC         51900           TOC         51901           TOC         51903           TOC         51906           TOB         51906           TOL         51906           TOL         51906           TOL         51906           TOL         51906           TOL         51910           TON         51910           TON         51911           TON         51916           TON<td>TPF         51896           TVV         51896           TVA         51896           TOA         51896           TOA         51896           TOA         51896           TOB         51896           TOB         51896           TOC         51900           TOC         51901           TOC         51902           TOC         51903           TOC         51906           TOC         51906           TOC         51906           TOL         51906           TOL         51906           TOL         51906           TOL         51910           TOC         51910           TON         51911           TON         51916           TON<td>TPF         51890           TVV         51896           TVA         51896           TOA         51896           TOA         51896           TOB         51896           TOB         51896           TOC         51900           TOC         51900           TOC         51901           TOC         51902         
 TOC         51903           TOC         51906           TOC         51906           TOL         51906           TOL         51906           TOL         51906           TOL         51906           TOL         51910           TOL         51910           TON         51911           TON         51916           TON<td>TPF         51896           TNV         51896           TNV         51896           TOA         51896           TOA         51896           TOA         51896           TOB         51896           TOB         51896           TOB         51890           TOC         51900           TOC         51901           TOB         51903           TOB         51904           TOB         51906           TOI         51906           TOI         51906           TOI         51906           TOI         51910           TOI         51910           TOI         51910           TON         51910           TMR         51920           TMS         51920           TMS</td></td></td></td></td></td></td></td></td></td></td></td></td></td>  | TPF         51896           TNV         51897           TNV         51896           TOA         51896           TOA         51896           TOB         51896           TOB         51896           TOB         51890           TOC         51900           TOC         51901           TOC         51902           TOC         51903           TOC         51903           TOG         51904           TOI         51905           TOI         51906           TOI         51906           TOI         51906           TOI         51906           TOO         51910           TOS         51913           TOS         51913           TOS         51913           TOS <td>TPF         51896           TNV         51897           TOA         51896           TOA         51896           TOA         51896           TOB         51896           TOB         51896           TOB         51896           TOB         51896           TOC         51900           TOC         51903           TOF         51903           TOG         51904           TOG         51906           TOI         51906           TOI         51906           TOI         51906           TOI         51906           TOO         51910           TOO         51910           TOO         51910           TOO         51910           TOO         51910           TOS         51911           TOS         51913           TOS         51913           TOS         51914           TOS         51914           TOS         51914           TOS         51914</td> <td>TPF         51896           TNV         51897           TOA         51896           TOA         51896           TOA         51896           TOB         51896           TOB         51896           TOB         51896           TOB         51890           TOC         51900           TOF         51901           TOF         51906           TOI         51906           TOI         51906           TOI         51906           TOI         51906           TOI         51906           TOO         51910           TOR         51911           TOR         51913           TOS         51913           TOS         51913           TOS         51913           TOS         51913           TOI         51913           TOI         51913           TOI         51913           TOI         51914           TOI         51914           TOI         51914           TOI         51914</td> <td>TPF         51896           TDA         51896           TDA         51896           TOA         51896           TOA         51896           TOB         51896           TOB         51896           TOB         51890           TOC         51900           TOC         51901           TOC         51902           TOC         51903           TOC         51903           TOI         51903           TOI         51903           TOI         51903           TOI         51903           TOO         51903           TOQ         51903           TOQ         51903           TOQ         51903           TOQ         51913           TOS         51913           TOV         51913           TOV         51914           TOV         51915           TOV         51916           TOV         51916           TOV         51916           TOV         51916           TOV         51916           TOV         51916           TOV<td>TPF         51896           TNV         51896           TNV         51896           TOA         51896           TOA         51896           TOB         51896           TOB         51896           TOB         51896           TOB         51896           TOC         51900           TOC         51901           TOB         51906           TOB         51906           TOI         51906           TOI         51906           TOI         51906           TOI         51906           TOI         51906           TOI         51906           TOS         51910           TOS         51910           TOS         51911           TOV         51912           TOV         51913           TOV         51914           TOV         51915           TOV         51916           TOV         51916           TOV         51916           TOV         51916           TOV         51916           TOV         51916           TOV<td>TPF         51896           TNV         51897           TOA         51896           TOA         51896           TOA         51896           TOB         51896           TOB         51896           TOB         51896           TOB         51890           TOC         51900           TOC         51901           TOB         51906           TOB         51906           TOI         51906           TOI         51906           TOI         51906           TOI         51906           TOO         51910           TOO         51911           TOS         51913           TOS         51914           TON         51913           TOV         51913           TPA         51913           TPA         51913           TPA<td>TPF         51805           TNV         51897           TNV         51897           TOA         51896           TOA         51896           TOB         51896           TOB         51890           TOC         51900           TOC         51900           TOC         51901           TOC         51901           TOC         51901           TOC         51901           TOC         51901           TOI         51901           TOI         51901           TOI         51901           TON         51911           TON         51911           TON         51911           TON         51913           TON         51914           TON         51913           TON         51914           TPA         51914           TPA<td>TPF         51896           TNV         51896           TNV         51896           TOA         51896           TOA         51896           TOA         51896           TOA         51896           TOB         51896           TOB         51896           TOC         51900           TOC         51901           TOC         51903           TOC         51906           TOB         51906           TOI         51906           TOI         51906           TOI         51906           TOI         51906           TON         51910           TON         51910           TON         51910           TON         51911           TON         51913     
     TON         51916           TOV         51916           TOV         51916           TOV         51916           TPA         51916           TPC         51916           TPC         51916           TPA         51916           TPC         51920           TPC<td>TPF         51896           TNV         51896           TNV         51896           TOA         51896           TOA         51896           TOA         51896           TOA         51896           TOB         51890           TOB         51890           TOC         51900           TOC         51901           TOC         51903           TOC         51903           TOC         51904           TOI         51905           TOI         51906           TOI         51906           TOO         51914           TON         51916           TON         51916           TON         51914           TON         51914           TON         51916           TOV         51916           TPA         51916           TPA         51918           TPA         51918           TPA         51920           TPA         51920           TPA         51920           TPA         51921           TPA         51921           TPA<td>TPF         51896           TNV         51896           TNV         51896           TOA         51896           TOA         51896           TOB         51896           TOB         51896           TOB         51896           TOB         51896           TOC         51900           TOC         51901           TOD         51902           TOD         51906           TOD         51906           TOI         51906           TOI         51906           TOI         51906           TON         51916           TON         51916           TON         51916           TON         51916           TON         51916           TON         51916           TOV         51916           TPA         51916           TPC         51916           TPC         51916           TON         51916           TPC         51916           TPC         51916           TPC         51916           TPC         51916           TPC<td>TPF         51896           TNV         51896           TNV         51896           TOA         51896           TOA         51896           TOB         51896           TOB         51896           TOB         51896           TOB         51896           TOC         51900           TOC         51901           TOD         51902           TOD         51906           TOB         51906           TOI         51906           TOI         51906           TOI         51906           TOI         51906           TON         51916           TPA         51916           TPA         51916           TPA         51920           TPA         51920           TPA         51921           TPA         51921           TPA         51921           TPA<td>TPF         51896           TNV         51896           TNV         51896           TOA         51896           TOA         51896           TOA         51896           TOB         51896           TOB         51896           TOB         51890           TOC         51900           TOC         51901           TOC         51903           TOC         51906           TOB         51906           TOI         51906           TOI         51906           TOI         51906           TOI         51906           TOI         51906           TOI         51906           TON         51916           TON         51916           TON         51916           TON         51916           TON         51916           TON         51916           TPA         51916           TPA         51920           TPA         51920           TPA         51920           TPA         51920           TPA         51920           TPA<td>TPF         51896           TVV         51896           TVV         51896           TOA         51896           TOA         51896           TOA         51896           TOB         51896           TOB         51896           TOB         51896           TOC         51900           TOC         51901           TOC         51903           TOC         51906           TOB         51906           TOL         51906           TOL         51906           TOL         51906           TOL         51906           TOL         51910           TON         51910           TON         51911           TON         51916           TON<td>TPF         51896           TVV         51896           TVA         51896           TOA         51896           TOA         51896           TOA         51896           TOB         51896           TOB         51896           TOC         51900           TOC         51901           TOC         51902           TOC         51903           TOC         51906           TOC         51906           TOC         51906           TOL         51906           TOL         51906           TOL         51906           TOL         51910           TOC         51910           TON         51911           TON         51916           TON<td>TPF         51890           TVV         51896           TVA         51896           TOA         51896           TOA         51896           TOB         51896           TOB         51896           TOC         51900           TOC         51900           TOC         51901           TOC         51902           TOC         51903           TOC         51906           TOC         51906           TOL         51906           TOL         51906           TOL         51906           TOL         51906           TOL         51910           TOL         51910           TON         51911           TON         51916           TON<td>TPF         51896           TNV         51896           TNV         51896           TOA         51896           TOA         51896           TOA         51896           TOB         51896           TOB         51896           TOB         51890           TOC         51900           TOC         51901           TOB         51903           TOB         51904           TOB         51906           TOI         51906           TOI         51906           TOI         51906           TOI         51910           TOI         51910           TOI         51910           TON         51910           TMR         51920           TMS         51920           TMS</td></td></td></td></td></td></td></td></td></td></td></td></td>  | TPF         51896           TNV         51897           TOA         51896           TOA         51896           TOA         51896           TOB         51896           TOB         51896           TOB         51896           TOB         51896           TOC         51900           TOC         51903           TOF         51903           TOG         51904           TOG         51906           TOI         51906           TOI         51906           TOI         51906           TOI         51906           TOO         51910           TOO         51910           TOO         51910           TOO         51910           TOO         51910           TOS         51911           TOS         51913           TOS         51913           TOS         51914           TOS         51914           TOS         51914           TOS         51914   
   
   | TPF         51896           TNV         51897           TOA         51896           TOA         51896           TOA         51896           TOB         51896           TOB         51896           TOB         51896           TOB         51890           TOC         51900           TOF         51901           TOF         51906           TOI         51906           TOI         51906           TOI         51906           TOI         51906           TOI         51906           TOO         51910           TOR         51911           TOR         51913           TOS         51913           TOS         51913           TOS         51913           TOS         51913           TOI         51913           TOI         51913           TOI         51913           TOI         51914           TOI         51914           TOI         51914           TOI         51914   
   
   | TPF         51896           TDA         51896           TDA         51896           TOA         51896           TOA         51896           TOB         51896           TOB         51896           TOB         51890           TOC         51900           TOC         51901           TOC         51902           TOC         51903           TOC         51903           TOI         51903           TOI         51903           TOI         51903           TOI         51903           TOO         51903           TOQ         51903           TOQ         51903           TOQ         51903           TOQ         51913           TOS         51913           TOV         51913           TOV         51914           TOV         51915           TOV         51916           TOV         51916           TOV         51916           TOV         51916           TOV         51916           TOV         51916           TOV <td>TPF         51896           TNV         51896           TNV         51896           TOA         51896           TOA         51896           TOB         51896           TOB         51896           TOB         51896           TOB         51896           TOC         51900           TOC         51901           TOB         51906           TOB         51906           TOI         51906           TOI         51906           TOI         51906           TOI         51906           TOI         51906           TOI         51906           TOS         51910           TOS         51910           TOS         51911           TOV         51912           TOV         51913           TOV         51914           TOV         51915           TOV         51916           TOV         51916           TOV         51916           TOV         51916           TOV         51916           TOV         51916           TOV<td>TPF         51896           TNV         51897           TOA         51896           TOA         51896           TOA         51896           TOB         51896           TOB         51896           TOB         51896           TOB         51890           TOC         51900           TOC         51901           TOB         51906           TOB         51906           TOI         51906           TOI         51906           TOI         51906           TOI         51906           TOO         51910           TOO         51911           TOS         51913           TOS         51914           TON         51913           TOV         51913           TPA         51913           TPA         51913           TPA<td>TPF         51805           TNV         51897           TNV         51897           TOA         51896           TOA         51896           TOB         51896           TOB         51890           TOC         51900           TOC         51900           TOC         51901           TOC         51901           TOC         51901           TOC         51901           TOC         51901           TOI         51901           TOI         51901           TOI         51901           TON         51911           TON         51911           TON         51911           TON         51913           TON         51914           TON         51913           TON         51914           TPA         51914           TPA<td>TPF         51896           TNV         51896           TNV         51896           TOA         51896           TOA         51896           TOA         51896           TOA         51896           TOB         51896           TOB         51896           TOC         51900           TOC         51901           TOC         51903           TOC         51906           TOB         51906           TOI         51906           TOI         51906           TOI         51906           TOI         51906           TON         51910           TON         51910           TON         51910           TON         51911           TON         51913           TON         51916           TOV         51916           TOV         51916           TOV         51916           TPA         51916           TPC         51916           TPC         51916           TPA         51916           TPC         51920           TPC<td>TPF         51896           TNV         51896           TNV         51896           TOA         51896           TOA         51896           TOA         51896           TOA         51896           TOB         51890           TOB         51890           TOC         51900           TOC         51901           TOC         51903           TOC         51903           TOC         51904           TOI         51905           TOI         51906           TOI         51906           TOO         51914           TON         51916           TON         51916           TON         51914           TON         51914           TON         51916           TOV         51916           TPA         51916           TPA         51918           TPA         51918           TPA         51920           TPA         51920           TPA         51920           TPA         51921           TPA         51921           TPA<td>TPF         51896           TNV         51896           TNV         51896           TOA         51896           TOA         51896           TOB         51896           TOB         51896           TOB         51896           TOB         51896           TOC         51900           TOC         51901           TOD         51902           TOD         51906           TOD         51906           TOI         51906           TOI         51906           TOI         51906           TON         51916           TON         51916           TON         51916           TON         51916           TON         51916           TON         51916           TOV         51916           TPA         51916           TPC         51916           TPC         51916           TON         51916           TPC         51916           TPC         51916           TPC         51916           TPC         51916           TPC<td>TPF         51896           TNV         51896           TNV         51896           TOA         51896           TOA         51896           TOB         51896           TOB         51896           TOB         51896           TOB         51896           TOC         51900           TOC         51901           TOD         51902           TOD         51906           TOB         51906           TOI         51906           TOI         51906           TOI         51906           TOI         51906           TON         51916           TPA         51916           TPA         51916           TPA         51920           TPA         51920           TPA         51921           TPA         51921           TPA         51921           TPA<td>TPF         51896           TNV         51896           TNV         51896           TOA         51896           TOA         51896           TOA         51896           TOB         51896           TOB         51896           TOB         51890           TOC         51900           TOC         51901           TOC         51903           TOC         51906           TOB         51906           TOI         51906           TOI         51906           TOI         51906           TOI         51906           TOI         51906           TOI         51906           TON         51916           TON         51916           TON         51916           TON         51916           TON         51916           TON         51916           TPA         51916           TPA         51920           TPA         51920           TPA         51920           TPA         51920           TPA         51920           TPA<td>TPF         51896           TVV         51896           TVV         51896           TOA         51896           TOA         51896           TOA         51896           TOB         51896           TOB         51896           TOB         51896           TOC         51900           TOC         51901           TOC         51903           TOC         51906           TOB         51906           TOL         51906           TOL         51906           TOL         51906           TOL         51906           TOL         51910           TON         51910           TON         51911           TON         51916           TON<td>TPF         51896           TVV         51896           TVA         51896           TOA         51896           TOA         51896           TOA         51896           TOB         51896           TOB         51896           TOC         51900           TOC         51901           TOC         51902           TOC         51903           TOC         51906           TOC         51906           TOC         51906           TOL         51906           TOL         51906           TOL         51906           TOL         51910           TOC         51910           TON         51911           TON         51916           TON<td>TPF         51890           TVV         51896           TVA         51896           TOA         51896           TOA         51896           TOB         51896           TOB         51896           TOC         51900           TOC         51900           TOC         51901           TOC         51902           TOC         51903           TOC         51906           TOC         51906           TOL         51906           TOL         51906           TOL         51906           TOL         51906           TOL         51910   
       TOL         51910           TON         51911           TON         51916           TON<td>TPF         51896           TNV         51896           TNV         51896           TOA         51896           TOA         51896           TOA         51896           TOB         51896           TOB         51896           TOB         51890           TOC         51900           TOC         51901           TOB         51903           TOB         51904           TOB         51906           TOI         51906           TOI         51906           TOI         51906           TOI         51910           TOI         51910           TOI         51910           TON         51910           TMR         51920           TMS         51920           TMS</td></td></td></td></td></td></td></td></td></td></td></td>  | TPF         51896           TNV         51896           TNV         51896           TOA         51896           TOA         51896           TOB         51896           TOB         51896           TOB         51896           TOB         51896           TOC         51900           TOC         51901           TOB         51906           TOB         51906           TOI         51906           TOI         51906           TOI         51906           TOI         51906           TOI         51906           TOI         51906           TOS         51910           TOS         51910           TOS         51911           TOV         51912           TOV         51913           TOV         51914           TOV         51915           TOV         51916           TOV         51916           TOV         51916           TOV         51916           TOV         51916           TOV         51916           TOV <td>TPF         51896           TNV         51897           TOA         51896           TOA         51896           TOA         51896           TOB         51896           TOB         51896           TOB         51896           TOB         51890           TOC         51900           TOC         51901           TOB         51906           TOB         51906           TOI         51906           TOI         51906           TOI         51906           TOI         51906           TOO         51910           TOO         51911           TOS         51913           TOS         51914           TON         51913           TOV         51913           TPA         51913           TPA         51913           TPA<td>TPF         51805           TNV         51897           TNV         51897           TOA         51896           TOA         51896           TOB         51896           TOB         51890           TOC         51900           TOC         51900           TOC         51901           TOC         51901           TOC         51901           TOC         51901           TOC         51901           TOI         51901           TOI         51901           TOI         51901           TON         51911           TON         51911           TON         51911           TON         51913           TON         51914           TON         51913           TON         51914           TPA         51914           TPA<td>TPF         51896           TNV         51896           TNV         51896           TOA         51896           TOA         51896           TOA         51896           TOA         51896           TOB         51896           TOB         51896           TOC         51900           TOC         51901           TOC         51903           TOC         51906           TOB         51906           TOI         51906           TOI         51906           TOI         51906           TOI         51906           TON         51910           TON         51910           TON         51910           TON         51911           TON         51913           TON         51916           TOV         51916           TOV         51916           TOV         51916           TPA         51916           TPC         51916           TPC         51916           TPA         51916           TPC         51920           TPC<td>TPF         51896           TNV         51896           TNV         51896           TOA         51896           TOA         51896           TOA         51896           TOA         51896           TOB         51890           TOB         51890           TOC         51900           TOC         51901           TOC         51903           TOC         51903           TOC         51904           TOI         51905           TOI         51906           TOI         51906           TOO         51914           TON         51916           TON         51916           TON         51914           TON         51914           TON         51916           TOV         51916           TPA         51916           TPA         51918           TPA         51918           TPA         51920           TPA         51920           TPA         51920           TPA         51921           TPA         51921           TPA<td>TPF         51896           TNV         51896           TNV         51896           TOA         51896           TOA         51896           TOB         51896           TOB         51896           TOB         51896           TOB         51896           TOC         51900           TOC         51901           TOD         51902           TOD         51906           TOD         51906           TOI         51906           TOI         51906           TOI         51906           TON         51916           TON         51916           TON         51916           TON         51916           TON         51916           TON         51916           TOV         51916           TPA         51916           TPC         51916           TPC         51916           TON         51916           TPC         51916           TPC         51916           TPC         51916           TPC         51916           TPC<td>TPF         51896           TNV         51896           TNV         51896           TOA         51896           TOA         51896           TOB         51896           TOB         51896           TOB         51896           TOB         51896           TOC         51900           TOC         51901           TOD         51902           TOD         51906           TOB         51906           TOI         51906           TOI         51906           TOI         51906           TOI         51906           TON         51916           TPA         51916           TPA         51916           TPA         51920           TPA         51920           TPA         51921           TPA         51921           TPA         51921           TPA<td>TPF         51896           TNV         51896           TNV         51896           TOA         51896           TOA         51896           TOA         51896           TOB         51896           TOB         51896           TOB         51890           TOC         51900           TOC         51901           TOC         51903           TOC         51906           TOB         51906           TOI         51906         
 TOI         51906           TOI         51906           TOI         51906           TOI         51906           TOI         51906           TON         51916           TON         51916           TON         51916           TON         51916           TON         51916           TON         51916           TPA         51916           TPA         51920           TPA         51920           TPA         51920           TPA         51920           TPA         51920           TPA<td>TPF         51896           TVV         51896           TVV         51896           TOA         51896           TOA         51896           TOA         51896           TOB         51896           TOB         51896           TOB         51896           TOC         51900           TOC         51901           TOC         51903           TOC         51906           TOB         51906           TOL         51906           TOL         51906           TOL         51906           TOL         51906           TOL         51910           TON         51910           TON         51911           TON         51916           TON<td>TPF         51896           TVV         51896           TVA         51896           TOA         51896           TOA         51896           TOA         51896           TOB         51896           TOB         51896           TOC         51900           TOC         51901           TOC         51902           TOC         51903           TOC         51906           TOC         51906           TOC         51906           TOL         51906           TOL         51906           TOL         51906           TOL         51910           TOC         51910           TON         51911           TON         51916           TON<td>TPF         51890           TVV         51896           TVA         51896           TOA         51896           TOA         51896           TOB         51896           TOB         51896           TOC         51900           TOC         51900           TOC         51901           TOC         51902           TOC         51903           TOC         51906           TOC         51906           TOL         51906           TOL         51906           TOL         51906           TOL         51906           TOL         51910           TOL         51910           TON         51911           TON         51916           TON<td>TPF         51896           TNV         51896           TNV         51896           TOA         51896           TOA         51896           TOA         51896           TOB         51896           TOB         51896           TOB         51890           TOC         51900           TOC         51901           TOB         51903           TOB         51904           TOB         51906           TOI         51906           TOI         51906           TOI         51906           TOI         51910           TOI         51910           TOI         51910           TON         51910           TMR         51920           TMS         51920           TMS</td></td></td></td></td></td></td></td></td></td></td>  | TPF         51896           TNV         51897           TOA         51896           TOA         51896           TOA         51896           TOB         51896           TOB         51896           TOB         51896           TOB         51890           TOC         51900           TOC         51901           TOB         51906           TOB         51906           TOI         51906           TOI         51906           TOI         51906           TOI         51906           TOO         51910           TOO         51911           TOS         51913           TOS         51914           TON         51913           TOV         51913           TPA         51913           TPA         51913           TPA <td>TPF         51805           TNV         51897           TNV         51897           TOA         51896           TOA         51896           TOB         51896           TOB         51890           TOC         51900           TOC         51900           TOC         51901           TOC         51901           TOC         51901           TOC         51901           TOC         51901           TOI         51901           TOI         51901           TOI         51901           TON         51911           TON         51911           TON         51911           TON         51913           TON         51914           TON         51913           TON         51914           TPA         51914           TPA<td>TPF         51896           TNV         51896           TNV         51896           TOA         51896           TOA         51896           TOA         51896           TOA         51896           TOB         51896           TOB         51896           TOC         51900           TOC         51901           TOC         51903           TOC         51906           TOB         51906           TOI         51906           TOI         51906           TOI         51906           TOI         51906           TON         51910           TON         51910           TON         51910           TON         51911           TON         51913           TON         51916           TOV         51916           TOV         51916           TOV         51916           TPA         51916           TPC         51916           TPC         51916           TPA         51916           TPC         51920           TPC<td>TPF         51896           TNV         51896           TNV         51896           TOA         51896           TOA         51896           TOA         51896           TOA         51896           TOB         51890           TOB         51890           TOC         51900           TOC         51901           TOC         51903           TOC         51903           TOC         51904           TOI         51905           TOI         51906           TOI         51906           TOO         51914           TON         51916           TON         51916           TON         51914           TON         51914           TON         51916           TOV         51916           TPA         51916           TPA         51918           TPA         51918           TPA         51920           TPA         51920           TPA         51920           TPA         51921           TPA         51921           TPA<td>TPF         51896           TNV         51896           TNV         51896           TOA         51896           TOA         51896           TOB         51896           TOB         51896           TOB         51896           TOB         51896           TOC         51900           TOC         51901           TOD         51902           TOD         51906           TOD         51906           TOI         51906           TOI         51906           TOI         51906           TON         51916           TON         51916           TON         51916           TON         51916           TON         51916           TON         51916           TOV         51916           TPA         51916           TPC         51916           TPC         51916           TON         51916           TPC         51916           TPC         51916           TPC         51916           TPC         51916           TPC<td>TPF         51896           TNV         51896           TNV         51896           TOA         51896           TOA         51896           TOB         51896           TOB         51896           TOB         51896           TOB         51896           TOC         51900           TOC         51901           TOD         51902           TOD         51906           TOB         51906           TOI         51906           TOI         51906           TOI         51906           TOI         51906           TON        
51916           TPA         51916           TPA         51916           TPA         51920           TPA         51920           TPA         51921           TPA         51921           TPA         51921           TPA<td>TPF         51896           TNV         51896           TNV         51896           TOA         51896           TOA         51896           TOA         51896           TOB         51896           TOB         51896           TOB         51890           TOC         51900           TOC         51901           TOC         51903           TOC         51906           TOB         51906           TOI         51906           TOI         51906           TOI         51906           TOI         51906           TOI         51906           TOI         51906           TON         51916           TON         51916           TON         51916           TON         51916           TON         51916           TON         51916           TPA         51916           TPA         51920           TPA         51920           TPA         51920           TPA         51920           TPA         51920           TPA<td>TPF         51896           TVV         51896           TVV         51896           TOA         51896           TOA         51896           TOA         51896           TOB         51896           TOB         51896           TOB         51896           TOC         51900           TOC         51901           TOC         51903           TOC         51906           TOB         51906           TOL         51906           TOL         51906           TOL         51906           TOL         51906           TOL         51910           TON         51910           TON         51911           TON         51916           TON<td>TPF         51896           TVV         51896           TVA         51896           TOA         51896           TOA         51896           TOA         51896           TOB         51896           TOB         51896           TOC         51900           TOC         51901           TOC         51902           TOC         51903           TOC         51906           TOC         51906           TOC         51906           TOL         51906           TOL         51906           TOL         51906           TOL         51910           TOC         51910           TON         51911           TON         51916           TON<td>TPF         51890           TVV         51896           TVA         51896           TOA         51896           TOA         51896           TOB         51896           TOB         51896           TOC         51900           TOC         51900           TOC         51901           TOC         51902           TOC         51903           TOC         51906           TOC         51906           TOL         51906           TOL         51906           TOL         51906           TOL         51906           TOL         51910           TOL         51910           TON         51911           TON         51916           TON<td>TPF         51896           TNV         51896           TNV         51896           TOA         51896           TOA         51896           TOA         51896           TOB         51896           TOB         51896           TOB         51890           TOC         51900           TOC         51901           TOB         51903           TOB         51904           TOB         51906           TOI         51906           TOI         51906           TOI         51906           TOI         51910           TOI         51910           TOI         51910           TON         51910           TMR         51920           TMS         51920           TMS</td></td></td></td></td></td></td></td></td></td>   | TPF         51805           TNV         51897           TNV         51897           TOA         51896           TOA         51896           TOB         51896           TOB         51890           TOC         51900           TOC         51900           TOC         51901           TOC         51901           TOC         51901           TOC         51901           TOC         51901           TOI         51901           TOI         51901           TOI         51901           TON         51911           TON         51911           TON         51911           TON         51913           TON         51914           TON         51913           TON         51914           TPA         51914           TPA <td>TPF         51896           TNV         51896           TNV         51896           TOA         51896           TOA         51896           TOA         51896           TOA         51896           TOB         51896           TOB         51896           TOC         51900           TOC         51901           TOC         51903           TOC         51906           TOB         51906           TOI         51906           TOI         51906           TOI         51906           TOI         51906           TON         51910           TON         51910           TON         51910           TON         51911           TON         51913           TON         51916           TOV         51916           TOV         51916           TOV         51916           TPA         51916           TPC         51916           TPC         51916           TPA         51916           TPC         51920           TPC<td>TPF         51896           TNV         51896           TNV         51896           TOA         51896           TOA         51896           TOA         51896           TOA         51896           TOB         51890           TOB         51890           TOC         51900           TOC         51901           TOC         51903           TOC         51903           TOC         51904           TOI         51905           TOI         51906           TOI         51906           TOO         51914           TON         51916           TON         51916           TON         51914           TON         51914           TON         51916           TOV         51916           TPA         51916           TPA         51918           TPA         51918           TPA         51920           TPA         51920           TPA         51920           TPA         51921           TPA         51921           TPA<td>TPF         51896           TNV         51896           TNV         51896           TOA         51896           TOA         51896           TOB         51896           TOB         51896           TOB         51896           TOB         51896           TOC         51900           TOC         51901           TOD         51902           TOD         51906           TOD         51906           TOI         51906           TOI         51906           TOI         51906           TON         51916           TON         51916           TON         51916           TON         51916           TON         51916           TON         51916       
   TOV         51916           TPA         51916           TPC         51916           TPC         51916           TON         51916           TPC         51916           TPC         51916           TPC         51916           TPC         51916           TPC<td>TPF         51896           TNV         51896           TNV         51896           TOA         51896           TOA         51896           TOB         51896           TOB         51896           TOB         51896           TOB         51896           TOC         51900           TOC         51901           TOD         51902           TOD         51906           TOB         51906           TOI         51906           TOI         51906           TOI         51906           TOI         51906           TON         51916           TPA         51916           TPA         51916           TPA         51920           TPA         51920           TPA         51921           TPA         51921           TPA         51921           TPA<td>TPF         51896           TNV         51896           TNV         51896           TOA         51896           TOA         51896           TOA         51896           TOB         51896           TOB         51896           TOB         51890           TOC         51900           TOC         51901           TOC         51903           TOC         51906           TOB         51906           TOI         51906           TOI         51906           TOI         51906           TOI         51906           TOI         51906           TOI         51906           TON         51916           TON         51916           TON         51916           TON         51916           TON         51916           TON         51916           TPA         51916           TPA         51920           TPA         51920           TPA         51920           TPA         51920           TPA         51920           TPA<td>TPF         51896           TVV         51896           TVV         51896           TOA         51896           TOA         51896           TOA         51896           TOB         51896           TOB         51896           TOB         51896           TOC         51900           TOC         51901           TOC         51903           TOC         51906           TOB         51906           TOL         51906           TOL         51906           TOL         51906           TOL         51906           TOL         51910           TON         51910           TON         51911           TON         51916           TON<td>TPF         51896           TVV         51896           TVA         51896           TOA         51896           TOA         51896           TOA         51896           TOB         51896           TOB         51896           TOC         51900           TOC         51901           TOC         51902           TOC         51903           TOC         51906           TOC         51906           TOC         51906           TOL         51906           TOL         51906           TOL         51906           TOL         51910           TOC         51910           TON         51911           TON         51916           TON<td>TPF         51890           TVV         51896           TVA         51896           TOA         51896           TOA         51896           TOB         51896           TOB         51896           TOC         51900           TOC         51900           TOC         51901           TOC         51902           TOC         51903           TOC         51906           TOC         51906           TOL         51906           TOL         51906           TOL         51906           TOL         51906           TOL         51910           TOL         51910           TON         51911           TON         51916           TON<td>TPF         51896           TNV         51896           TNV         51896           TOA         51896           TOA         51896           TOA         51896           TOB         51896           TOB         51896           TOB         51890           TOC         51900           TOC         51901           TOB         51903           TOB         51904           TOB         51906           TOI         51906           TOI         51906           TOI         51906           TOI         51910           TOI         51910           TOI         51910           TON         51910           TMR         51920           TMS         51920           TMS</td></td></td></td></td></td></td></td></td>   | TPF         51896           TNV         51896           TNV         51896           TOA         51896           TOA         51896           TOA         51896           TOA         51896           TOB         51896           TOB         51896           TOC         51900           TOC         51901           TOC         51903           TOC         51906           TOB         51906           TOI         51906           TOI         51906           TOI         51906           TOI         51906           TON         51910           TON         51910           TON         51910           TON         51911           TON         51913           TON         51916           TOV         51916           TOV         51916           TOV         51916           TPA         51916           TPC         51916           TPC         51916           TPA         51916           TPC         51920           TPC <td>TPF         51896           TNV         51896           TNV         51896           TOA         51896           TOA         51896           TOA         51896           TOA         51896           TOB         51890           TOB         51890           TOC         51900           TOC         51901           TOC         51903           TOC         51903           TOC         51904           TOI         51905           TOI         51906           TOI         51906           TOO         51914           TON         51916           TON         51916           TON         51914           TON         51914           TON         51916           TOV         51916           TPA         51916           TPA         51918           TPA         51918           TPA         51920           TPA         51920           TPA         51920           TPA         51921           TPA         51921           TPA<td>TPF         51896           TNV         51896           TNV         51896           TOA         51896           TOA         51896           TOB         51896           TOB         51896           TOB         51896           TOB         51896           TOC         51900           TOC         51901           TOD         51902           TOD         51906           TOD         51906           TOI         51906           TOI         51906           TOI         51906           TON         51916           TON         51916           TON         51916           TON         51916           TON         51916           TON         51916           TOV         51916           TPA         51916           TPC 
       51916           TPC         51916           TON         51916           TPC         51916           TPC         51916           TPC         51916           TPC         51916           TPC<td>TPF         51896           TNV         51896           TNV         51896           TOA         51896           TOA         51896           TOB         51896           TOB         51896           TOB         51896           TOB         51896           TOC         51900           TOC         51901           TOD         51902           TOD         51906           TOB         51906           TOI         51906           TOI         51906           TOI         51906           TOI         51906           TON         51916           TPA         51916           TPA         51916           TPA         51920           TPA         51920           TPA         51921           TPA         51921           TPA         51921           TPA<td>TPF         51896           TNV         51896           TNV         51896           TOA         51896           TOA         51896           TOA         51896           TOB         51896           TOB         51896           TOB         51890           TOC         51900           TOC         51901           TOC         51903           TOC         51906           TOB         51906           TOI         51906           TOI         51906           TOI         51906           TOI         51906           TOI         51906           TOI         51906           TON         51916           TON         51916           TON         51916           TON         51916           TON         51916           TON         51916           TPA         51916           TPA         51920           TPA         51920           TPA         51920           TPA         51920           TPA         51920           TPA<td>TPF         51896           TVV         51896           TVV         51896           TOA         51896           TOA         51896           TOA         51896           TOB         51896           TOB         51896           TOB         51896           TOC         51900           TOC         51901           TOC         51903           TOC         51906           TOB         51906           TOL         51906           TOL         51906           TOL         51906           TOL         51906           TOL         51910           TON         51910           TON         51911           TON         51916           TON<td>TPF         51896           TVV         51896           TVA         51896           TOA         51896           TOA         51896           TOA         51896           TOB         51896           TOB         51896           TOC         51900           TOC         51901           TOC         51902           TOC         51903           TOC         51906           TOC         51906           TOC         51906           TOL         51906           TOL         51906           TOL         51906           TOL         51910           TOC         51910           TON         51911           TON         51916           TON<td>TPF         51890           TVV         51896           TVA         51896           TOA         51896           TOA         51896           TOB         51896           TOB         51896           TOC         51900           TOC         51900           TOC         51901           TOC         51902           TOC         51903           TOC         51906           TOC         51906           TOL         51906           TOL         51906           TOL         51906           TOL         51906           TOL         51910           TOL         51910           TON         51911           TON         51916           TON<td>TPF         51896           TNV         51896           TNV         51896           TOA         51896           TOA         51896           TOA         51896           TOB         51896           TOB         51896           TOB         51890           TOC         51900           TOC         51901           TOB         51903           TOB         51904           TOB         51906           TOI         51906           TOI         51906           TOI         51906           TOI         51910           TOI         51910           TOI         51910           TON         51910           TMR         51920           TMS         51920           TMS</td></td></td></td></td></td></td></td>   | TPF         51896           TNV         51896           TNV         51896           TOA         51896           TOA         51896           TOA         51896           TOA         51896           TOB         51890           TOB         51890           TOC         51900           TOC         51901           TOC         51903           TOC         51903           TOC         51904           TOI         51905           TOI         51906           TOI         51906           TOO         51914           TON         51916           TON         51916           TON         51914           TON         51914           TON         51916           TOV         51916           TPA         51916           TPA         51918           TPA         51918           TPA         51920           TPA         51920           TPA         51920           TPA         51921           TPA         51921           TPA <td>TPF         51896           TNV         51896           TNV         51896           TOA         51896           TOA         51896           TOB         51896           TOB         51896           TOB         51896           TOB         51896           TOC         51900           TOC         51901           TOD         51902           TOD         51906           TOD         51906           TOI         51906           TOI         51906           TOI         51906           TON         51916           TON         51916           TON         51916           TON         51916           TON         51916           TON         51916           TOV         51916           TPA         51916           TPC         51916           TPC         51916           TON         51916           TPC         51916           TPC         51916           TPC         51916           TPC         51916           TPC<td>TPF         51896           TNV         51896           TNV         51896           TOA         51896           TOA         51896           TOB         51896           TOB         51896           TOB         51896           TOB         51896           TOC         51900           TOC         51901           TOD         51902           TOD         51906           TOB         51906           TOI         51906           TOI         51906           TOI         51906           TOI         51906           TON         51916           TPA         51916           TPA         51916           TPA         51920           TPA         51920           TPA         51921           TPA         51921           TPA         51921           TPA<td>TPF         51896           TNV         51896           TNV         51896           TOA         51896           TOA         51896           TOA         51896           TOB         51896           TOB         51896           TOB         51890           TOC         51900           TOC         51901           TOC         51903           TOC         51906           TOB         51906           TOI         51906           TOI         51906           TOI         51906           TOI         51906           TOI         51906           TOI         51906           TON         51916           TON         51916           TON         51916           TON         51916           TON         51916           TON         51916           TPA         51916          
TPA         51920           TPA         51920           TPA         51920           TPA         51920           TPA         51920           TPA<td>TPF         51896           TVV         51896           TVV         51896           TOA         51896           TOA         51896           TOA         51896           TOB         51896           TOB         51896           TOB         51896           TOC         51900           TOC         51901           TOC         51903           TOC         51906           TOB         51906           TOL         51906           TOL         51906           TOL         51906           TOL         51906           TOL         51910           TON         51910           TON         51911           TON         51916           TON<td>TPF         51896           TVV         51896           TVA         51896           TOA         51896           TOA         51896           TOA         51896           TOB         51896           TOB         51896           TOC         51900           TOC         51901           TOC         51902           TOC         51903           TOC         51906           TOC         51906           TOC         51906           TOL         51906           TOL         51906           TOL         51906           TOL         51910           TOC         51910           TON         51911           TON         51916           TON<td>TPF         51890           TVV         51896           TVA         51896           TOA         51896           TOA         51896           TOB         51896           TOB         51896           TOC         51900           TOC         51900           TOC         51901           TOC         51902           TOC         51903           TOC         51906           TOC         51906           TOL         51906           TOL         51906           TOL         51906           TOL         51906           TOL         51910           TOL         51910           TON         51911           TON         51916           TON<td>TPF         51896           TNV         51896           TNV         51896           TOA         51896           TOA         51896           TOA         51896           TOB         51896           TOB         51896           TOB         51890           TOC         51900           TOC         51901           TOB         51903           TOB         51904           TOB         51906           TOI         51906           TOI         51906           TOI         51906           TOI         51910           TOI         51910           TOI         51910           TON         51910           TMR         51920           TMS         51920           TMS</td></td></td></td></td></td></td>   | TPF         51896           TNV         51896           TNV         51896           TOA         51896           TOA         51896           TOB         51896           TOB         51896           TOB         51896           TOB         51896           TOC         51900           TOC         51901           TOD         51902           TOD         51906           TOD         51906           TOI         51906           TOI         51906           TOI         51906           TON         51916           TON         51916           TON         51916           TON         51916           TON         51916           TON         51916           TOV         51916           TPA         51916           TPC         51916           TPC         51916           TON         51916           TPC         51916           TPC         51916           TPC         51916           TPC         51916           TPC <td>TPF         51896           TNV         51896           TNV         51896           TOA         51896           TOA         51896           TOB         51896           TOB         51896           TOB         51896           TOB         51896           TOC         51900           TOC         51901           TOD         51902           TOD         51906           TOB         51906           TOI         51906           TOI         51906           TOI         51906           TOI         51906           TON         51916           TPA         51916           TPA         51916           TPA         51920           TPA         51920           TPA         51921           TPA         51921           TPA         51921           TPA<td>TPF         51896           TNV         51896           TNV         51896           TOA         51896           TOA         51896           TOA         51896           TOB         51896           TOB         51896           TOB         51890           TOC         51900           TOC         51901           TOC         51903           TOC         51906           TOB         51906           TOI         51906           TOI         51906           TOI         51906           TOI         51906           TOI         51906           TOI         51906           TON         51916           TON         51916           TON         51916           TON         51916           TON         51916           TON         51916           TPA         51916           TPA         51920           TPA         51920           TPA         51920           TPA         51920           TPA         51920           TPA<td>TPF         51896           TVV         51896           TVV         51896           TOA         51896           TOA         51896           TOA         51896           TOB         51896           TOB         51896           TOB         51896           TOC         51900           TOC         51901           TOC         51903           TOC         51906           TOB         51906           TOL         51906           TOL         51906           TOL         51906           TOL         51906           TOL         51910           TON         51910           TON         51911           TON         51916           TON<td>TPF         51896           TVV         51896           TVA         51896           TOA         51896           TOA         51896           TOA         51896           TOB         51896           TOB         51896           TOC         51900           TOC         51901           TOC         51902           TOC         51903           TOC         51906           TOC         51906           TOC         51906           TOL         51906           TOL         51906           TOL         51906           TOL         51910           TOC         51910           TON         51911           TON         51916           TON<td>TPF         51890           TVV         51896           TVA         51896           TOA         51896           TOA         51896           TOB         51896           TOB         51896           TOC         51900           TOC         51900           TOC         51901           TOC         51902           TOC         51903           TOC         51906           TOC         51906           TOL         51906           TOL         51906           TOL         51906           TOL         51906           TOL         51910           TOL         51910           TON         51911           TON         51916           TON<td>TPF         51896           TNV         51896           TNV         51896           TOA         51896           TOA         51896           TOA         51896           TOB         51896           TOB         51896           TOB         51890           TOC         51900           TOC         51901           TOB         51903    
      TOB         51904           TOB         51906           TOI         51906           TOI         51906           TOI         51906           TOI         51910           TOI         51910           TOI         51910           TON         51910           TMR         51920           TMS         51920           TMS</td></td></td></td></td></td>   | TPF         51896           TNV         51896           TNV         51896           TOA         51896           TOA         51896           TOB         51896           TOB         51896           TOB         51896           TOB         51896           TOC         51900           TOC         51901           TOD         51902           TOD         51906           TOB         51906           TOI         51906           TOI         51906           TOI         51906           TOI         51906           TON         51916           TPA         51916           TPA         51916           TPA         51920           TPA         51920           TPA         51921           TPA         51921           TPA         51921           TPA <td>TPF         51896           TNV         51896           TNV         51896           TOA         51896           TOA         51896           TOA         51896           TOB         51896           TOB         51896           TOB         51890           TOC         51900           TOC         51901           TOC         51903           TOC         51906           TOB         51906           TOI         51906           TOI         51906           TOI         51906           TOI         51906           TOI         51906           TOI         51906           TON         51916           TON         51916           TON         51916           TON         51916           TON         51916           TON         51916           TPA         51916           TPA         51920           TPA         51920           TPA         51920           TPA         51920           TPA         51920           TPA<td>TPF         51896           TVV         51896           TVV         51896           TOA         51896           TOA         51896           TOA         51896           TOB         51896           TOB         51896           TOB         51896           TOC         51900           TOC         51901           TOC         51903           TOC         51906           TOB         51906           TOL         51906           TOL         51906           TOL         51906           TOL         51906           TOL         51910           TON         51910           TON         51911           TON         51916           TON<td>TPF         51896           TVV         51896           TVA         51896           TOA         51896           TOA         51896           TOA         51896           TOB         51896           TOB         51896           TOC         51900           TOC         51901           TOC         51902           TOC         51903           TOC         51906           TOC         51906           TOC         51906           TOL         51906           TOL         51906           TOL         51906           TOL         51910           TOC         51910           TON         51911           TON         51916           TON<td>TPF         51890           TVV         51896           TVA         51896           TOA         51896           TOA         51896           TOB         51896           TOB         51896           TOC         51900           TOC         51900           TOC         51901           TOC         51902           TOC         51903           TOC         51906           TOC         51906           TOL         51906           TOL         51906           TOL         51906           TOL         51906           TOL         51910           TOL         51910           TON         51911           TON         51916           TON<td>TPF         51896           TNV         51896           TNV         51896           TOA         51896           TOA         51896           TOA         51896           TOB         51896           TOB         51896           TOB         51890           TOC         51900           TOC         51901           TOB         51903           TOB         51904           TOB         51906           TOI         51906           TOI         51906           TOI         51906           TOI         51910           TOI         51910           TOI         51910           TON         51910           TMR         51920           TMS         51920           TMS</td></td></td></td></td>  | TPF         51896           TNV         51896           TNV         51896           TOA         51896           TOA         51896           TOA         51896           TOB         51896           TOB         51896           TOB         51890           TOC         51900           TOC         51901           TOC         51903           TOC         51906           TOB         51906           TOI         51906           TOI         51906           TOI         51906           TOI         51906           TOI         51906           TOI         51906           TON         51916           TON         51916           TON         51916           TON         51916           TON         51916           TON         51916           TPA         51916           TPA         51920           TPA         51920           TPA         51920           TPA         51920           TPA         51920           TPA <td>TPF         51896           TVV         51896           TVV         51896           TOA         51896           TOA         51896           TOA         51896           TOB         51896           TOB         51896           TOB         51896           TOC         51900           TOC         51901           TOC         51903           TOC         51906           TOB         51906           TOL         51906           TOL         51906           TOL         51906           TOL         51906           TOL         51910           TON         51910           TON         51911           TON         51916           TON<td>TPF         51896           TVV         51896           TVA         51896           TOA         51896           TOA         51896           TOA         51896           TOB         51896           TOB         51896           TOC         51900           TOC         51901           TOC         51902           TOC         51903           TOC         51906           TOC         51906           TOC         51906           TOL         51906           TOL         51906           TOL         51906           TOL         51910           TOC         51910           TON         51911           TON         51916           TON<td>TPF         51890           TVV         51896           TVA         51896           TOA         51896           TOA         51896           TOB         51896           TOB         51896           TOC         51900           TOC         51900           TOC         51901           TOC         51902           TOC         51903           TOC         51906           TOC         51906           TOL         51906           TOL         51906           TOL         51906           TOL         51906           TOL         51910           TOL         51910           TON         51911           TON         51916           TON<td>TPF         51896           TNV         51896           TNV         51896           TOA         51896           TOA         51896           TOA         51896           TOB         51896           TOB         51896           TOB         51890           TOC         51900           TOC         51901           TOB         51903           TOB         51904           TOB         51906           TOI         51906           TOI         51906           TOI         51906           TOI         51910           TOI         51910           TOI         51910           TON         51910           TMR         51920           TMS         51920           TMS</td></td></td></td>   
   | TPF         51896           TVV         51896           TVV         51896           TOA         51896           TOA         51896           TOA         51896           TOB         51896           TOB         51896           TOB         51896           TOC         51900           TOC         51901           TOC         51903           TOC         51906           TOB         51906           TOL         51906           TOL         51906           TOL         51906           TOL         51906           TOL         51910           TON         51910           TON         51911           TON         51916           TON <td>TPF         51896           TVV         51896           TVA         51896           TOA         51896           TOA         51896           TOA         51896           TOB         51896           TOB         51896           TOC         51900           TOC         51901           TOC         51902           TOC         51903           TOC         51906           TOC         51906           TOC         51906           TOL         51906           TOL         51906           TOL         51906           TOL         51910           TOC         51910           TON         51911           TON         51916           TON<td>TPF         51890           TVV         51896           TVA         51896           TOA         51896           TOA         51896           TOB         51896           TOB         51896           TOC         51900           TOC         51900           TOC         51901           TOC         51902           TOC         51903           TOC         51906           TOC         51906           TOL         51906           TOL         51906           TOL         51906           TOL         51906           TOL         51910           TOL         51910           TON         51911           TON         51916           TON<td>TPF         51896           TNV         51896           TNV         51896           TOA         51896           TOA         51896           TOA         51896           TOB         51896           TOB         51896           TOB         51890           TOC         51900           TOC         51901           TOB         51903           TOB         51904           TOB         51906           TOI         51906           TOI         51906           TOI         51906           TOI         51910           TOI         51910           TOI         51910           TON         51910           TMR         51920           TMS         51920           TMS</td></td></td>  | TPF         51896           TVV         51896           TVA         51896           TOA         51896           TOA         51896           TOA         51896           TOB         51896           TOB         51896           TOC         51900           TOC         51901           TOC         51902           TOC         51903           TOC         51906           TOC         51906           TOC         51906           TOL         51906           TOL         51906           TOL         51906           TOL         51910           TOC         51910           TON         51911           TON         51916           TON <td>TPF         51890           TVV         51896           TVA         51896           TOA         51896           TOA         51896           TOB         51896           TOB         51896           TOC         51900           TOC         51900           TOC         51901           TOC         51902           TOC         51903           TOC         51906           TOC         51906           TOL         51906           TOL         51906           TOL         51906           TOL         51906           TOL         51910           TOL         51910           TON         51911           TON         51916           TON<td>TPF         51896           TNV         51896           TNV         51896           TOA         51896           TOA         51896           TOA         51896           TOB         51896           TOB         51896           TOB         51890           TOC         51900           TOC         51901           TOB         51903           TOB         51904           TOB         51906           TOI         51906           TOI         51906           TOI         51906           TOI         51910           TOI         51910           TOI         51910           TON         51910           TMR         51920           TMS         51920           TMS</td></td>  | TPF         51890           TVV         51896           TVA         51896           TOA         51896           TOA         51896           TOB         51896           TOB         51896           TOC         51900           TOC         51900           TOC         51901           TOC         51902           TOC         51903           TOC         51906           TOC         51906           TOL         51906           TOL         51906           TOL         51906           TOL         51906           TOL         51910           TOL         51910           TON         51911           TON         51916           TON <td>TPF         51896           TNV         51896           TNV         51896           TOA         51896           TOA         51896           TOA         51896           TOB         51896           TOB         51896           TOB         51890           TOC         51900           TOC         51901           TOB         51903           TOB         51904           TOB         51906           TOI         51906           TOI         51906           TOI         51906           TOI         51910           TOI         51910           TOI         51910           TON         51910           TMR         51920           TMS         51920           TMS</td>  | TPF         51896           TNV         51896           TNV         51896           TOA         51896           TOA         51896           TOA         51896           TOB         51896           TOB         51896           TOB         51890           TOC         51900           TOC         51901           TOB         51903           TOB         51904           TOB         51906           TOI         51906           TOI         51906           TOI         51906           TOI         51910           TOI         51910           TOI         51910           TON         51910           TMR         51920           TMS         51920           TMS   |
| Ins - Hse 5709         IPF         318           Ins - Hse 5743         TNV         518           Ins - Hse 5744         TOA         518           Ins - Hse 5745         TOB         518           Ins - Hse 5746         TOC         519           Ins - Hse 5747         TOD         519           Ins - Hse 5748         TOD         519           Ins - Hse 5748         TOD         516           Ins - Hse 5748         TOD         516  | Is - Hse 5743         IPF         318           Is - Hse 5743         TNV         518           Is - Hse 5745         TOA         518           Is - Hse 5746         TOB         519           Is - Hse 5746         TOC         519           Is - Hse 5746         TOC         519           Is - Hse 5746         TOD         519           Is - Hse 5747         TOD         515           Is - Hse 5748         TOD         515           Is - Hse 5748         TOD         515           Is - Hse 5748         TOF         515 | Is - Hee 5743         IPF         518           Is - Hse 5743         TNV         518           Is - Hse 5745         TOA         518           Is - Hse 5745         TOB         518           Is - Hse 5746         TOC         519           Is - Hse 5746         TOC         519           Is - Hse 5746         TOC         519           Is - Hse 5747         TOD         519           Is - Hse 5748         TOE         519           Is - Hse 5748         TOE         519           Is - Hse 5749         TOE         515           Is - Hse 5749         TOE         515           Is - Hse 5749         TOE         515 | s - Hse 5/09         IFF         318           s - Hse 5/43         TNV         518           s - Hse 5/45         TOA         518           s - Hse 5745         TOB         518           s - Hse 5745         TOB         518           s - Hse 5746         TOC         519           s - Hse 5746         TOC         519           s - Hse 5748         TOD         519           s - Hse 5748         TOE         519           s - Hse 5748         TOE         519           s - Hse 5749         TOF         519           s - Hse 5750         TOF         519           s - Hse 5751         TOH         516   | - Inse 5703         Inst 573         Inst 573         103           - Hse 5743         TNV         518           - Hse 5745         TOB         518           - Hse 5746         TOB         519           - Hse 5746         TOC         519           - Hse 5747         TOD         519           - Hse 5748         TOF         519           - Hse 5749         TOF         519           - Hse 5740         TOF         519           - Hse 5740         TOF         519           - Hse 5750         TOG         515           - Hse 5751         TOH         515           - Hse 5752         TOI         515   
   
  | INSE 5743         IPF         318           Hase 5743         TNV         518           Hase 5745         TOA         518           Hase 5745         TOB         518           Hase 5746         TOB         519           Hase 5747         TOB         519           Hase 5749         TOF         519           Hase 5749         TOF         519           Hase 5750         TOG         515           Hase 5751         TOH         515           Hase 5753         TOH         515           Hase 5753         TOH         515  
   
   
  | Hse 5753         TNV         518           Hse 5743         TNV         518           Hse 5745         TOA         518           Hse 5745         TOB         518           Hse 5746         TOC         519           Hse 5747         TOD         519           Hse 5747         TOD         519           Hse 5747         TOD         519           Hse 5748         TOE         519           Hse 5749         TOF         519           Hse 5750         TOH         519           Hse 5751         TOH         519           Hse 5753         TOI         519           Hse 5753         TOI         519           Hse 5754         TON         519   
   
  | - Пее 5/743         IPF         518           Hee 5/743         TNV         518           Hee 5/745         TOB         518           Hee 5/745         TOB         518           Hee 5746         TOC         519           Hee 5747         TOD         519           Hse 5748         TOC         519           Hse 5749         TOC         519           Hse 5750         TOC         519           Hse 5751         TOH         515           Hse 5752         TOI         515           Hse 5753         TOI         515           Hse 5755         TOI         515           Hse 5755         TOL         515  | - HSE 5769         IPF         318           - HSE 5743         TNV         518           - HSE 5744         TOA         518           - HSE 5745         TOB         518           - HSE 5745         TOB         518           - HSE 5746         TOC         519           - HSE 5746         TOD         519           - HSE 5747         TOD         519           - HSE 5749         TOE         519           - HSE 5750         TOF         519           - HSE 5750         TOI         519           - HSE 5751         TOI         519           - HSE 5752         TOI         519           - HSE 5753         TOI         519           - HSE 5755         TOI         519  
   
  | - Пяе 5/143         IPF         518           Hae 5/143         TOA         518           Hae 5/145         TOB         518           Hae 5745         TOB         518           Hae 5746         TOC         519           Hae 5747         TOB         519           Hae 5749         TOF         519           Hae 5749         TOF         519           Hae 5750         TOG         519           Hae 5751         TOH         519           Hae 5751         TOH         519           Hae 5752         TOH         519           Hae 5753         TOH         519           Hae 5753         TOH         519           Hae 5754         TOH         519           Hae 5755         TOH         516           Hae 5753         TOH         516           Hae 5755         TOH         516           Hae 5755         TOH         516           Hae 5756         TOH         516           Hae 5758         TOH         516           Hae 5758         TOH         516   
   | - Hse 57/3         IPF         518           - Hse 57/43         TNV         518           - Hse 57/45         TOB         518           - Hse 57/46         TOC         519           - Hse 57/46         TOC         519           - Hse 57/46         TOC         519           - Hse 57/47         TOD         519           - Hse 57/48         TOC         519           - Hse 57/49         TOF         519           - Hse 57/49         TOF         519           - Hse 57/50         TOH         519           - Hse 57/51    
    TOH         519           - Hse 57/53         TOI         519           - Hse 57/53         TOI         519           - Hse 57/54         TOI         519           - Hse 57/55         TOI         516           - Hse 57/55         TOL         516           - Hse 57/56         TOC         519           - Hse 57/58         TOQ         516           - Hse 57/56         TOC         516           - Hse 57/58         TOQ         516           - Hse 57/58         TOQ         516           - Hse 57/58         TOQ  
   | - Hse 5769         IPF         318           - Hse 5743         TNV         518           - Hse 5745         TOB         518           - Hse 5746         TOB         519           - Hse 5746         TOC         519           - Hse 5746         TOD         519           - Hse 5746         TOD         519           - Hse 5748         TOD         519           - Hse 5749         TOF         519           - Hse 5750         TOP         519           - Hse 5751         TOH         519           - Hse 5753         TOI         519           - Hse 5754         TOI         519           - Hse 5753         TOI         519           - Hse 5754         TOI         519           - Hse 5755         TOI         515           - Hse 5755         TOC         515           - Hse 5756         TOO         515           - Hse 5758         TOO         515 <td>Hse 5743         IPF         518           Hse 5743         TNV         518           Hse 5744         TOA         518           Hse 5745         TOB         518           Hse 5746         TOC         519           Hse 5747         TOD         519           Hse 5748         TOC         519           Hse 5749         TOC         519           Hse 5750         TOC         519           Hse 5751         TOH         519           Hse 5752         TOH         519           Hse 5753         TOI         519           Hse 5754         TOI         519           Hse 5753         TOI         519           Hse 5754         TOI         519           Hse 5755         TOI         515           Hse 5755         TOC         515           Hse 5755         TOC         515           Hse 5755         TOC         515           Hse 5755         TOC         515           Hse 5756         TOC         515           Hse 5753         TOC         515           Hse 5754         TOC         515           Hse 5753</td> <td>Hse 5743         IPF         518           Hse 5743         TNV         518           Hse 5745         TOB         518           Hse 5745         TOB         518           Hse 5745         TOB         518           Hse 5745         TOD         519           Hse 5745         TOD         519           Hse 5749         TOC         519           Hse 5749         TOP         519           Hse 5750         TOP         519           Hse 5751         TOH         519           Hse 5753         TOI         519           Hse 5753         TOI         519           Hse 5753         TOI         519       
   Hse 5755         TOI         519           Hse 5755         TOI         519           Hse 5756         TOO         515           Hse 5758         TOR         515           Hse 5759         TOR         515           Hse 5756         TOR         515           Hse 5760         TOR         515           Hse 5761         TOI         515           Hse 5762         TOI         515           Hse 5762</td> <td>Hse 5743     I.Pr     518       Hse 5744     TOA     518       Hse 5745     TOB     518       Hse 5745     TOB     519       Hse 5746     TOB     519       Hse 5746     TOC     519       Hse 5746     TOC     519       Hse 5746     TOB     519       Hse 5748     TOC     519       Hse 5749     TOF     519       Hse 5750     TOC     519       Hse 5751     TOH     519       Hse 5752     TOH     519       Hse 5753     TOH     519       Hse 5754     TOH     519       Hse 5755     TOL     519       Hse 5756     TOL     519       Hse 5758     TOL     519       Hse 5759     TOC     515       Hse 5750     TOC     515       Hse 5750     TOC     515       Hse 5760     TOC     515       Hse 5760     TOC     515       Hse 5760     TOU     515       Hse 5760     TOU     5</td> <td>Hse 5743         I.Pr         518           Hse 5743         T.NV         518           Hse 5745         T.OA         518           Hse 5745         T.OB         518           Hse 5745         T.OB         518           Hse 5745         T.OD         519           Hse 5746         T.OC         519           Hse 5749         T.OD         519           Hse 5750         T.OD         519           Hse 5751         T.OH         519           Hse 5752         T.OI         519           Hse 5753         T.OI         519           Hse 5754         T.OI         519           Hse 5755         T.OI         519           Hse 5755         T.OI         519           Hse 5755         T.OI         519           Hse 5756         T.OI         519           Hse 5756         T.OI         519           Hse 5753         T.OI         519           Hse 5756         T.OI         519           Hse 5758         T.OI         519           Hse 5763         T.OI         519           Hse 5763         T.OI         519           <td< td=""><td>Hee 5709         I.Pr         518           Hee 5743         T/N         518           Hee 5744         T/OA         518           Hee 5745         T/OB         518           Hee 5745         T/OB         518           Hee 5746         T/OC         519           Hee 5746         T/OD         519           Hee 5749         T/OE         519           Hee 5740         T/OE         519           Hee 5750         T/OE         519           Hee 5751         T/OH         519           Hee 5752         T/OH         519           Hee 5753         T/OH         519           Hee 5754         T/OH         519           Hee 5755         T/OH         519           Hee 5756         T/OH         519           Hee 5753         T/OH         519           Hee 5756         T/OH         519           Hee 5753         T/OH         519           Hee 5769         T/OH         519           Hee 5769         T/OH         519           Hee 5763         T/OH         519           Hee 5763         T/OH         519</td><td>Ise 5769         IPF         318           Ise 5743         TNV         518           Ise 5745         TOB         518           Ise 5745         TOB         518           Ise 5746         TOC         519           Ise 5745         TOB         519           Ise 5746         TOB         519           Ise 5748         TOC         519           Ise 5749         TOF         519           Ise 5750         TOH         519           Ise 5751         TOH         519           Ise 5752         TOH         519           Ise 5753         TOH         519           Ise 5754         TOH         519           Ise 5755         TOL         519           Ise 5756         TOL         519           Ise 5756         TOL         519           Ise 5756         TOL         519           Ise 5760         TON         519           Ise 5763         TOU         519           Ise 5763         TOU         519           Ise 5763         TOU         519           Ise 5763         TOU         519           Ise 5763</td><td>se 5743         IPF         318           se 5744         TOA         518           se 5745         TOB         518           se 5746         TOC         519           se 5743         TOC         519           se 5746         TOC         519           se 5748         TOC         519           se 5749         TOC         519           se 5750         TOC         519           se 5751         TOH         519           se 5753         TOI         519           se 5754         TON         519           se 5764         TON         519           se 5763         TON         519           se 5763         TON         519           se 5763         TOV         519           se 5763         TOV         519           se 5763         TOV         519           se 5764         TOV         <td< td=""><td>e 5743         TNV         518           e 5743         TNV         518           e 5745         TOB         518           e 5745         TOB         518           e 5746         TOC         519           e 5749         TOC         519           e 5749         TOB         519           e 5749         TOC         519           e 5750         TOC         519           e 5751         TOH         519           e 5753         TOH         519           e 5754         TOH         519           e 5755         TOH         519           e 5755         TOH         519           e 5756         TON         519           e 5755         TON         519           e 5756         TON         519           e 5763         TON         516           e 5764         TPA         516</td><td>57/09         1 Irr         518           57/45         TOA         518           57/45         TOB         518           57/45         TOB         518           57/45         TOB         519           57/45         TOB         519           57750         TOC         519           57751         TOD         519           57752         TOI         519           5752         TOI         519           5753         TOI         519           5754         TOI         519           5753         TOI         519           5754         TOI         519           5755         TOI         519           5756         TOI         519           5758         TOO         519           5759         TOI         519           5761         TOI         519           5763         TOU         519           5764         TPA         519           5763         TOU         519           5764         TPA         519           5763         TOU         519      5770         TPD</td><td>5709         1Pr         518           5744         TOA         518           5745         TOB         518           5745         TOB         518           5746         TOC         519           5746         TOC         519           5746         TOC         519           5748         TOC         519           5749         TOC         519           5751         TOD         519           5752         TOI         519           5753         TOI         519           5754         TOI         519           5755         TOI         519           5754         TOI         519           5755         TOI         519           5756         TOI         519           5758         TOO         516           5759         TOO         516           5760         TOO         519           5761         TOV         516           5763         TOV         516           5764         TPB         516           5764         TOV         516           57763         TOV</td><td>5703         IPF         518           5743         TOV         518           5745         TOB         518           5745         TOB         518           5746         TOC         519           5745         TOB         518           5746         TOC         519           5748         TOC         519           5749         TOC         519           5749         TOC         519           5750         TOC         519           5751         TOH         519           5753         TOI         519           5754         TON         519           5755         TOI         519           5754         TON         519           5755         TON         519           5756         TON         519           5758         TON         519           5761         TON         519           5761         TON         519           5761         TON         519           5761         TON         519           5763         TOU         519           5764         TPD</td><td>5703         IPF         518           5743         TOA         518           5745         TOB         518           5745         TOB         518           5746         TOC         519           5746         TOC         519           5748         TOC         519           5749         TOC         519           5749         TOC         519           5749         TOC         519           5750         TOC         519           5751         TOH         519           5752         TOI         519           5753         TON         519           5754         TON         519           5755         TON         519           5754         TON         519           5755         TON         519           5754         TON         519           5755         TON         519           5756         TON         519           5761         TON         519           5761         TON         519           5761         TON         519           5761         TON</td><td>5709         1PF         518           5744         TOA         518           5744         TOA         518           5745         TOB         518           5746         TOC         519           5746         TOC         519           5747         TOB         519           5748         TOC         519           5749         TOC         519     
     5749         TOC         519           5750         TOC         519           5751         TOH         519           5753         TOL         519           5754         TOC         519           5755         TOL         519           5754         TOC         519           5755         TOC         519           5756         TOC         519           5758         TOO         519           5764         TOV         519           5764         TOV</td><td>5703         1Pr         518           5743         TOA         518           5745         TOB         518           5745         TOB         518           5745         TOB         519           5745         TOB         519           5746         TOC         519           5748         TOC         519           5749         TOC         519           5749         TOC         519           5750         TOC         519           5751         TOH         519           5752         TOI         519           5753         TOO         519           5754         TON         519           5755         TOO         519           5754         TON         519           5755         TON         519           5754         TON         519           5755         TON         519           5754         TON         519           5754         TON         519           5764         TON         519           5764         TON         519           5764         TON</td><td>5763         1 PF         518           5743         TNV         518           5745         TOB         518           5745         TOB         518           5745         TOB         518           5745         TOB         518           5746         TOC         519           574         TOC         519           574         TOD         519           574         TOC         519           574         TOC         519           5750         TOC         519           5751         TOI         519           5753         TOL         519           5754         TOL         519           5755         TOL         519           5756         TON         519           5758         TOV         519           5760         TON         519           5761         TOV         519           5763         TOU         519           5764         TPA         515           5765         TOU         519           5764         TOV         519           5765         TOU</td></td<></td></td<></td>  | Hse 5743         IPF         518           Hse 5743         TNV         518           Hse 5744         TOA         518           Hse 5745         TOB         518           Hse 5746         TOC         519           Hse 5747         TOD         519           Hse 5748         TOC         519           Hse 5749         TOC         519           Hse 5750         TOC         519           Hse 5751         TOH         519           Hse 5752         TOH         519           Hse 5753         TOI         519           Hse 5754         TOI         519           Hse 5753         TOI         519           Hse 5754         TOI         519           Hse 5755         TOI         515           Hse 5755         TOC         515           Hse 5755         TOC         515           Hse 5755         TOC         515           Hse 5755         TOC         515           Hse 5756         TOC         515           Hse 5753         TOC         515           Hse 5754         TOC         515           Hse 5753  
   
                                  | Hse 5743         IPF         518           Hse 5743         TNV         518           Hse 5745         TOB         518           Hse 5745         TOB         518           Hse 5745         TOB         518           Hse 5745         TOD         519           Hse 5745         TOD         519           Hse 5749         TOC         519           Hse 5749         TOP         519           Hse 5750         TOP         519           Hse 5751         TOH         519           Hse 5753         TOI         519           Hse 5753         TOI         519           Hse 5753         TOI         519           Hse 5755         TOI         519           Hse 5755         TOI         519           Hse 5756         TOO         515           Hse 5758         TOR         515           Hse 5759         TOR         515           Hse 5756         TOR         515           Hse 5760         TOR         515           Hse 5761         TOI         515           Hse 5762         TOI         515           Hse 5762  
  | Hse 5743     I.Pr     518       Hse 5744     TOA     518       Hse 5745     TOB     518       Hse 5745     TOB     519       Hse 5746     TOB     519       Hse 5746     TOC     519       Hse 5746     TOC     519       Hse 5746     TOB     519       Hse 5748     TOC     519       Hse 5749     TOF     519       Hse 5750     TOC     519       Hse 5751     TOH     519       Hse 5752     TOH     519       Hse 5753     TOH     519       Hse 5754     TOH     519       Hse 5755     TOL     519       Hse 5756     TOL     519       Hse 5758     TOL     519       Hse 5759     TOC     515       Hse 5750     TOC     515       Hse 5750     TOC     515       Hse 5760     TOC     515       Hse 5760     TOC     515       Hse 5760     TOU     515       Hse 5760     TOU     5  
   
  | Hse 5743         I.Pr         518           Hse 5743         T.NV         518           Hse 5745         T.OA         518           Hse 5745         T.OB         518           Hse 5745         T.OB         518           Hse 5745         T.OD         519           Hse 5746         T.OC         519           Hse 5749         T.OD         519           Hse 5750         T.OD         519           Hse 5751         T.OH         519           Hse 5752         T.OI         519           Hse 5753         T.OI         519           Hse 5754         T.OI         519           Hse 5755         T.OI         519           Hse 5755         T.OI         519           Hse 5755         T.OI         519           Hse 5756         T.OI         519           Hse 5756         T.OI         519           Hse 5753         T.OI         519           Hse 5756         T.OI         519           Hse 5758         T.OI         519           Hse 5763         T.OI         519           Hse 5763         T.OI         519 <td< td=""><td>Hee 5709         I.Pr         518           Hee 5743         T/N         518           Hee 5744         T/OA         518           Hee 5745         T/OB         518           Hee 5745         T/OB         518           Hee 5746         T/OC         519           Hee 5746         T/OD         519           Hee 5749         T/OE         519           Hee 5740         T/OE         519           Hee 5750         T/OE         519           Hee 5751         T/OH         519           Hee 5752         T/OH         519           Hee 5753         T/OH         519           Hee 5754         T/OH         519           Hee 5755         T/OH         519           Hee 5756         T/OH         519           Hee 5753         T/OH         519           Hee 5756         T/OH         519           Hee 5753         T/OH         519           Hee 5769         T/OH         519           Hee 5769         T/OH         519           Hee 5763         T/OH         519           Hee 5763         T/OH         519</td><td>Ise 5769         IPF         318           Ise 5743         TNV         518           Ise 5745         TOB         518           Ise 5745         TOB         518           Ise 5746         TOC         519           Ise 5745         TOB         519           Ise 5746         TOB         519           Ise 5748         TOC         519           Ise 5749         TOF         519           Ise 5750         TOH         519           Ise 5751         TOH         519           Ise 5752         TOH         519           Ise 5753         TOH         519           Ise 5754         TOH         519           Ise 5755         TOL         519           Ise 5756         TOL         519           Ise 5756         TOL         519           Ise 5756         TOL         519           Ise 5760         TON         519           Ise 5763         TOU         519           Ise 5763         TOU         519           Ise 5763         TOU         519           Ise 5763         TOU         519           Ise 5763</td><td>se 5743         IPF         318           se 5744         TOA         518           se 5745         TOB         518           se 5746         TOC         519           se 5743         TOC         519           se 5746         TOC         519           se 5748         TOC         519           se 5749         TOC         519           se 5750         TOC         519           se 5751         TOH         519           se 5753         TOI         519           se 5754         TON         519           se 5764         TON         519           se 5763         TON         519           se 5763         TON         519           se 5763         TOV         519           se 5763         TOV         519           se 5763         TOV         519           se 5764         TOV         <td< td=""><td>e 5743         TNV         518           e 5743         TNV         518           e 5745         TOB         518           e 5745         TOB         518           e 5746         TOC         519           e 5749         TOC         519           e 5749         TOB         519           e 5749         TOC         519           e 5750         TOC         519           e 5751         TOH         519           e 5753         TOH         519           e 5754         TOH         519           e 5755         TOH         519           e 5755         TOH         519           e 5756         TON         519           e 5755         TON         519           e 5756         TON         519           e 5763         TON         516           e 5764         TPA         516</td><td>57/09         1 Irr         518           57/45         TOA         518           57/45         TOB         518           57/45         TOB         518           57/45         TOB         519           57/45         TOB         519           57750         TOC         519           57751         TOD         519           57752         TOI         519           5752         TOI         519           5753         TOI         519           5754         TOI         519           5753         TOI         519           5754         TOI         519           5755         TOI         519           5756         TOI         519           5758         TOO         519           5759         TOI         519           5761         TOI         519           5763         TOU         519           5764         TPA         519           5763         TOU         519           5764         TPA         519           5763         TOU         519      5770         TPD</td><td>5709         1Pr         518           5744         TOA         518           5745         TOB         518           5745         TOB         518           5746         TOC         519           5746         TOC         519           5746         TOC         519           5748         TOC         519           5749         TOC         519           5751         TOD         519           5752         TOI         519           5753         TOI         519           5754         TOI         519           5755         TOI         519           5754         TOI         519           5755         TOI         519           5756         TOI         519           5758         TOO         516           5759         TOO         516           5760         TOO         519           5761         TOV         516           5763         TOV         516           5764         TPB         516           5764         TOV         516           57763         TOV</td><td>5703         IPF         518           5743         TOV         518           5745         TOB         518           5745         TOB         518           5746         TOC         519           5745         TOB         518           5746         TOC         519           5748         TOC         519           5749         TOC         519           5749         TOC         519           5750         TOC         519           5751         TOH         519           5753         TOI         519           5754         TON         519           5755         TOI         519           5754         TON         519           5755         TON         519           5756         TON         519           5758         TON         519           5761         TON         519           5761         TON         519           5761         TON         519           5761         TON         519           5763         TOU         519           5764         TPD</td><td>5703         IPF         518           5743         TOA         518           5745         TOB         518           5745         TOB         518           5746         TOC         519           5746         TOC         519           5748         TOC         519           5749         TOC         519           5749         TOC         519           5749         TOC         519           5750         TOC         519           5751         TOH         519           5752         TOI         519           5753         TON         519           5754         TON         519           5755         TON         519           5754         TON         519           5755         TON         519           5754         TON         519           5755         TON         519           5756         TON         519           5761         TON         519           5761         TON         519           5761         TON         519           5761         TON</td><td>5709         1PF         518           5744         TOA         518           5744         TOA         518           5745         TOB         518           5746         TOC         519           5746         TOC         519           5747         TOB         519           5748         TOC         519           5749         TOC         519           5749         TOC         519           5750         TOC         519           5751         TOH         519           5753         TOL         519           5754         TOC         519           5755         TOL         519           5754         TOC         519           5755         TOC         519           5756         TOC         519           5758         TOO         519           5764         TOV         519           5764         TOV</td><td>5703         1Pr         518           5743         TOA         518           5745         TOB         518           5745         TOB         518           5745         TOB         519           5745         TOB         519           5746         TOC         519           5748         TOC         519           5749         TOC         519           5749         TOC         519           5750         TOC         519           5751         TOH         519           5752         TOI         519           5753         TOO         519           5754         TON         519           5755        
TOO         519           5754         TON         519           5755         TON         519           5754         TON         519           5755         TON         519           5754         TON         519           5754         TON         519           5764         TON         519           5764         TON         519           5764         TON</td><td>5763         1 PF         518           5743         TNV         518           5745         TOB         518           5745         TOB         518           5745         TOB         518           5745         TOB         518           5746         TOC         519           574         TOC         519           574         TOD         519           574         TOC         519           574         TOC         519           5750         TOC         519           5751         TOI         519           5753         TOL         519           5754         TOL         519           5755         TOL         519           5756         TON         519           5758         TOV         519           5760         TON         519           5761         TOV         519           5763         TOU         519           5764         TPA         515           5765         TOU         519           5764         TOV         519           5765         TOU</td></td<></td></td<>   | Hee 5709         I.Pr         518           Hee 5743         T/N         518           Hee 5744         T/OA         518           Hee 5745         T/OB         518           Hee 5745         T/OB         518           Hee 5746         T/OC         519           Hee 5746         T/OD         519           Hee 5749         T/OE         519           Hee 5740         T/OE         519           Hee 5750         T/OE         519           Hee 5751         T/OH         519           Hee 5752         T/OH         519           Hee 5753         T/OH         519           Hee 5754         T/OH         519           Hee 5755         T/OH         519           Hee 5756         T/OH         519           Hee 5753         T/OH         519           Hee 5756         T/OH         519           Hee 5753         T/OH         519           Hee 5769         T/OH         519           Hee 5769         T/OH         519           Hee 5763         T/OH         519           Hee 5763         T/OH         519  
  | Ise 5769         IPF         318           Ise 5743         TNV         518           Ise 5745         TOB         518           Ise 5745         TOB         518           Ise 5746         TOC         519           Ise 5745         TOB         519           Ise 5746         TOB         519           Ise 5748         TOC         519           Ise 5749         TOF         519           Ise 5750         TOH         519           Ise 5751         TOH         519           Ise 5752         TOH         519           Ise 5753         TOH         519           Ise 5754         TOH         519           Ise 5755         TOL         519           Ise 5756         TOL         519           Ise 5756         TOL         519           Ise 5756         TOL         519           Ise 5760         TON         519           Ise 5763         TOU         519           Ise 5763         TOU         519           Ise 5763         TOU         519           Ise 5763         TOU         519           Ise 5763  
   | se 5743         IPF         318           se 5744         TOA         518           se 5745         TOB         518           se 5746         TOC         519           se 5743         TOC         519           se 5746         TOC         519           se 5748         TOC         519           se 5749         TOC         519           se 5750         TOC         519           se 5751         TOH         519           se 5753         TOI         519           se 5754         TON         519           se 5764         TON         519           se 5763         TON         519           se 5763         TON         519           se 5763         TOV         519           se 5763         TOV         519           se 5763         TOV         519           se 5764         TOV <td< td=""><td>e 5743         TNV         518           e 5743         TNV         518           e 5745         TOB         518           e 5745         TOB         518           e 5746         TOC         519           e 5749         TOC         519           e 5749         TOB         519           e 5749         TOC         519           e 5750         TOC         519           e 5751         TOH         519           e 5753         TOH         519           e 5754         TOH         519           e 5755         TOH         519           e 5755         TOH         519           e 5756         TON         519           e 5755         TON         519           e 5756         TON         519           e 5763         TON         516           e 5764         TPA         516</td><td>57/09         1 Irr         518           57/45         TOA         518           57/45         TOB         518           57/45         TOB         518           57/45         TOB         519           57/45         TOB         519           57750         TOC         519           57751         TOD         519           57752         TOI         519           5752         TOI         519           5753         TOI         519          
5754         TOI         519           5753         TOI         519           5754         TOI         519           5755         TOI         519           5756         TOI         519           5758         TOO         519           5759         TOI         519           5761         TOI         519           5763         TOU         519           5764         TPA         519           5763         TOU         519           5764         TPA         519           5763         TOU         519      5770         TPD</td><td>5709         1Pr         518           5744         TOA         518           5745         TOB         518           5745         TOB         518           5746         TOC         519           5746         TOC         519           5746         TOC         519           5748         TOC         519           5749         TOC         519           5751         TOD         519           5752         TOI         519           5753         TOI         519           5754         TOI         519           5755         TOI         519           5754         TOI         519           5755         TOI         519           5756         TOI         519           5758         TOO         516           5759         TOO         516           5760         TOO         519           5761         TOV         516           5763         TOV         516           5764         TPB         516           5764         TOV         516           57763         TOV</td><td>5703         IPF         518           5743         TOV         518           5745         TOB         518           5745         TOB         518           5746         TOC         519           5745         TOB         518           5746         TOC         519           5748         TOC         519           5749         TOC         519           5749         TOC         519           5750         TOC         519           5751         TOH         519           5753         TOI         519           5754         TON         519           5755         TOI         519           5754         TON         519           5755         TON         519           5756         TON         519           5758         TON         519           5761         TON         519           5761         TON         519           5761         TON         519           5761         TON         519           5763         TOU         519           5764         TPD</td><td>5703         IPF         518           5743         TOA         518           5745         TOB         518           5745         TOB         518           5746         TOC         519           5746         TOC         519           5748         TOC         519           5749         TOC         519           5749         TOC         519           5749         TOC         519           5750         TOC         519           5751         TOH         519           5752         TOI         519           5753         TON         519           5754         TON         519           5755         TON         519           5754         TON         519           5755         TON         519           5754         TON         519           5755         TON         519           5756         TON         519           5761         TON         519           5761         TON         519           5761         TON         519           5761         TON</td><td>5709         1PF         518           5744         TOA         518           5744         TOA         518           5745         TOB         518           5746         TOC         519           5746         TOC         519           5747         TOB         519           5748         TOC         519           5749         TOC         519           5749         TOC         519           5750         TOC         519           5751         TOH         519           5753         TOL         519           5754         TOC         519           5755         TOL         519           5754         TOC         519           5755         TOC         519           5756         TOC         519           5758         TOO         519           5764         TOV         519           5764         TOV</td><td>5703         1Pr         518           5743         TOA         518           5745         TOB         518           5745         TOB         518           5745         TOB         519           5745         TOB         519           5746         TOC         519           5748         TOC         519           5749         TOC         519           5749         TOC         519           5750         TOC         519           5751         TOH         519           5752         TOI         519           5753         TOO         519           5754         TON         519           5755         TOO         519           5754         TON         519           5755         TON         519           5754         TON         519           5755         TON         519           5754         TON         519           5754         TON         519           5764         TON         519           5764         TON         519           5764         TON</td><td>5763         1 PF         518           5743         TNV         518           5745         TOB         518           5745         TOB         518           5745         TOB         518           5745         TOB         518           5746         TOC         519           574         TOC         519           574         TOD         519           574         TOC         519           574         TOC         519           5750         TOC         519           5751         TOI         519           5753         TOL         519           5754         TOL         519           5755         TOL         519           5756         TON         519           5758         TOV         519           5760         TON         519           5761         TOV         519           5763         TOU         519           5764         TPA         515           5765         TOU         519           5764         TOV         519           5765         TOU</td></td<>   | e 5743         TNV         518           e 5743         TNV         518           e 5745         TOB         518           e 5745         TOB         518           e 5746         TOC         519           e 5749         TOC         519           e 5749         TOB         519           e 5749         TOC         519           e 5750         TOC         519           e 5751         TOH         519           e 5753         TOH         519           e 5754         TOH         519           e 5755         TOH         519           e 5755         TOH         519           e 5756         TON         519           e 5755         TON         519           e 5756         TON         519           e 5763         TON         516           e 5764         TPA         516   
  | 57/09         1 Irr         518           57/45         TOA         518           57/45         TOB         518           57/45         TOB         518           57/45         TOB         519           57/45         TOB         519           57750         TOC         519           57751         TOD         519           57752         TOI         519           5752         TOI         519           5753         TOI         519           5754         TOI         519           5753         TOI         519           5754         TOI         519           5755         TOI         519           5756         TOI         519           5758         TOO         519           5759         TOI         519           5761         TOI         519           5763         TOU         519           5764         TPA         519           5763         TOU         519           5764         TPA         519           5763         TOU         519      5770         TPD   
   | 5709         1Pr         518           5744         TOA         518           5745         TOB         518           5745         TOB         518           5746         TOC         519           5746         TOC         519           5746         TOC         519           5748         TOC         519           5749         TOC         519           5751         TOD         519           5752         TOI         519           5753         TOI         519           5754         TOI         519           5755         TOI         519           5754         TOI         519           5755         TOI         519           5756         TOI         519           5758         TOO         516           5759         TOO         516           5760         TOO         519           5761         TOV         516           5763         TOV         516           5764         TPB         516           5764         TOV         516           57763         TOV   
   | 5703         IPF         518           5743         TOV         518           5745         TOB         518           5745         TOB         518           5746         TOC         519           5745         TOB         518           5746         TOC         519           5748         TOC         519           5749         TOC         519           5749         TOC         519           5750         TOC         519           5751         TOH         519           5753         TOI         519           5754         TON         519           5755         TOI         519           5754         TON         519           5755         TON         519           5756         TON         519           5758         TON         519           5761         TON         519           5761         TON         519           5761         TON         519           5761         TON         519           5763         TOU         519           5764         TPD   | 5703         IPF         518           5743         TOA         518           5745         TOB         518           5745         TOB         518           5746         TOC         519           5746         TOC         519           5748         TOC         519           5749         TOC         519           5749         TOC         519           5749         TOC         519           5750         TOC         519           5751         TOH         519           5752         TOI         519           5753         TON         519           5754         TON         519           5755         TON         519           5754         TON         519           5755         TON         519           5754         TON         519           5755         TON         519           5756         TON         519           5761         TON         519           5761         TON         519           5761         TON         519           5761         TON   
  | 5709         1PF         518           5744         TOA         518           5744         TOA         518           5745         TOB         518           5746         TOC         519           5746         TOC         519           5747         TOB         519           5748         TOC         519           5749         TOC         519           5749         TOC         519           5750         TOC         519           5751         TOH         519           5753         TOL         519           5754         TOC         519           5755         TOL         519           5754         TOC         519           5755         TOC         519           5756         TOC         519           5758         TOO         519           5764         TOV  | 5703         1Pr         518           5743         TOA         518           5745         TOB         518           5745         TOB         518           5745         TOB         519           5745         TOB         519           5746         TOC         519           5748         TOC         519           5749         TOC         519           5749         TOC         519           5750         TOC         519           5751         TOH         519           5752         TOI         519           5753         TOO         519           5754         TON         519           5755         TOO         519           5754         TON         519           5755         TON         519           5754         TON         519           5755         TON         519           5754         TON         519           5754         TON         519           5764         TON         519           5764         TON         519           5764         TON  | 5763         1 PF         518           5743         TNV         518           5745         TOB         518           5745         TOB         518           5745         TOB         518           5745         TOB         518           5746         TOC         519           574         TOC         519           574         TOD         519           574         TOC         519           574         TOC         519           5750         TOC         519           5751         TOI         519           5753         TOL         519           5754         TOL         519           5755         TOL         519           5756         TON         519           5758         TOV         519           5760         TON         519           5761         TOV         519           5763         TOU         519           5764         TPA         515           5765         TOU         519           5764         TOV         519           5765         TOU   |
| ns - Hse 5743         TNV         51897           ns - Hse 5744         TOA         51898           ns - Hse 5745         TOB         51899           ns - Hse 5746         TOC         51900           ns - Hse 5747         TOD         51900           ns - Hse 5747         TOD         51900           ns - Hse 5748         TOD         51901   | Is - Hse 5743         TNV         51897           Is - Hse 5744         TOA         51898           Is - Hse 5745         TOB         51899           Is - Hse 5746         TOC         51900           Is - Hse 5746         TOC         51900           Is - Hse 5747         TOD         51900           Is - Hse 5747         TOD         51901           Is - Hse 5748         TOE         51901           Is - Hse 5749         TOF         51903   | is - Hse 5743     TNV     51897       is - Hse 5744     TOA     51898       is - Hse 5745     TOB     51899       is - Hse 5746     TOC     51900       is - Hse 5747     TOD     51901       is - Hse 5748     TOE     51901       is - Hse 5748     TOE     51901       is - Hse 5748     TOE     51901       is - Hse 5749     TOF     51902       is - Hse 5749     TOF     51903       is - Hse 5750     TOG     51904   | s - Hse 5743     TNV     51897       s - Hse 5744     TOA     51898       s - Hse 5745     TOB     51899       s - Hse 5746     TOC     51899       s - Hse 5748     TOD     51900       s - Hse 5748     TOE     51901       s - Hse 5749     TOF     51901       s - Hse 5749     TOF     51902       s - Hse 5750     TOF     51903       s - Hse 5750     TOF     51903  | -Hse 5743         TNV         51897           -Hse 5744         TOA         51898           -Hse 5745         TOB         51899           -Hse 5746         TOC         51899           -Hse 5747         TOD         51900           -Hse 5748         TOD         51901           -Hse 5748         TOE         51901           -Hse 5748         TOE         51902           -Hse 5748         TOF         51902           -Hse 5748         TOF         51903           -Hse 5750         TOF         51903           -Hse 5751         TOH         51903   
   
  | Hse 5743         TNV         51897           Hse 5744         TOA         51898           Hse 5745         TOB         51899           Hse 5746         TOB         51899           Hse 5746         TOC         51900           Hse 5747         TOD         51901           Hse 5748         TOD         51901           Hse 5749         TOF         51902           Hse 5749         TOF         51903           Hse 5749         TOF         51903           Hse 5750         TOG         51903           Hse 5751         TOH         51903           Hse 5753         TOI         51906   
   
   
  | Hse 5743     TNV     51897       Hse 5744     TOA     51898       Hse 5745     TOB     51899       Hse 5746     TOB     51899       Hse 5747     TOD     51900       Hse 5748     TOC     51901       Hse 5749     TOE     51901       Hse 5749     TOE     51903       Hse 5750     TOF     51903       Hse 5751     TOH     51903       Hse 5752     TOH     51906       Hse 5753     TOH     51906       Hse 5753     TOH     51906       Hse 5754     TOH     51906  
   
  | Hse 5743     TNV     51897       Hse 5745     TOA     51898       Hse 5745     TOB     51899       Hse 5745     TOB     51899       Hse 5746     TOC     51900       Hse 5747     TOD     51901       Hse 5748     TOD     51901       Hse 5749     TOF     51903       Hse 5750     TOF     51903       Hse 5751     TOH     51906       Hse 5752     TOI     51906       Hse 5753     TOI     51906       Hse 5753     TOI     51906       Hse 5753     TOI     51906       Hse 5754     TOI     51906       Hse 5755     TOL     51906  | Hse 5743     TNV     51897       Hse 5744     TOA     51898       Hse 5745     TOB     51899       Hse 5746     TOB     51890       Hse 5746     TOC     51900       Hse 5747     TOD     51901       Hse 5748     TOC     51901       Hse 5749     TOE     51901       Hse 5749     TOF     51903       Hse 5749     TOF     51903       Hse 5750     TOG     51903       Hse 5751     TOH     51905       Hse 5753     TOH     51906       Hse 5753     TOI     51906       Hse 5755     TOI     51906       Hse 5755     TOI     51906       Hse 5755     TOI     51908       Hse 5756     TOI     51909   
   
  | Hse 5743         TNV         51897           Hse 5745         TOA         51898           Hse 5745         TOB         51899           Hse 5746         TOC         51899           Hse 5746         TOC         51900           Hse 5748         TOD         51901           Hse 5749         TOD         51901           Hse 5749         TOF         51902           Hse 5749         TOF         51903           Hse 5749         TOF         51903           Hse 5750         TOG         51904           Hse 5751         TOH         51905           Hse 5753         TOH         51906           Hse 5753         TOI         51906           Hse 5753         TOI         51906           Hse 5755         TOI         51906           Hse 5755         TOI         51908           Hse 5755         TOL         51908           Hse 5756         TOC         51909           Hse 5756         TOO         51910           Hse 5758         TOO         51910           Hse 5758         TOQ         51911  
   | -Hse 5743         TNV         51897           -Hse 5745         TOA         51898           -Hse 5745         TOB         51899           -Hse 5746         TOC         51899           -Hse 5746         TOC         51900           -Hse 5747        
TOD         51901           -Hse 5748         TOC         51901           -Hse 5749         TOF         51903           -Hse 5749         TOF         51903           -Hse 5740         TOF         51903           -Hse 5750         TOG         51903           -Hse 5751         TOH         51906           -Hse 5753         TOI         51906           -Hse 5753         TOI         51906           -Hse 5753         TOI         51906           -Hse 5753         TOI         51906           -Hse 5755         TOI         51908           -Hse 5755         TOL         51908           -Hse 5755         TOL         51909           -Hse 5756         TOC         51910           -Hse 5758         TOQ         51911           -Hse 5759         TOR         51912  
  | -Hse 5743     TNV     51897       -Hse 5744     TOA     51898       -Hse 5745     TOB     51899       -Hse 5746     TOC     51809       -Hse 5746     TOC     51900       -Hse 5747     TOD     51901       -Hse 5748     TOC     51901       -Hse 5749     TOF     51903       -Hse 5749     TOF     51903       -Hse 5750     TOF     51906       -Hse 5751     TOH     51906       -Hse 5752     TOH     51906       -Hse 5753     TOH     51906       -Hse 5753     TOI     51906       -Hse 5754     TOI     51906       -Hse 5755     TOI     51906       -Hse 5756     TOI     51906       -Hse 5756     TOC     51907       -Hse 5756     TOC     51908       -Hse 5756     TOC     51908       -Hse 5758     TOC     51911       -Hse 5758     TOC     51912       -Hse 5758     TOC     51913       -Hse 5759     TOR     51913       -Hse 5750     TOR     51913  
   
  | Hse 5743TNV51897Hse 5745TOA51898Hse 5745TOB51899Hse 5746TOC51900Hse 5747TOD51901Hse 5749TOF51903Hse 5750TOF51903Hse 5751TOH51903Hse 5752TOH51906Hse 5753TOH51906Hse 5753TOH51906Hse 5753TOH51906Hse 5753TOH51906Hse 5753TOH51906Hse 5753TON51906Hse 5754TON51906Hse 5755TON51906Hse 5756TON51906Hse 5758TON51911Hse 5758TON51913Hse 5759TON51913Hse 5759TON51913Hse 5758TON51913Hse 5759TON51913Hse 5759TON51913Hse 5759TON51913Hse 5759TON51913Hse 5759TON51913Hse 5759TON51913Hse 5750TON51913Hse 5750TON51913Hse 5750TON51914   
   
  | Hse 5743TNV51897Hse 5744TOA51898Hse 5745TOB51899Hse 5746TOC51900Hse 5747TOD51901Hse 5748TOF51901Hse 5749TOF51903Hse 5749TOF51904Hse 5750TOF51906Hse 5751TOH51906Hse 5752TOI51906Hse 5753TOI51906Hse 5753TOI51906Hse 5755TOI51910Hse 5756TOI51911Hse 5757TOI51911Hse 5758TOO51911Hse 5759TON51911Hse 5756TON51913Hse 5757TON51913Hse 5758TON51913Hse 5759TON51913Hse 5750TON51913Hse 5750TON51913Hse 5750TON51914Hse 5750TON51914Hse 5750TON51914Hse 5760TON51914Hse 5760TON51916Hse 5762TOU51916Hse 5762TOU51916Hse 5762TOU51916   
  | Hse 5743         TNV         51897           Hse 5744         TOA         51898           Hse 5745         TOB         51809           Hse 5745         TOB         51809           Hse 5746         TOC         51900           Hse 5747         TOD         51901           Hse 5747         TOD         51901           Hse 5747         TOD         51902           Hse 5750         TOF         51903           Hse 5751         TOH         51903           Hse 5752         TOH         51906           Hse 5752         TOH         51906           Hse 5753         TOH         51906           Hse 5753         TOH         51906           Hse 5753         TOL         51906           Hse 5754         TOL         51906           Hse 5755         TOL         51910           Hse 5756         TOC         51913           Hse 5756         TOQ         51914           Hse 5756         TOQ         51914           Hse 5756         TOQ         51914           Hse 5763         TOQ         51914           Hse 5763         TOQ         51916 <td>Hse 5743TNV51897Hse 5745TOA51898Hse 5745TOB51899Hse 5746TOC51900Hse 5747TOD51901Hse 5749TOF51903Hse 5749TOF51903Hse 5750TOF51903Hse 5751TOH51906Hse 5752TOH51906Hse 5753TOH51906Hse 5753TOH51906Hse 5753TOH51907Hse 5753TOH51907Hse 5753TOH51906Hse 5753TOH51906Hse 5753TOH51906Hse 5753TOH51907Hse 5753TON51910Hse 5754TON51910Hse 5755TON51911Hse 5756TON51913Hse 5759TON51914Hse 5753TON51914Hse 5763TON51916Hse 5763TOU51916Hse 5763TOU51916Hse 5763TOV51916Hse 5763TOV51916Hse 5763TOV51916Hse 5763TOV51916Hse 5763TOU51916Hse 5763TOV51916Hse 5765TOV51916Hse 5765TOV51916Hse 5765TOV51916Hse 5765TOV51916Hse 5765TOV51916Hse 5765TOV51916H</td> <td>Hse 5743         TNV         51897           Hse 5744         TOA         51899           Hse 5745         TOB         51899           Hse 5746         TOC         51899           Hse 5746         TOC         51900           Hse 5746         TOD         51901           Hse 5747         TOD         51901           Hse 5749         TOC         51902           Hse 5749         TOP         51903           Hse 5750         TOP         51903           Hse 5751         TOH         51906           Hse 5752         TOH         51903           Hse 5753         TOH         51903           Hse 5754         TOH         51906           Hse 5755         TOH         51903           Hse 5754         TOH         51903           Hse 5755         TOH         51913           Hse 5756         TOH         51913           Hse 5756         TOH         51913           Hse 5763         TOH         51913           Hse 5763         TOH         51913           Hse 5763         TOH         51914           Hse 5763         TOH         51914     <td>Ise 5743         TNV         51897           Ise 5744         TOA         51898           Ise 5745         TOB         51899           Ise 5746         TOB         51899           Ise 5746         TOC         51899           Ise 5747         TOD         51900           Ise 5748         TOC         51900           Ise 5749         TOD         51901           Ise 5749         TOP         51903           Ise 5750         TOP         51903           Ise 5751         TOH         51906           Ise 5753         TOI         51906           Ise 5753         TOI         51903           Ise 5753         TOI         51903           Ise 5755         TOI         51903           Ise 5755         TOL       
 51913           Ise 5756         TOC         51913           Ise 5756         TOC         51913           Ise 5756         TOC         51913           Ise 5760         TOC         51914           Ise 5763         TOU         51914           Ise 5763         TOU         51916           Ise 5763         TOU         51916     <td>se 5743       TNV       <math>51897</math>         se 5744       TOA       <math>51899</math>         se 5745       TOB       <math>51899</math>         se 5746       TOC       <math>51900</math>         se 5748       TOD       <math>51901</math>         se 5749       TOE       <math>51901</math>         se 5740       TOE       <math>51901</math>         se 5740       TOE       <math>51901</math>         se 5750       TOE       <math>51903</math>         se 5751       TOH       <math>51903</math>         se 5752       TOH       <math>51904</math>         se 5753       TOH       <math>51906</math>         se 5754       TOH       <math>51906</math>         se 5753       TOH       <math>51906</math>         se 5754       TON       <math>51910</math>         se 5755       TOU       <math>51910</math>         se 5756       TON       <math>51910</math>         se 5758       TON       <math>51910</math>         se 5760       TON       <math>51913</math>         se 5760       TON       <math>51914</math>         se 5760       TON       <math>51916</math>         se 5763       TON       <math>51916</math>         se 5763       TON       <math>51916</math>         se 5763       TON       <math>51916</math> <t< td=""><td>e 5743         TNV         51897           e 5745         TOA         51898           e 5745         TOB         51899           e 5745         TOB         51899           e 5745         TOB         51890           e 5748         TOC         51900           e 5749         TOD         51901           e 5749         TOD         51901           e 5750         TOD         51903           e 5751         TOH         51903           e 5753         TOH         51906           e 5753         TOH         51906           e 5755         TOH         51906           e 5755         TOH         51913           e 5756         TOC         51913           e 5755         TOH         51913           e 5756         TOO         51913           e 5763         TOV         51916           e 5764         TPA         51916           e 5765         <t< td=""><td>5743TNV<math>51897</math><math>5744</math>TOA<math>51898</math><math>5745</math>TOB<math>51899</math><math>5745</math>TOB<math>51899</math><math>5746</math>TOC<math>51900</math><math>5747</math>TOD<math>51901</math><math>5749</math>TOC<math>51901</math><math>5749</math>TOE<math>51901</math><math>5749</math>TOE<math>51901</math><math>5749</math>TOE<math>51901</math><math>5749</math>TOE<math>51901</math><math>5751</math>TOH<math>51903</math><math>5752</math>TOH<math>51906</math><math>5753</math>TOH<math>51906</math><math>5754</math>TOH<math>51906</math><math>5755</math>TON<math>51910</math><math>5756</math>TOC<math>51910</math><math>5756</math>TOC<math>51913</math><math>5756</math>TOC<math>51916</math><math>5756</math>TOC<math>51916</math><math>5756</math>TOU<math>51916</math><math>5756</math>TOU<math>51916</math><math>5756</math>TOU<math>51916</math><math>5756</math>TOU<math>51916</math><math>5761</math>TOV<math>51916</math><math>5762</math>TOU<math>51916</math><math>5763</math>TOU<math>51916</math><math>5764</math>TPA<math>51916</math><math>5763</math>TOU<math>51916</math><math>5764</math>TPA<math>51920</math><math>5766</math>TPB<math>51920</math><math>5767</math>TPB<math>51920</math><math>5767</math>TPD<math>51920</math><math>5767</math>TPD<math>51920</math><math>5770</math>TMR<math>51920</math><math>5720</math>TMS<math>51920</math><math>5720</math>TMS<math>51920</math><math>5721</math>TMT<math>51924</math></td><td>5743         TNV         <math>51897</math> <math>5744</math>         TOA         <math>51898</math> <math>5745</math>         TOB         <math>51899</math> <math>5745</math>         TOB         <math>51899</math> <math>5746</math>         TOC         <math>51900</math> <math>5746</math>         TOD         <math>51901</math> <math>5747</math>         TOD         <math>51901</math> <math>5748</math>         TOC         <math>51902</math> <math>5750</math>         TOD         <math>51903</math> <math>5751</math>         TOD         <math>51904</math> <math>5752</math>         TOH         <math>51904</math> <math>5755</math>         TOH         <math>51906</math> <math>5755</math>         TOH         <math>51906</math> <math>5755</math>         TOH         <math>51906</math> <math>5755</math>         TOL         <math>51906</math> <math>5756</math>         TOL         <math>51906</math> <math>5756</math>         TOL         <math>51910</math> <math>5756</math>         TON         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  | Hse 5743         TNV         51897           Hse 5744         TOA         51899           Hse 5745         TOB         51899           Hse 5746         TOC         51899           Hse 5746         TOC         51900           Hse 5746         TOD         51901           Hse 5747         TOD         51901           Hse 5749         TOC         51902           Hse 5749         TOP         51903           Hse 5750         TOP         51903           Hse 5751         TOH         51906           Hse 5752         TOH         51903           Hse 5753         TOH         51903           Hse 5754         TOH         51906           Hse 5755         TOH         51903           Hse 5754         TOH         51903           Hse 5755         TOH         51913           Hse 5756         TOH         51913           Hse 5756         TOH         51913           Hse 5763         TOH         51913           Hse 5763         TOH         51913           Hse 5763         TOH         51914           Hse 5763         TOH         51914 <td>Ise 5743         TNV         51897           Ise 5744         TOA         51898           Ise 5745         TOB         51899           Ise 5746         TOB         51899           Ise 5746         TOC         51899           Ise 5747         TOD         51900           Ise 5748         TOC         51900           Ise 5749         TOD         51901           Ise 5749         TOP         51903           Ise 5750         TOP         51903           Ise 5751         TOH         51906           Ise 5753         TOI         51906           Ise 5753         TOI         51903           Ise 5753         TOI         51903           Ise 5755         TOI         51903           Ise 5755         TOL         51913           Ise 5756         TOC         51913           Ise 5756         TOC         51913           Ise 5756         TOC         51913           Ise 5760         TOC         51914           Ise 5763         TOU         51914           Ise 5763         TOU         51916           Ise 5763         TOU         51916     <td>se 5743       TNV       <math>51897</math>         se 5744       TOA       <math>51899</math>         se 5745       TOB       <math>51899</math>         se 5746       TOC       <math>51900</math>         se 5748       TOD       <math>51901</math>         se 5749       TOE       <math>51901</math>         se 5740       TOE       <math>51901</math>         se 5740       TOE       <math>51901</math>         se 5750       TOE       <math>51903</math>         se 5751       TOH       <math>51903</math>         se 5752       TOH       <math>51904</math>         se 5753       TOH       <math>51906</math>         se 5754       TOH       <math>51906</math>         se 5753       TOH       <math>51906</math>         se 5754       TON       <math>51910</math>         se 5755       TOU       <math>51910</math>         se 5756       TON       <math>51910</math>         se 5758       TON       <math>51910</math>         se 5760       TON       <math>51913</math>         se 5760       TON       <math>51914</math>         se 5760       TON       <math>51916</math>         se 5763       TON       <math>51916</math>         se 5763       TON       <math>51916</math>         se 5763       TON       <math>51916</math> <t< td=""><td>e 5743         TNV         51897           e 5745         TOA         51898           e 5745         TOB         51899           e 5745         TOB         51899           e 5745         TOB         51890           e 5748         TOC         51900           e 5749         TOD         51901           e 5749         TOD         51901           e 5750         TOD         51903           e 5751         TOH         51903           e 5753         TOH         51906           e 5753         TOH         51906           e 5755         TOH         51906           e 5755         TOH         51913           e 5756         TOC         51913           e 5755         TOH         51913           e 5756         TOO         51913           e 5763         TOV         51916           e 5764         TPA         51916           e 5765         <t<
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  | 5743         TNV $51897$ $5744$ TOA $51898$ $5745$ TOB $51899$ $5745$ TOB $51899$ $5746$ TOC $51900$ $5746$ TOD $51901$ $5747$ TOD $51901$ $5748$ TOC $51902$ $5750$ TOD $51903$ $5751$ TOD $51904$ $5752$ TOH $51904$ $5755$ TOH $51906$ $5755$ TOH $51906$ $5755$ TOH $51906$ $5755$ TOL $51906$ $5756$ TOL $51906$ $5756$ TOL $51910$ $5756$ TON $51913$ $5756$ TON $51914$ $5756$ TON $51916$ $5756$ TON $51916$ $5760$ TON $51916$ $5766$ TON $51916$ </td <td>5743       TNV       <math>51897</math> <math>57445</math>       TOA       <math>51898</math> <math>5745</math>       TOB       <math>51899</math> <math>5746</math>       TOC       <math>51900</math> <math>5747</math>       TOD       <math>51901</math> <math>5747</math>       TOD       <math>51901</math> <math>5747</math>       TOD       <math>51901</math> <math>5748</math>       TOC       <math>51902</math> <math>5770</math>       TOD       <math>51903</math> <math>5771</math>       TOD       <math>51903</math> <math>5751</math>       TOH       <math>51904</math> <math>5752</math>       TOH       <math>51904</math> <math>5752</math>       TOH       <math>51904</math> <math>5755</math>       TOH       <math>51904</math> <math>5755</math>       TOH       <math>51904</math> <math>5755</math>       TOC       <math>51904</math> <math>5756</math>       TOC       <math>51904</math> <math>5756</math>       TOC       <math>51914</math> <math>5756</math>       TOU       <math>51914</math> <math>5776</math>       TON       <math>51916</math> <math>5776</math> <td< td=""><td>5743         TNV         51897           5744         TOA         51898           5745         TOB         51899           5745         TOB         51899           5746         TOC         51900           5747         TOD         51901           5748         TOC         51901           5749         TOD         51901           5749         TOP         51903           5750         TOP         51903           5751         TOH         51903           5752         TOH         51904           5753         TOH         51904           5755         TOH         51904           5755         TOH         51904           5755         TON         51904           5755         TON         51904           5756         TON         51914           5756         TON         51914           5758         TON         51914           5758         TON         51914           5758         TON         51914           5758         TON         51916           57760         TON         51916</td><td>5743       TNV       <math>51897</math> <math>5745</math>       TOA       <math>51899</math> <math>5745</math>       TOB       <math>51899</math> <math>5745</math>       TOB       <math>51899</math> <math>5745</math>       TOB       <math>51900</math> <math>5745</math>       TOD       <math>51900</math> <math>5745</math>       TOD       <math>51901</math> <math>5749</math>       TOD       <math>51901</math> <math>5749</math>       TOD       <math>51901</math> <math>5750</math>       TOD       <math>51903</math> <math>5751</math>       TOH       <math>51903</math> <math>5752</math>       TOH       <math>51906</math> <math>5753</math>       TOH       <math>51906</math> <math>5755</math>       TOH       <math>51906</math> <math>5755</math>       TOH       <math>51906</math> <math>5755</math>       TON       <math>51910</math> <math>5756</math>       TON       <math>51910</math> <math>5776</math>       TON       <math>51910</math> <math>5776</math></td><td>5743         TNV         51897           5744         TOA         51898           5745         TOB         51809           5745         TOB         51809           5746         TOC         51900           5747         TOD         51901           5748         TOC         51901           5749         TOP         51903           5749         TOP         51904           5750         TOP         51904           5751         TOH         51905           5752         TOH         51906           5753         TOH         51906           5755         TOH         51906           5755         TOH         51906           5755         TON         51906           5755
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| 5743       TNV $51897$ $57445$ TOA $51898$ $5745$ TOB $51899$ $5746$ TOC $51900$ $5747$ TOD $51901$ $5747$ TOD $51901$ $5747$ TOD $51901$ $5748$ TOC $51902$ $5770$ TOD $51903$ $5771$ TOD $51903$ $5751$ TOH $51904$ $5752$ TOH $51904$ $5752$ TOH $51904$ $5755$ TOH $51904$ $5755$ TOH $51904$ $5755$ TOC $51904$ $5756$ TOC $51904$ $5756$ TOC $51914$ $5756$ TOU $51914$ $5776$ TON $51916$ $5776$ <td< td=""><td>5743         TNV         51897           5744         TOA         51898           5745         TOB         51899           5745         TOB         51899           5746         TOC         51900           5747         TOD         51901           5748         TOC         51901           5749         TOD         51901           5749         TOP         51903           5750         TOP         51903           5751         TOH         51903           5752         TOH         51904           5753         TOH         51904           5755         TOH         51904           5755         TOH  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| 5743         TNV         51897           5744         TOA         51898           5745         TOB         51899           5745         TOB         51899           5746         TOC         51900           5747         TOD         51901           5748         TOC         51901           5749         TOD         51901           5749         TOP         51903           5750         TOP         51903           5751         TOH         51903           5752         TOH         51904           5753         TOH         51904           5755         TOH         51904           5755         TOH         51904           5755         TON         51904           5755         TON         51904           5756         TON         51914           5756         TON         51914           5758         TON         51914           5758         TON         51914           5758         TON         51914           5758         TON         51916           57760         TON         51916  
   | 5743       TNV $51897$ $5745$ TOA $51899$ $5745$ TOB $51899$ $5745$ TOB $51899$ $5745$ TOB $51900$ $5745$ TOD $51900$ $5745$ TOD $51901$ $5749$ TOD $51901$ $5749$ TOD $51901$ $5750$ TOD $51903$ $5751$ TOH $51903$ $5752$ TOH $51906$ $5753$ TOH $51906$ $5755$ TOH $51906$ $5755$ TOH $51906$ $5755$ TON $51910$ $5756$ TON $51910$ $5776$ TON $51910$ $5776$  | 5743         TNV         51897           5744         TOA         51898           5745         TOB         51809           5745         TOB         51809           5746         TOC         51900           5747         TOD         51901           5748         TOC         51901           5749         TOP         51903           5749         TOP         51904           5750         TOP         51904           5751         TOH         51905           5752         TOH         51906           5753         TOH         51906           5755         TOH         51906           5755         TOH         51906           5755         TON         51906           5755         TON         51906           5756         TON         51906           5756         TON         51916           5758         TON         51916           5759         TON         51916           5760         TON         51916           5761         TON         51916           5776         TON         51916   | 743TNV $51897$ $7743$ TOA $51898$ $8745$ TOB $51899$ $5745$ TOB $51899$ $5746$ TOC $51900$ $5747$ TOD $51901$ $5748$ TOE $51901$ $5749$ TOE $51901$ $5749$ TOE $51903$ $5750$ TOE $51903$ $5750$ TOE $51904$ $5751$ TOH $51903$ $5752$ TOH $51906$ $5753$ TOH $51906$ $5754$ TOH $51906$ $5755$ TON $51913$ $5756$ TON $51913$ $5758$ TON $51913$ $5759$ TON $51913$ $5756$ TON $51913$ $5756$ TON $51913$ $5756$ TON $51913$ $5758$ TON $51913$ $5758$ TON $51913$ $5758$ TON $51913$ $5759$ TON $51913$ $5756$ TON $51913$ $5756$ TON $51920$ $5766$ TON $51920$ $5761$ TON $51922$ $5721$ TMR $51922$ $5721$ TMR $51922$ $5721$ TMS $51922$ $5$  |
| ns - Hse 5744         TOA         51898         \$E           ns - Hse 5745         TOB         51899         \$E           ns - Hse 5746         TOC         51900         \$E           ns - Hse 5747         TOD         51901         \$E           ns - Hse 5748         TOD         51901         \$E           ns - Hse 5748         TOD         51901         \$E   | Is - Hse 5744         TOA         51898         \$E           Is - Hse 5745         TOB         51899         \$E           Is - Hse 5746         TOC         51900         \$E           Is - Hse 5746         TOC         51901         \$E           Is - Hse 5746         TOC         51901         \$E           Is - Hse 5747         TOD         51901         \$E           Is - Hse 5748         TOE         51901         \$E           Is - Hse 5749         TOF         51903         \$E                                 | Is - Hse 5744     TOA     51898     \$6       is - Hse 5745     TOB     51899     \$6       is - Hse 5746     TOC     51900     \$6       is - Hse 5747     TOD     51901     \$6       is - Hse 5748     TOD     51901     \$6       is - Hse 5749     TOD     51901     \$6       is - Hse 5749     TOD     51901     \$6       is - Hse 5749     TOF     51901     \$6       is - Hse 5750     TOF     51903     \$6   | s - Hse 5744     TOA     51898     \$6       s - Hse 5745     TOB     51899     \$6       s - Hse 5746     TOC     51900     \$6       s - Hse 5747     TOD     51901     \$6       s - Hse 5748     TOD     51901     \$6       s - Hse 5749     TOE     51901     \$6       s - Hse 5749     TOE     51901     \$6       s - Hse 5749     TOF     51903     \$6       s - Hse 5750     TOF     51903     \$6  | -Hse 5744         TOA         51898         %E           -Hse 5745         TOB         51809         %E           -Hse 5746         TOC         51900         %E           -Hse 5747         TOD         51901         %E           -Hse 5747         TOD         51901         %E           -Hse 5747         TOD         51901         %E           -Hse 5748         TOE         51901         %E           -Hse 5748         TOE         51901         %E           -Hse 5743         TOF         51903         %E           -Hse 5750         TOF         51903         %E           -Hse 5751         TOH         51905         %E           -Hse 5752         TOI         51906         %E  
   
   | Hse 5744         TOA         51898         %           Hse 5745         TOB         51899         %           Hse 5746         TOC         51900         %           Hse 5748         TOD         51901         %           Hse 5748         TOD         51901         %           Hse 5748         TOD         51901         %           Hse 5748         TOE         51903         %           Hse 5749         TOF         51903         %           Hse 5749         TOF         51903         %           Hse 5750         TOF         51904         %           Hse 5750         TOF         51904         %           Hse 5753         TOI         51905         %           Hse 5753         TOI         51905         %  
   
   
   | Hse 5744         TOA         51898         St           Hse 5745         TOB         51899         St           Hse 5746         TOC         51899         St           Hse 5746         TOC         51900         St           Hse 5746         TOC         51901         St           Hse 5747         TOD         51901         St           Hse 5748         TOD         51901         St           Hse 5749         TOF         51902         St           Hse 5749         TOF         51903         St           Hse 5750         TOG         51903         St           Hse 5751         TOH         51905         St           Hse 5752         TOI         51906         St           Hse 5753         TOI         51906         St           Hse 5753         TOI         51907         St           Hse 5754         TOK         51908         St   
   
   | -Hse 5744         TOA         51898         St           -Hse 5745         TOB         51809         St           Hse 5745         TOB         51809         St           Hse 5746         TOC         51900         St           Hse 5746         TOC         51901         St           Hse 5747         TOD         51901         St           Hse 5748         TOF         51901         St           Hse 5748         TOF         51902         St           Hse 5749         TOF         51902         St           Hse 5750         TOF         51903         St           Hse 5751         TOH         51905         St           Hse 5752         TOI         51906         St           Hse 5753         TOI         51906         St           Hse 5753         TOI         51908         St           Hse 5755         TOL         51908         St           Hse 5755         TOL         51908         St  | - Hse 5744         TOA         51898         %           - Hse 5745         TOB         51809         %           - Hse 5746         TOC         51900         %           - Hse 5746         TOC         51900         %           - Hse 5746         TOC         51901         %           - Hse 5747         TOD         51901         %           - Hse 5743         TOF         51902         %           - Hse 5749         TOF         51902         %           - Hse 5750         TOF         51902         %           - Hse 5751         TOH         51903         %           - Hse 5753         TOI         51906         %           - Hse 5753         TOI         51906         %           - Hse 5755         TOI         51906         %           - Hse 5755         TOI         51906         %           - Hse 5755         TOI         51908         %           - Hse 5756         TOI         51909         %  
   
   | -Hse 5744         TOA         51898         Sc           -Hse 5745         TOB         51809         Sc           -Hse 5746         TOC         51900         Sc           -Hse 5747         TOD         51901         Sc           -Hse 5747         TOD         51901         Sc           -Hse 5748         TOC         51901         Sc           -Hse 5748         TOD         51901         Sc           -Hse 5748         TOF         51903         Sc           -Hse 5750         TOF         51903         Sc           -Hse 5751         TOH         51903         Sc           -Hse 5751         TOH         51904         Sc           -Hse 5753         TOH         51906         Sc           -Hse 5753         TOU         51906         Sc           -Hse 5753         TOL         51906         Sc           -Hse 5755         TOL         51906         Sc           -Hse 5756         TOL         51909         Sc           -Hse 5756         TOL         51910         Sc           -Hse 5757         TOL         51909         Sc           -Hse 5758         TOL   
  | -Hse 5744         TOA         51898         %E           -Hse 5745         TOB         51809         %E           -Hse 5746         TOC         51900         %E           -Hse 5746         TOC         51901         %E           -Hse 5747         TOD         51901         %E           -Hse 5748         TOC         51901         %E           -Hse 5749         TOC         51902        
%E           -Hse 5749         TOF         51903         %E           -Hse 5750         TOC         51904         %E           -Hse 5751         TOH         51905         %E           -Hse 5753         TOH         51905         %E           -Hse 5753         TOL         51906         %E           -Hse 5753         TOL         51905         %E           -Hse 5753         TOL         51906         %E           -Hse 5755         TOL         51906         %E           -Hse 5755         TOL         51906         %E           -Hse 5755         TOL         51909         %E           -Hse 5756         TOL         51910         %E           -Hse 5756         TOL  
  | -Hse 5744         TOA         51898         %           -Hse 5745         TOB         51899         %           -Hse 5746         TOC         51900         %           -Hse 5746         TOD         51901         %           -Hse 5747         TOD         51901         %           -Hse 5748         TOC         51901         %           -Hse 5749         TOE         51903         %           -Hse 5749         TOF         51903         %           -Hse 5750         TOH         51905         %           -Hse 5753         TOH         51906         %           -Hse 5753         TOH         51906         %           -Hse 5753         TOL         51906         %           -Hse 5753         TOL         51906         %           -Hse 5753         TOL         51906         %           -Hse 5755         TOL         51907         %           -Hse 5756         TOL         51910         %           -Hse 5756         TOC         51910         %           -Hse 5756         TOR         51910         %           -Hse 5756         TOR         51910  
   
  | Hse 5744         TOA         51898         Sc           Hse 5745         TOB         51899         Sc           Hse 5745         TOC         51900         Sc           Hse 5746         TOC         51901         Sc           Hse 5747         TOD         51901         Sc           Hse 5748         TOE         51901         Sc           Hse 5749         TOE         51902         Sc           Hse 5750         TOF         51902         Sc           Hse 5750         TOG         51903         Sc           Hse 5751         TOG         51903         Sc           Hse 5753         TOH         51906         Sc           Hse 5753         TOH         51906         Sc           Hse 5753         TOH         51906         Sc           Hse 5755         TOH         51907         Sc           Hse 5755         TOL         51907         Sc           Hse 5756         TOC         51910         Sc           Hse 5756         TOC         51911         Sc           Hse 5750         TOC         51912         Sc           Hse 5750         TOC         51913   
   
  | Hse 5744         TOA         51898         Sc           Hse 5745         TOB         51899         Sc           Hse 5746         TOC         51900         Sc           Hse 5747         TOD         51901         Sc           Hse 5747         TOD         51901         Sc           Hse 5747         TOD         51902         Sc           Hse 5748         TOE         51903         Sc           Hse 5749         TOE         51903         Sc           Hse 5750         TOC         51903         Sc           Hse 5751         TOH         51905         Sc           Hse 5753         TOU         51906         Sc           Hse 5753         TOU         51906         Sc           Hse 5755         TOU         51906         Sc           Hse 5755         TOU         51906         Sc           Hse 5756         TOO         51910   
  | Hse 5744         TOA         51898         56           Hse 5745         TOB         51899         56           Hse 5746         TOC         51900         56           Hse 5746         TOC         51901         56           Hse 5746         TOC         51901         56           Hse 5748         TOE         51902         56           Hse 5749         TOE         51903         56           Hse 5751         TOF         51903         56           Hse 5751         TOF         51904         56           Hse 5752         TOH         51905         56           Hse 5753         TOH         51906         57           Hse 5753         TOL         51906         57           Hse 5753         TOL         51907         57           Hse 5753         TOL         51906         57           Hse 5756         TOL         51907         57           Hse 5756         TOL         51910         57           Hse 5758         TOQ         51911         57           Hse 5758         TOQ         51911         57           Hse 5768         TOQ         51911   
   
  | Hse 5744         TOA         51898         Se           Hse 5745         TOB         51899         Se           Hse 5745         TOD         51900         Se           Hse 5746         TOD         51901         Se           Hse 5746         TOD         51901         Se           Hse 5749         TOF         51902         Se           Hse 5750         TOF         51903         Se           Hse 5751         TOH         51904         Se           Hse 5752         TOH         51906         Se           Hse 5753         TOH         51906         Se           Hse 5753         TOH         51906         Se           Hse 5753         TOH         51907         Se           Hse 5754         TOH         51907         Se           Hse 5755         TOU         51910         Se           Hse 5756         TON         51910         Se           Hse 5756         TON         51910         Se           Hse 5758         TON         51910         Se           Hse 5758         TON         51910         Se           Hse 5758         TON         51910   
  | Hse 5744         TOA         51898         Sc           Hse 5745         TOB         51899         Sc           Hse 5746         TOC         51900         Sc           Hse 5747         TOD         51901         Sc           Hse 5747         TOD         51901         Sc           Hse 5748         TOC         51902         Sc           Hse 5749         TOF         51903         Sc           Hse 5750         TOF         51903         Sc           Hse 5751         TOH         51904         Sc           Hse 5752         TOH         51906         Sc           Hse 5753         TOU         51906         Sc           Hse 5753         TOU         51906         Sc           Hse 5755         TOU         51906         Sc           Hse 5755         TOL         51906         Sc           Hse 5756         TOC         51908         Sc           Hse 5755         TOU         51910         Sc           Hse 5756         TOC         51910         Sc           Hse 5761         TOC         51913         Sc           Hse 5763         TOU         51913   
   | lse 5744         TOA         51898 $\infty$ lse 5745         TOB         51899 $\infty$ lse 5745         TOB         51899 $\infty$ lse 5747         TOD         51901 $\infty$ lse 5747         TOD         51901 $\infty$ lse 5748         TOC         51901 $\infty$ lse 5749         TOD         51901 $\infty$ lse 5749         TOC         51902 $\infty$ lse 5750         TOC         51904 $\infty$ lse 5751         TOH         51906 $\infty$ lse 5753         TOU         51906 $\infty$ lse 5753         TOL         51906 $\infty$ lse 5755         TOL         51906 $\infty$ lse 5756         TOL         51907 $\infty$ lse 5756         TOL         51906 $\infty$ lse 5756         TOL         51910 $\infty$ lse 5760         TON         51910 $\infty$ lse 5760         TON         51916 $\infty$ lse 5763         TON  
  | se 5744         TOA         51898         %           se 5745         TOB         51899         %           se 5745         TOB         51899         %           se 5746         TOC         51901         %           se 5748         TOD         51901         %           se 5748         TOD         51901         %           se 5749         TOD         51902         %           se 5750         TOH         51903         %           se 5751         TOH         51903         %           se 5753         TOH         51906        
%           se 5753         TOL         51913         %           se 5756         TOC         51913         %           se 5756         TOC         51913         %           se 5760         TON         51913         %           se 5763         TOU         51913         %           se 5763         TON         51913         %  | e 5744         TOA         51898         %           e 5745         TOB         51899         %           e 5745         TOB         51899         %           e 5746         TOC         51901         %           e
5748         TOE         51901         %           e 5749         TOE         51901         %           e 5749         TOE         51902         %           e 5750         TOF         51903         %           e 5751         TOH         51906         %           e 5753         TOH         51906         %           e 5753         TOH         51906         %           e 5753         TOH         51906         %           e 5755         TOL         51906         %           e 5755         TOL         51909         %           e 5756         TON         51910         %           e 5756         TON         51911         %           e 5756         TON         51914         %           e 5756         TON         51914         %           e 5761         TON         51916         %           e 5763 <td>57244         TOA         51898         58           57745         TOB         51899         58           57745         TOC         51900         58           5774         TOD         51901         58           5774         TOD         51901         58           5774         TOD         51902         58           57749         TOF         51903         58           57749         TOF         51905         58           5751         TOH         51905         58           5752         TOH         51906         58           5753         TOH         51906         58           5754         TOH         51907         58           5755         TOH         51907         58           5756         TON         51910         58           5756         TON         51914         58           5763         T</td> <td>5744         TOA         51898         56           57745         TOB         51899         56           57745         TOB         51899         56           57745         TOD         51890         56           5774         TOD         51901         56           5774         TOD         51902         56           57749         TOC         51902         56           57749         TOC         51905         56           5755         TOL         51905         56           55753         TOL         51906         56           55753         TOL         51907         57           55754         TOL         51907         57           55755         TOL         51907         57           55756         TOL         51913         57           55756         TOL         51913         57           55757         TOL         51914         57           55758         TOU         51914         57           55758         TOU         51914         57           55763         TOU         51916         57           55763</td> <td>5744         TOA         51898         58           57745         TOB         51899         56           57745         TOC         51900         56           57745         TOD         51901         56           5774         TOD         51901         56           5774         TOD         51902         56           5774         TOF         51902         56           5774         TOF         51905         56           5751         TOH         51905         56           5752         TOH         51906         56           5753         TOH         51906         56           5754         TOH         51906         56           5755         TOH         51906         56           5756         TON         51911         57           5756         TON         51914         57           5756         TON         51916         57           5756         TON         51916         57           5756         TON         51916         57           5760         TON         51916         57           5761         TON</td> <td>5744         TOA         51898         58           5745         TOB         51899         58           5745         TOC         51900         58           5746         TOC         51901         58           5746         TOC         51901         58           5749         TOC         51902         58           5749         TOF         51905         58           5749         TOF         51905         58           5750         TOH         51905         58           5751         TOH         51905         58           55753         TOH         51906         58           55754         TOH         51906         58           55759         TOC         51906         58           55759         TOC         51911         58           55759         TOC         51914         58           55759         TOU         51916         58           55759         TOU         51916         58           55763         TOU         51916         58           55764         TPA         51916         58           55763</td> <td>5744         TOA         51898         58           5745         TOB         51899         58           5745         TOC         51900         58           5746         TOC         51901         58           5748         TOE         51902         58           5749         TOF         51902         58           5749         TOF         51903         58           5750         TOF         51905         58           5751         TOH         51905         58           5752         TOH         51906         58           5753         TOH         51906         58           5754         TOH         51906         58           5755         TON         51906         58           5756         TON         51910         58           5760         TON         51914         58           5763         TON<td>5744         TOA         51898         58           57745         TOB         51899         58           57745         TOC         51901         58           57745         TOD         51901         58           5774         TOD         51901         58           5774         TOD         51902         58           5779         TOF         51903         58           5779         TOF         51905         58           5751         TOH         51905         58           5752         TOH         51906         58           5753         TOH         51906         58           5754         TOH         51906         58           5755         TON         51906         58           5756         TON         51911         58           5756         TON         51911         58           5756         TON         51914         58           5756         TON         51914         58           5756         TON         51916         58           5760         TON         51916         58           5761         TON</td><td>5744         TOA         51898         58           5745         TOB         51899         56           5746         TOC         51901         56           574         TOD         51901         56           574         TOD         51901         56           574         TOD         51902         56           5749         TOD         51902         56           5750         TOD         51903         56           5751         TOH         51905         56           5753         TOU         51906         56           5753         TOU         51906         56           5755         TOU         51906         56           5755         TOU         51906         56           5755         TOU         51906         56           5756         TOU         51914         56           5756         TOU         51915         57           5760         TON         51914         57           5758         TOU         51914         57           5760         TON         51914         57           5761         TON</td></td>  | 57244         TOA         51898         58           57745         TOB         51899         58           57745         TOC         51900         58           5774         TOD         51901         58           5774         TOD         51901         58           5774         TOD         51902         58           57749         TOF         51903         58           57749         TOF         51905         58           5751         TOH         51905         58           5752         TOH         51906         58           5753         TOH         51906         58           5754         TOH         51907         58           5755         TOH         51907         58           5756         TON         51910         58           5756         TON         51914         58           5763         T             
  | 5744         TOA         51898         56           57745         TOB         51899         56           57745         TOB         51899         56           57745         TOD         51890         56           5774         TOD         51901         56           5774         TOD         51902         56           57749         TOC         51902         56           57749         TOC         51905         56           5755         TOL         51905         56           55753         TOL         51906         56           55753         TOL         51907         57           55754         TOL         51907         57           55755         TOL         51907         57           55756         TOL         51913         57           55756         TOL         51913         57           55757         TOL         51914         57           55758         TOU         51914         57           55758         TOU         51914         57           55763         TOU         51916         57           55763   
  | 5744         TOA         51898         58           57745         TOB         51899         56           57745         TOC         51900         56           57745         TOD         51901         56           5774         TOD         51901         56           5774         TOD         51902         56           5774         TOF         51902         56           5774         TOF         51905         56           5751         TOH         51905         56           5752         TOH         51906         56           5753         TOH         51906         56           5754         TOH         51906         56           5755         TOH         51906         56           5756         TON         51911         57           5756         TON         51914         57           5756         TON         51916         57           5756         TON         51916         57           5756         TON         51916         57           5760         TON         51916         57           5761         TON  | 5744         TOA         51898         58           5745         TOB         51899         58           5745         TOC         51900         58           5746         TOC         51901         58           5746         TOC         51901         58           5749         TOC         51902         58           5749         TOF         51905         58           5749         TOF         51905         58           5750         TOH         51905         58           5751         TOH         51905         58           55753         TOH         51906         58           55754         TOH         51906         58           55759         TOC         51906         58           55759         TOC         51911         58           55759         TOC         51914         58           55759         TOU         51916         58           55759         TOU         51916         58           55763         TOU         51916         58           55764         TPA         51916         58           55763  
   | 5744         TOA         51898         58           5745         TOB         51899         58           5745         TOC         51900         58           5746         TOC         51901         58           5748         TOE         51902         58           5749         TOF         51902         58           5749         TOF         51903         58           5750         TOF         51905         58           5751         TOH         51905         58           5752         TOH         51906         58           5753         TOH         51906         58           5754         TOH         51906         58           5755         TON         51906         58           5756         TON         51910         58           5760         TON         51914         58           5763         TON <td>5744         TOA         51898         58           57745         TOB         51899         58           57745         TOC         51901         58           57745         TOD         51901         58           5774         TOD         51901         58           5774         TOD         51902         58           5779         TOF         51903         58           5779         TOF         51905         58           5751         TOH         51905         58           5752         TOH         51906         58           5753         TOH         51906         58           5754         TOH         51906         58           5755         TON         51906         58           5756         TON         51911         58           5756         TON         51911         58           5756         TON         51914         58           5756         TON         51914         58           5756         TON         51916         58           5760         TON         51916         58           5761         TON</td> <td>5744         TOA         51898         58           5745         TOB         51899         56           5746         TOC         51901         56           574         TOD         51901         56           574         TOD         51901         56           574         TOD         51902         56           5749         TOD         51902         56           5750         TOD         51903         56           5751         TOH         51905         56           5753         TOU         51906         56           5753         TOU         51906         56           5755         TOU         51906         56           5755         TOU         51906         56           5755         TOU         51906         56           5756         TOU         51914         56           5756         TOU         51915         57           5760         TON         51914         57           5758         TOU         51914         57           5760         TON         51914         57           5761         TON</td>  | 5744         TOA         51898         58           57745         TOB         51899         58           57745         TOC         51901         58           57745         TOD         51901         58           5774         TOD         51901         58           5774         TOD         51902         58           5779         TOF         51903         58           5779         TOF         51905         58           5751         TOH         51905         58           5752         TOH         51906         58           5753         TOH         51906         58           5754         TOH         51906         58           5755         TON         51906         58           5756         TON         51911         58           5756         TON         51911         58           5756         TON         51914         58           5756         TON         51914         58           5756         TON         51916         58           5760         TON         51916         58           5761         TON   | 5744         TOA         51898         58           5745         TOB         51899         56           5746         TOC         51901         56           574         TOD         51901         56           574         TOD         51901         56           574         TOD         51902         56           5749         TOD         51902         56           5750         TOD         51903         56           5751         TOH         51905         56           5753         TOU         51906         56           5753         TOU         51906         56           5755         TOU         51906         56           5755         TOU         51906         56           5755         TOU         51906         56           5756         TOU         51914         56           5756         TOU         51915         57           5760         TON         51914         57           5758         TOU         51914         57           5760         TON         51914         57           5761         TON   |
| ns - Hse 5745         TOB         51899         \$5           ns - Hse 5746         TOC         51900         \$5           ns - Hse 5747         TOD         51901         \$5           ns - Hse 5747         TOD         51901         \$5           ns - Hse 5748         TOE         51901         \$5   | Is - Hse 5745         TOB         51899         \$5           Is - Hse 5746         TOC         51900         \$5           Is - Hse 5747         TOD         51901         \$5           Is - Hse 5748         TOE         51902         \$5           Is - Hse 5748         TOE         51902         \$5           Is - Hse 5749         TOF         51903         \$5   | Is - Hse 5745     TOB     51899     \$5       Is - Hse 5746     TOC     51900     \$5       Is - Hse 5747     TOD     51901     \$5       Is - Hse 5748     TOE     51902     \$5       Is - Hse 5748     TOE     51903     \$5       Is - Hse 5749     TOF     51903     \$5       Is - Hse 5740     TOF     51903     \$5       Is - Hse 5750     TOG     51904     \$5   | s - Hse 5745     TOB     51899     \$5       s - Hse 5746     TOC     51900     \$5       s - Hse 5747     TOD     51901     \$5       s - Hse 5748     TOE     51902     \$5       s - Hse 5749     TOE     51902     \$5       s - Hse 5749     TOF     51902     \$5       s - Hse 5749     TOF     51903     \$5       s - Hse 5750     TOG     51904     \$5       s - Hse 5751     TOH     51905     \$5   | -Hse 5745         TOB         51899         \$5           -Hse 5746         TOC         51900         \$5           -Hse 5747         TOD         51901         \$5           -Hse 5747         TOD         51901         \$5           -Hse 5748         TOE         51902         \$5           -Hse 5748         TOF         51902         \$5           -Hse 5749         TOF         51903         \$5           -Hse 5750         TOG         51903         \$5           -Hse 5751         TOH         51905         \$5           -Hse 5752         TOH         51906         \$5   
   
  | Hse 5745         TOB         51899         \$5<           Hse 5746         TOC         51900         \$5           Hse 5747         TOD         51901         \$5           Hse 5747         TOD         51901         \$5           Hse 5748         TOE         51902         \$5           Hse 5749         TOF         51903         \$5           Hse 5750         TOG         51904         \$5           Hse 5750         TOH         51904         \$5           Hse 5751         TOH         51905         \$5           Hse 5753         TOH         51906         \$5           Hse 5753         TOH         51906         \$5  
   
   
  | Hse 5745         TOB         51899         \$5<           Hse 5746         TOC         51900         \$5           Hse 5747         TOD         51901         \$5           Hse 5747         TOD         51901         \$5           Hse 5748         TOE         51902         \$5           Hse 5749         TOF         51902         \$5           Hse 5750         TOF         51903         \$5           Hse 5751         TOH         51905         \$5           Hse 5752         TOI         51906         \$5           Hse 5753         TOI         51906         \$5           Hse 5754         TOI         51906         \$5           Hse 5754         TOI         51906         \$5           Hse 5754         TOI         51906         \$5  
   
  | Hse 5745         TOB         51899         \$5<           Hse 5746         TOC         51900         \$5           Hse 5747         TOD         51901         \$5           Hse 5748         TOE         51901         \$5           Hse 5749         TOE         51902         \$5           Hse 5749         TOF         51902         \$5           Hse 5749         TOF         51903         \$5           Hse 5750         TOG         51904         \$5           Hse 5751         TOI         51905         \$5           Hse 5752         TOI         51906         \$5           Hse 5753         TOI         51906         \$5           Hse 5754         TOI         51907         \$5           Hse 5755         TOI         51906         \$5           Hse 5754         TOI         51907         \$5           Hse 5755         TOI         51908         \$5  | Hse 5745     TOB     51899     \$5       Hse 5746     TOC     51900     \$5       Hse 5747     TOD     51901     \$5       Hse 5748     TOE     51902     \$5       Hse 5749     TOE     51902     \$5       Hse 5749     TOF     51903     \$5       Hse 5749     TOF     51903     \$5       Hse 5750     TOF     51904     \$5       Hse 5751     TOH     51905     \$5       Hse 5753     TOH     51906     \$5       Hse 5753     TOJ     51906     \$5       Hse 5753     TOJ     51906     \$5       Hse 5755     TOJ     51907     \$5       Hse 5756     TOL     51909     \$5       Hse 5756     TOD     51910     \$5  
   
   | Hse 5745         TOB         51899         \$5<           Hse 5746         TOC         51900         \$5           Hse 5747         TOD         51901         \$5           Hse 5748         TOE         51901         \$5           Hse 5749         TOE         51902         \$5           Hse 5749         TOF         51903         \$5           Hse 5750         TOF         51904         \$5           Hse 5751         TOH         51905         \$5           Hse 5751         TOH         51906         \$5           Hse 5753         TOH         51906         \$5           Hse 5753         TOH         51906         \$5           Hse 5753         TOU         51906         \$5           Hse 5754         TOL         51906         \$5           Hse 5755         TOL         51908         \$5           Hse 5755         TOL         51909         \$5           Hse 5756         TOD         51910         \$5           Hse 5756         TOD         51910         \$5           Hse 5758         TOO         51911         \$5  
  | -Hse 5745         TOB         51899         \$5<           -Hse 5746         TOC         51900         \$5           -Hse 5747         TOD         51901         \$5           -Hse 5748         TOE         51901         \$5           -Hse 5749         TOE         51901         \$5           -Hse 5749         TOE         51902         \$5           -Hse 5749         TOF   
     51903         \$5           -Hse 5750         TOG         51904         \$5           -Hse 5751         TOH         51905         \$5           -Hse 5752         TOI         51905         \$5           -Hse 5753         TOI         51906         \$5           -Hse 5753         TOI         51906         \$5           -Hse 5755         TOI         51906         \$5           -Hse 5755         TOL         51908         \$5           -Hse 5755         TOL         51909         \$5           -Hse 5756         TOO         51910         \$5           -Hse 5756         TOO         51910         \$5           -Hse 5758         TOO         51910         \$5           -Hse 5758         TOO   
  | -Hse 5745         TOB         51899         \$5<           -Hse 5746         TOC         51900         \$5           -Hse 5747         TOD         51901         \$5           -Hse 5748         TOC         51901         \$5           -Hse 5748         TOD         51901         \$5           -Hse 5749         TOF         51902         \$5           -Hse 5749         TOF         51903         \$5           -Hse 5750         TOG         51904         \$5           -Hse 5751         TOI         51905         \$5           -Hse 5752         TOI         51906         \$5           -Hse 5753         TOI         51906         \$5           -Hse 5753         TOI         51906         \$5           -Hse 5754         TOI         51906         \$5           -Hse 5755         TOL         51909         \$5           -Hse 5755         TOO         51910         \$5           -Hse 5755         TOO         51910         \$5           -Hse 5756         TOO         51911         \$5           -Hse 5758         TOO         51914         \$5           -Hse 5759         TOS   
   
  | Hse 5745TOB51899\$5<Hse 5746TOC51900\$5<   
   
  | Hse 5745TOB51899\$5<Hse 5746TOC51900\$5Hse 5747TOD51901\$5Hse 5748TOE51902\$5Hse 5749TOF51902\$5Hse 5750TOF51903\$5Hse 5751TOH51905\$5Hse 5752TOH51906\$5Hse 5752TOH51906\$5Hse 5753TOI51906\$5Hse 5754TOI51906\$5Hse 5755TOL51908\$5Hse 5755TOO51910\$5Hse 5755TOO51910\$5Hse 5755TOO51910\$5Hse 5755TOO51910\$5Hse 5755TOO51910\$5Hse 5756TOO51910\$5Hse 5755TOO51911\$5Hse 5756TOO51910\$5Hse 5758TOO51911\$5Hse 5758TOO51914\$5Hse 5758TOO51914\$5Hse 5758TOO51914\$5Hse 5756TOU51916\$5Hse 5761TOU51916\$5Hse 5762TOU51916\$5Hse 5762TOU51916\$5Hse 5762TOU51916\$5Hse 5762TOU51916\$5Hse 5762TOU51916\$5Hse 5762TOU51916\$5Hse 5762 <td>Hse 5745         TOB         51899         \$5           Hse 5746         TOC         51901         \$5           Hse 5748         TOC         51901         \$5           Hse 5748         TOC         51901         \$5           Hse 5748         TOC         51901         \$5           Hse 5749         TOF         51902         \$5           Hse 5750         TOF         51903         \$5           Hse 5750         TOG         51906         \$5           Hse 5751         TOH         51905         \$5           Hse 5753         TOJ         51906         \$5           Hse 5753         TOJ         51906         \$5           Hse 5753         TOJ         51908         \$5           Hse 5755         TOL         51908         \$5           Hse 5755         TOL         51908         \$5           Hse 5756         TOC         51911         \$5           Hse 5756         TOC         51911         \$5           Hse 5759         TOC         51912         \$5           Hse 5750         TOC         51912         \$5           Hse 5760         TOC         51912</td> <td>Hse 5745         TOB         51899         \$5&lt;           Hse 5746         TOC         51900         \$5           Hse 5747         TOD         51901         \$5           Hse 5748         TOE         51902         \$5           Hse 5749         TOE         51902         \$5           Hse 5749         TOE         51903         \$5           Hse 5750         TOE         51905         \$5           Hse 5751         TOH         51905         \$5           Hse 5752         TOH         51906         \$5           Hse 5753         TOI         51906         \$5           Hse 5753         TOI         51907         \$5           Hse 5753         TOI         51907         \$5           Hse 5754         TOI         51907         \$5           Hse 5753         TOI         51919         \$5           Hse 5754         TOO         51919         \$5           Hse 5755         TOO         51913         \$5           Hse 5759         TOO         51913         \$5           Hse 5759         TON         51914         \$5           Hse 5760         TON         51914</td> <td>Hse 5745         TOB         51899         \$5&lt;           Hse 5746         TOC         51900         \$5           Hse 5747         TOD         51901         \$5           Hse 5748         TOC         51901         \$5           Hse 5749         TOC         51902         \$5           Hse 5749         TOF         51902         \$5           Hse 5750         TOF         51903         \$5           Hse 5751         TOH         51905         \$5           Hse 5752         TOH         51906         \$5           Hse 5752         TOI         51906         \$5           Hse 5753         TOU         51909         \$5           Hse 5755         TOU         51910         \$5           Hse 5755         TOO         51910         \$5           Hse 5756         TOO         51910         \$5           Hse 5756         TOO         51910         \$5           Hse 5756         TOO         51910         \$5           Hse 5760         TOO         51910         \$5           Hse 5761         TOU         51910         \$5           Hse 5761         TOU         51916</td> <td>Ise 5745         TOB         51899         \$5           Ise 5746         TOC         51901         \$5           Ise 5747         TOD         51901         \$5           Ise 5748         TOC         51902         \$5           Ise 5749         TOF         51902         \$5           Ise 5750         TOF         51903         \$5           Ise 5751         TOH         51906         \$5           Ise 5751         TOH         51906         \$5           Ise 5752         TOI         51906         \$5           Ise 5753         TOJ         51907         \$5           Ise 5753         TOJ         51906         \$5           Ise 5753         TOJ         51907         \$5           Ise 5754         TOL         51909         \$5           Ise 5755         TOL         51910         \$5           Ise 5756         TOQ         51910         \$5           Ise 5756         TOQ         51910         \$5           Ise 5760         TOV         51916         \$5           Ise 5763         TOU         51916         \$5           Ise 5763         TOU         51916</td> <td>se 5745         TOB         51899         <math>\$55</math>           se 5746         TOC         51901         <math>\$55</math>           se 5748         TOE         51901         <math>\$55</math>           se 5749         TOE         51901         <math>\$55</math>           se 5749         TOE         51902         <math>\$55</math>           se 5750         TOE         51903         <math>\$55</math>           se 5751         TOH         51906         <math>\$55</math>           se 5752         TOJ         51906         <math>\$55</math>           se 5753         TOJ         51906         <math>\$55</math>           se 5754         TOL         51906         <math>\$55</math>           se 5756         TOC         51910         <math>\$55</math>           se 5758         TON         51914         <math>\$55</math>           se 5760         TON         51914         <math>\$55</math>           se 5760         TON         51916         <math>\$55</math>           se 5763         TON         51916         <math>\$55</math>           se 5763         <td< td=""><td>e 5745         TOB         51899         %5           e 5746         TOC         51901         %5           e 5748         TOC         51901         %5           e 5748         TOC         51901         %5           e 5749         TOF         51902         %5           e 5750         TOF         51903         %5           e 5751         TOH         51905         %5           e 5753         TOI         51906         %5           e 5753         TOI         51906         %5           e 5753         TOI         51906         %5           e 5753         TOI         51909         %5           e 5754         TOI         51909         %5           e 5755         TOO         51914         %5           e 5756         TOO         51914         %5           e 5753         TOO         51914         %5           e 5756         TOO         51914         %5           e 5756         TOO         51914         %5           e 5763         TOO         51914         %5           e 5763         TOU         51916         %5</td><td>5745         TOB         51899         \$5&lt;           5746         TOC         51901         \$5           5748         TOC         51901         \$5           5748         TOC         51901         \$5           5749         TOC         51901         \$5           5749         TOE         51902         \$5           5750         TOF         51903         \$5           5751         TOH         51906         \$5           5752         TOI         51906         \$5           5753         TOI         51906         \$5           5754         TOI         51906         \$5           5753         TOI         51906         \$5           5754         TOI         51906         \$5           5754         TOO         51919         \$5           5755         TOO         51914         \$5           5756         TOO         51914         \$5           5758         TOO         51914         \$5           5758         TOO         51914         \$5           5758         TOO         51914         \$5           5761         TON<!--</td--><td>5745         TOB         51899         \$55           5746         TOC         51900         \$5           5748         TOD         51901         \$55           5748         TOD         51901         \$55           5749         TOD         51901         \$55           5750         TOF         51903         \$55           5751         TOH         51906         \$55           5752         TOI         51906         \$55           5753         TOI         51906         \$55           5753         TOI         51906         \$55           5754         TOI         51908         \$55           5755         TOI         51909         \$55           5755         TOO         51913         \$55           5756         TOO         51913         \$55           5756         TOO         51913         \$55           5758         TOO         51914         \$55           5760         TON     
   51914         \$55           5760         TON         51916         \$55           5764         TON         51916         \$55           5764</td><td>5745         TOB         51899         \$5&lt;           5746         TOC         51901         \$5           5748         TOC         51901         \$5           5748         TOC         51901         \$5           5749         TOC         51902         \$5           5749         TOF         51902         \$5           5750         TOF         51905         \$5           5751         TOH         51906         \$5           5752         TOU         51906         \$5           5753         TOU         51906         \$5           5753         TOU         51906         \$5           5754         TOU         51907         \$5           5755         TOU         51906         \$5           5754         TOU         51906         \$5           5755         TOU         51913         \$5           5756         TOC         51913         \$5           5756         TOC         51913         \$5           5759         TOC         51913         \$5           5760         TOC         51914         \$5           5761         TOC<!--</td--><td>5745         TOB         51899         \$5&lt;           5746         TOC         51901         \$5           5748         TOC         51901         \$5           5748         TOC         51901         \$5           5749         TOC         51902         \$5           5749         TOF         51903         \$5           5750         TOF         51906         \$5           5751         TOH         51906         \$5           5752         TOI         51906         \$5           5753         TOU         51906         \$5           5755         TOU         51906         \$5           5755         TOU         51907         \$5           5755         TOU         51917         \$5           5756         TOC         51913         \$5           5761         TOC         51913         \$5           5761         TOC<!--</td--><td>5745         TOB         51899         \$5&lt;           5744         TOC         51901         \$5           5743         TOC         51901         \$5           5743         TOC         51901         \$5           5743         TOC         51901         \$5           5749         TOC         51902         \$5           5750         TOC         51905         \$5           5751         TOH         51906         \$5           5752         TOU         51906         \$5           5753         TOU         51906         \$5           5753         TOU         51906         \$5           5753         TOU         51906         \$5           5755         TOU         51910         \$5           5755         TOU         51913         \$5           5756         TOO         51913         \$5           5753         TOO         51913         \$5           5754         TOO         51913         \$5           5754         TOO         51913         \$5           5754         TOU         51913         \$5           5761         TOO<!--</td--><td>5745         TOB         51899         \$55           5746         TOC         51901         \$55           5748         TOC         51901         \$55           5748         TOC         51902         \$55           5749         TOF         51903         \$55           5750         TOF         51903         \$55           5750         TOH         51906         \$55           5751         TOH         51906         \$55           5753         TOJ         51906         \$55           5753         TOJ         51906         \$55           5753         TOJ         51907         \$55           5753         TOJ         51913         \$55           5754         TOA         51913         \$55           5755         TOA         51913         \$55           5756         TOA         51913         \$55           5758         TOA         51913         \$55           5759         TOA         51913         \$55           5759         TOA         51914         \$55           5761         TOA         51916         \$55           5763</td><td>7745         TOB         51899         %5           5746         TOC         51901         %5           5748         TOC         51901         %5           5749         TOC         51902         %5           5749         TOF         51903         %5           5749         TOF         51903         %5           5750         TOH         51906         %5           5751         TOH         51906         %5           5752         TOI         51906         %5           5753         TOI         51906         %5           5753         TOI         51906         %5           5753         TOI         51907         %5           5753         TOO         51913         %5           5754         TOO         51913         %5           5758         TOQ         51913         %5           5758         TOQ         51914         %5           5758         TOQ         51914         %5           5760         TON         51914         %5           5763         TOU         51914         %5           5764         TPN</td></td></td></td></td></td<></td>  | Hse 5745         TOB         51899         \$5           Hse 5746         TOC         51901         \$5           Hse 5748         TOC         51901         \$5           Hse 5748         TOC         51901         \$5           Hse 5748         TOC         51901         \$5           Hse 5749         TOF         51902         \$5           Hse 5750         TOF         51903         \$5           Hse 5750         TOG         51906         \$5           Hse 5751         TOH         51905         \$5           Hse 5753         TOJ         51906         \$5           Hse 5753         TOJ         51906         \$5           Hse 5753         TOJ         51908         \$5           Hse 5755         TOL         51908         \$5           Hse 5755         TOL         51908         \$5           Hse 5756         TOC         51911         \$5           Hse 5756         TOC         51911         \$5           Hse 5759         TOC         51912         \$5           Hse 5750         TOC         51912         \$5           Hse 5760         TOC         51912   
   
  | Hse 5745         TOB         51899         \$5<           Hse 5746         TOC         51900         \$5           Hse 5747         TOD         51901         \$5           Hse 5748         TOE         51902         \$5           Hse 5749         TOE         51902         \$5           Hse 5749         TOE         51903         \$5           Hse 5750         TOE         51905         \$5           Hse 5751         TOH         51905         \$5           Hse 5752         TOH         51906         \$5           Hse 5753         TOI         51906         \$5           Hse 5753         TOI         51907         \$5           Hse 5753         TOI         51907         \$5           Hse 5754         TOI         51907         \$5           Hse 5753         TOI         51919         \$5           Hse 5754         TOO         51919         \$5           Hse 5755         TOO         51913         \$5           Hse 5759         TOO         51913         \$5           Hse 5759         TON         51914         \$5           Hse 5760         TON         51914  
  | Hse 5745         TOB         51899         \$5<           Hse 5746         TOC         51900         \$5           Hse 5747         TOD         51901         \$5           Hse 5748         TOC         51901         \$5           Hse 5749         TOC         51902         \$5           Hse 5749         TOF         51902         \$5           Hse 5750         TOF         51903         \$5           Hse 5751         TOH         51905         \$5           Hse 5752         TOH         51906         \$5           Hse 5752         TOI         51906         \$5           Hse 5753         TOU         51909         \$5           Hse 5755         TOU         51910         \$5           Hse 5755         TOO         51910         \$5           Hse 5756         TOO         51910         \$5           Hse 5756         TOO         51910         \$5           Hse 5756         TOO         51910         \$5           Hse 5760         TOO         51910         \$5           Hse 5761         TOU         51910         \$5           Hse 5761         TOU         51916  
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  | se 5745         TOB         51899 $$55$ se 5746         TOC         51901 $$55$ se 5748         TOE         51901 $$55$ se 5749         TOE         51901 $$55$ se 5749         TOE         51902 $$55$ se 5750         TOE         51903 $$55$ se 5751         TOH         51906 $$55$ se 5752         TOJ         51906 $$55$ se 5753         TOJ         51906 $$55$ se 5754         TOL         51906 $$55$ se 5756         TOC         51910 $$55$ se 5758         TON         51914 $$55$ se 5760         TON         51914 $$55$ se 5760         TON         51916 $$55$ se 5763         TON         51916 $$55$ se 5763 <td< td=""><td>e 5745         TOB         51899         %5           e 5746         TOC         51901    
    %5           e 5748         TOC         51901         %5           e 5748         TOC         51901         %5           e 5749         TOF         51902         %5           e 5750         TOF         51903         %5           e 5751         TOH         51905         %5           e 5753         TOI         51906         %5           e 5753         TOI         51906         %5           e 5753         TOI         51906         %5           e 5753         TOI         51909         %5           e 5754         TOI         51909         %5           e 5755         TOO         51914         %5           e 5756         TOO         51914         %5           e 5753         TOO         51914         %5           e 5756         TOO         51914         %5           e 5756         TOO         51914         %5           e 5763         TOO         51914         %5           e 5763         TOU         51916         %5</td><td>5745         TOB         51899         \$5&lt;           5746         TOC         51901         \$5           5748         TOC         51901         \$5           5748         TOC         51901         \$5           5749         TOC         51901         \$5           5749         TOE         51902         \$5           5750         TOF         51903         \$5           5751         TOH         51906         \$5           5752         TOI         51906         \$5           5753         TOI         51906         \$5           5754         TOI         51906         \$5           5753         TOI         51906         \$5           5754         TOI         51906         \$5           5754         TOO         51919         \$5           5755         TOO         51914         \$5           5756         TOO         51914         \$5           5758         TOO         51914         \$5           5758         TOO         51914         \$5           5758         TOO         51914         \$5           5761         TON<!--</td--><td>5745         TOB         51899         \$55           5746         TOC         51900         \$5           5748         TOD         51901         \$55           5748         TOD         51901         \$55           5749         TOD         51901         \$55           5750         TOF         51903         \$55           5751         TOH         51906         \$55           5752         TOI         51906         \$55           5753         TOI         51906         \$55           5753         TOI         51906         \$55           5754         TOI         51908         \$55           5755         TOI         51909         \$55           5755         TOO         51913         \$55           5756         TOO         51913         \$55           5756         TOO         51913         \$55           5758         TOO         51914         \$55           5760         TON         51914         \$55           5760         TON         51916         \$55           5764         TON         51916         \$55           5764</td><td>5745         TOB         51899         \$5&lt;           5746         TOC         51901         \$5           5748         TOC         51901         \$5           5748         TOC         51901         \$5           5749         TOC         51902         \$5           5749         TOF         51902         \$5           5750         TOF         51905         \$5           5751         TOH         51906         \$5           5752         TOU         51906         \$5           5753         TOU         51906         \$5           5753         TOU         51906         \$5           5754         TOU         51907         \$5           5755         TOU         51906         \$5           5754         TOU         51906         \$5           5755         TOU         51913         \$5           5756         TOC         51913         \$5           5756         TOC         51913         \$5           5759         TOC         51913         \$5           5760         TOC         51914         \$5           5761         TOC<!--</td--><td>5745         TOB         51899         \$5&lt;           5746         TOC         51901         \$5           5748         TOC         51901         \$5           5748         TOC         51901         \$5           5749         TOC         51902         \$5           5749         TOF         51903         \$5           5750         TOF         51906         \$5           5751         TOH         51906         \$5           5752         TOI         51906         \$5           5753         TOU         51906         \$5           5755         TOU         51906         \$5           5755         TOU         51907         \$5           5755         TOU         51917         \$5           5756         TOC         51913         \$5           5761         TOC         51913         \$5           5761         TOC<!--</td--><td>5745         TOB         51899         \$5&lt;           5744         TOC         51901         \$5           5743         TOC         51901         \$5           5743         TOC         51901         \$5           5743         TOC         51901         \$5           5749         TOC         51902         \$5           5750         TOC         51905         \$5           5751         TOH         51906         \$5           5752         TOU         51906         \$5           5753         TOU         51906         \$5           5753         TOU         51906         \$5           5753         TOU         51906         \$5           5755         TOU         51910         \$5           5755         TOU         51913         \$5           5756         TOO         51913         \$5           5753         TOO         51913         \$5           5754         TOO         51913         \$5           5754         TOO         51913         \$5           5754         TOU         51913         \$5           5761         TOO<!--</td--><td>5745         TOB         51899         \$55           5746         TOC         51901         \$55           5748         TOC         51901         \$55           5748         TOC         51902         \$55           5749         TOF         51903         \$55           5750         TOF         51903         \$55           5750         TOH         51906         \$55           5751         TOH         51906         \$55           5753         TOJ         51906         \$55           5753         TOJ         51906         \$55           5753         TOJ         51907         \$55           5753         TOJ         51913         \$55           5754         TOA         51913         \$55           5755         TOA         51913         \$55           5756         TOA         51913         \$55           5758         TOA         51913         \$55           5759         TOA         51913         \$55           5759         TOA         51914         \$55           5761         TOA         51916         \$55           5763</td><td>7745         TOB         51899         %5           5746         TOC         51901         %5           5748         TOC         51901         %5           5749         TOC         51902         %5           5749         TOF         51903         %5           5749         TOF         51903         %5           5750         TOH         51906         %5           5751         TOH         51906         %5           5752         TOI         51906         %5           5753         TOI         51906         %5           5753         TOI         51906         %5           5753         TOI         51907         %5           5753         TOO         51913         %5           5754         TOO         51913         %5           5758         TOQ         51913         %5           5758         TOQ         51914         %5           5758         TOQ         51914         %5           5760         TON         51914         %5           5763         TOU         51914         %5           5764         TPN</td></td></td></td></td></td<>  | e 5745         TOB         51899         %5           e 5746         TOC         51901         %5           e 5748         TOC         51901         %5           e 5748         TOC         51901         %5           e 5749         TOF         51902         %5           e 5750         TOF         51903         %5           e 5751         TOH         51905         %5           e 5753         TOI         51906         %5           e 5753         TOI         51906         %5           e 5753         TOI         51906         %5           e 5753         TOI         51909
        %5           e 5754         TOI         51909         %5           e 5755         TOO         51914         %5           e 5756         TOO         51914         %5           e 5753         TOO         51914         %5           e 5756         TOO         51914         %5           e 5756         TOO         51914         %5           e 5763         TOO         51914         %5           e 5763         TOU         51916         %5  | 5745         TOB         51899         \$5<           5746         TOC         51901         \$5           5748         TOC         51901         \$5           5748         TOC         51901         \$5           5749         TOC         51901         \$5           5749         TOE         51902         \$5           5750         TOF         51903         \$5           5751         TOH         51906         \$5           5752         TOI         51906         \$5           5753         TOI         51906         \$5           5754         TOI         51906         \$5           5753         TOI         51906         \$5           5754         TOI         51906         \$5           5754         TOO         51919         \$5           5755        
TOO         51914         \$5           5756         TOO         51914         \$5           5758         TOO         51914         \$5           5758         TOO         51914         \$5           5758         TOO         51914         \$5           5761         TON </td <td>5745         TOB         51899         \$55           5746         TOC         51900         \$5           5748         TOD         51901         \$55           5748         TOD         51901         \$55           5749         TOD         51901         \$55           5750         TOF         51903         \$55           5751         TOH         51906         \$55           5752         TOI         51906         \$55           5753         TOI         51906         \$55           5753         TOI         51906         \$55           5754         TOI         51908         \$55           5755         TOI         51909         \$55           5755         TOO         51913         \$55           5756         TOO         51913         \$55           5756         TOO         51913         \$55           5758         TOO         51914         \$55           5760         TON         51914         \$55           5760         TON         51916         \$55           5764         TON         51916         \$55           5764</td> <td>5745         TOB         51899         \$5&lt;           5746         TOC         51901         \$5           5748         TOC         51901         \$5           5748         TOC         51901         \$5           5749         TOC         51902         \$5           5749         TOF         51902         \$5           5750         TOF         51905         \$5           5751         TOH         51906         \$5           5752         TOU         51906         \$5           5753         TOU         51906         \$5           5753         TOU         51906         \$5           5754         TOU         51907         \$5           5755         TOU         51906         \$5           5754         TOU         51906         \$5           5755         TOU         51913         \$5           5756         TOC         51913         \$5           5756         TOC         51913         \$5           5759         TOC         51913         \$5           5760         TOC         51914         \$5           5761         TOC<!--</td--><td>5745         TOB         51899         \$5&lt;           5746         TOC         51901         \$5           5748         TOC         51901         \$5           5748         TOC         51901         \$5           5749         TOC         51902         \$5           5749         TOF         51903         \$5           5750         TOF         51906         \$5           5751         TOH         51906         \$5           5752         TOI         51906         \$5           5753         TOU         51906         \$5           5755         TOU         51906         \$5           5755         TOU         51907         \$5           5755         TOU         51917         \$5           5756         TOC         51913         \$5           5761         TOC         51913         \$5           5761         TOC<!--</td--><td>5745         TOB         51899         \$5&lt;           5744         TOC         51901         \$5           5743         TOC         51901         \$5           5743         TOC         51901         \$5           5743         TOC         51901         \$5           5749         TOC         51902         \$5           5750         TOC         51905         \$5           5751         TOH         51906         \$5           5752         TOU         51906         \$5           5753         TOU         51906         \$5           5753         TOU         51906         \$5           5753         TOU         51906         \$5           5755         TOU         51910         \$5           5755         TOU         51913         \$5           5756         TOO         51913         \$5           5753         TOO         51913         \$5           5754         TOO         51913         \$5           5754         TOO         51913         \$5           5754         TOU         51913         \$5           5761         TOO<!--</td--><td>5745         TOB         51899         \$55           5746         TOC         51901         \$55           5748         TOC         51901         \$55           5748         TOC         51902         \$55           5749         TOF         51903         \$55           5750         TOF         51903         \$55           5750         TOH         51906         \$55           5751         TOH         51906         \$55           5753         TOJ         51906         \$55           5753         TOJ         51906         \$55           5753         TOJ         51907         \$55           5753         TOJ         51913         \$55           5754         TOA         51913         \$55           5755         TOA         51913         \$55           5756         TOA         51913         \$55           5758         TOA         51913         \$55           5759         TOA         51913         \$55           5759         TOA         51914         \$55           5761         TOA         51916         \$55           5763</td><td>7745         TOB         51899         %5           5746         TOC         51901         %5           5748         TOC         51901         %5           5749         TOC         51902         %5           5749         TOF         51903         %5           5749         TOF         51903         %5           5750         TOH         51906         %5           5751         TOH         51906         %5           5752         TOI         51906         %5           5753         TOI         51906         %5           5753         TOI         51906         %5           5753         TOI         51907         %5           5753         TOO         51913         %5           5754         TOO         51913         %5           5758         TOQ         51913         %5           5758         TOQ         51914         %5           5758         TOQ         51914         %5           5760         TON         51914         %5           5763         TOU         51914         %5           5764         TPN</td></td></td></td> | 5745         TOB         51899         \$55           5746         TOC         51900         \$5           5748         TOD         51901         \$55           5748         TOD         51901         \$55           5749         TOD         51901         \$55           5750         TOF         51903         \$55           5751         TOH         51906         \$55           5752         TOI         51906         \$55           5753         TOI         51906         \$55           5753         TOI         51906         \$55           5754         TOI         51908         \$55           5755         TOI         51909         \$55           5755         TOO         51913         \$55           5756         TOO         51913         \$55           5756         TOO         51913         \$55           5758         TOO         51914         \$55           5760         TON         51914         \$55           5760         TON         51916         \$55           5764         TON         51916         \$55           5764   
   | 5745         TOB         51899         \$5<           5746         TOC         51901         \$5           5748         TOC         51901         \$5           5748         TOC         51901         \$5           5749         TOC         51902         \$5           5749         TOF         51902         \$5           5750         TOF         51905         \$5           5751         TOH         51906         \$5           5752         TOU         51906         \$5           5753         TOU         51906         \$5           5753         TOU         51906         \$5           5754         TOU         51907         \$5           5755         TOU         51906         \$5           5754         TOU         51906         \$5           5755         TOU         51913         \$5           5756         TOC         51913         \$5           5756         TOC         51913         \$5           5759         TOC         51913         \$5           5760         TOC         51914         \$5           5761         TOC </td <td>5745         TOB         51899         \$5&lt;           5746         TOC         51901         \$5           5748         TOC         51901         \$5           5748         TOC         51901         \$5           5749         TOC         51902         \$5           5749         TOF         51903         \$5           5750         TOF         51906         \$5           5751         TOH         51906         \$5           5752         TOI         51906         \$5           5753         TOU         51906         \$5           5755         TOU         51906         \$5           5755         TOU         51907         \$5           5755         TOU         51917         \$5           5756         TOC         51913         \$5           5761         TOC         51913         \$5           5761         TOC<!--</td--><td>5745         TOB         51899         \$5&lt;           5744         TOC         51901         \$5           5743         TOC         51901         \$5           5743         TOC         51901         \$5           5743         TOC         51901         \$5           5749         TOC         51902         \$5           5750         TOC         51905         \$5           5751         TOH         51906         \$5           5752         TOU         51906         \$5           5753         TOU         51906         \$5           5753         TOU         51906         \$5           5753         TOU         51906         \$5           5755         TOU         51910         \$5           5755         TOU         51913         \$5           5756         TOO         51913         \$5           5753         TOO         51913         \$5           5754         TOO         51913         \$5           5754         TOO         51913         \$5           5754         TOU         51913         \$5           5761         TOO<!--</td--><td>5745         TOB         51899         \$55           5746         TOC         51901         \$55           5748         TOC         51901         \$55           5748         TOC         51902         \$55           5749         TOF         51903         \$55           5750         TOF         51903         \$55           5750         TOH         51906         \$55           5751         TOH         51906         \$55           5753         TOJ         51906         \$55           5753         TOJ         51906         \$55           5753         TOJ         51907         \$55           5753         TOJ         51913         \$55           5754         TOA         51913         \$55           5755         TOA         51913         \$55           5756         TOA         51913         \$55           5758         TOA         51913         \$55           5759         TOA         51913         \$55           5759         TOA         51914         \$55           5761         TOA         51916         \$55           5763</td><td>7745         TOB         51899         %5           5746         TOC         51901         %5           5748         TOC         51901         %5           5749         TOC         51902         %5           5749         TOF         51903         %5           5749         TOF         51903         %5           5750         TOH         51906         %5           5751         TOH         51906         %5           5752         TOI         51906         %5           5753         TOI         51906         %5           5753         TOI         51906         %5           5753         TOI         51907         %5           5753         TOO         51913         %5           5754         TOO         51913         %5           5758         TOQ         51913         %5           5758         TOQ         51914         %5           5758         TOQ         51914         %5           5760         TON         51914         %5           5763         TOU         51914         %5           5764         TPN</td></td></td>   | 5745         TOB         51899         \$5<           5746         TOC         51901         \$5           5748         TOC         51901         \$5           5748         TOC         51901         \$5           5749         TOC         51902         \$5           5749         TOF         51903         \$5           5750         TOF         51906         \$5           5751         TOH         51906         \$5           5752         TOI         51906         \$5           5753         TOU         51906         \$5           5755         TOU         51906         \$5           5755         TOU         51907         \$5           5755         TOU         51917         \$5           5756         TOC         51913         \$5           5761         TOC         51913         \$5           5761         TOC </td <td>5745         TOB         51899         \$5&lt;           5744         TOC         51901         \$5           5743         TOC         51901         \$5           5743         TOC         51901         \$5           5743         TOC         51901         \$5           5749         TOC         51902         \$5           5750         TOC         51905         \$5           5751         TOH         51906         \$5           5752         TOU         51906         \$5           5753         TOU         51906         \$5           5753         TOU         51906         \$5           5753         TOU         51906         \$5           5755         TOU         51910         \$5           5755         TOU         51913         \$5           5756         TOO         51913         \$5           5753         TOO         51913         \$5           5754         TOO         51913         \$5           5754         TOO         51913         \$5           5754         TOU         51913         \$5           5761         TOO<!--</td--><td>5745         TOB         51899         \$55           5746         TOC         51901         \$55           5748         TOC         51901         \$55           5748         TOC         51902         \$55           5749         TOF         51903         \$55           5750         TOF         51903         \$55          
5750         TOH         51906         \$55           5751         TOH         51906         \$55           5753         TOJ         51906         \$55           5753         TOJ         51906         \$55           5753         TOJ         51907         \$55           5753         TOJ         51913         \$55           5754         TOA         51913         \$55           5755         TOA         51913         \$55           5756         TOA         51913         \$55           5758         TOA         51913         \$55           5759         TOA         51913         \$55           5759         TOA         51914         \$55           5761         TOA         51916         \$55           5763</td><td>7745         TOB         51899         %5           5746         TOC         51901         %5           5748         TOC         51901         %5           5749         TOC         51902         %5           5749         TOF         51903         %5           5749         TOF         51903         %5           5750         TOH         51906         %5           5751         TOH         51906         %5           5752         TOI         51906         %5           5753         TOI         51906         %5           5753         TOI         51906         %5           5753         TOI         51907         %5           5753         TOO         51913         %5           5754         TOO         51913         %5           5758         TOQ         51913         %5           5758         TOQ         51914         %5           5758         TOQ         51914         %5           5760         TON         51914         %5           5763         TOU         51914         %5           5764         TPN</td></td> | 5745         TOB         51899         \$5<           5744         TOC         51901         \$5           5743         TOC         51901         \$5           5743         TOC         51901         \$5           5743         TOC         51901         \$5           5749         TOC         51902         \$5           5750         TOC         51905         \$5           5751         TOH         51906         \$5           5752         TOU         51906         \$5           5753         TOU         51906         \$5           5753         TOU         51906         \$5           5753         TOU         51906         \$5           5755         TOU         51910         \$5           5755         TOU         51913         \$5           5756         TOO         51913         \$5           5753         TOO         51913         \$5           5754         TOO         51913         \$5           5754         TOO         51913         \$5           5754         TOU         51913         \$5           5761         TOO </td <td>5745         TOB         51899         \$55           5746         TOC         51901         \$55           5748         TOC         51901         \$55           5748         TOC         51902         \$55           5749         TOF         51903         \$55           5750         TOF         51903         \$55           5750         TOH         51906         \$55           5751         TOH         51906         \$55           5753         TOJ         51906         \$55           5753         TOJ         51906         \$55           5753         TOJ         51907         \$55           5753         TOJ         51913         \$55           5754         TOA         51913         \$55           5755         TOA         51913         \$55           5756         TOA         51913         \$55           5758         TOA         51913         \$55           5759         TOA         51913         \$55           5759         TOA         51914         \$55           5761         TOA         51916         \$55           5763</td> <td>7745         TOB         51899         %5           5746         TOC         51901         %5           5748         TOC         51901         %5           5749         TOC         51902         %5           5749         TOF         51903         %5           5749         TOF         51903         %5           5750         TOH         51906         %5           5751         TOH         51906         %5           5752         TOI         51906         %5           5753         TOI         51906         %5           5753         TOI         51906         %5           5753         TOI         51907         %5           5753         TOO         51913         %5           5754         TOO         51913         %5           5758         TOQ         51913         %5           5758         TOQ         51914         %5           5758         TOQ         51914         %5           5760         TON         51914         %5           5763         TOU         51914         %5           5764         TPN</td> | 5745         TOB         51899         \$55           5746         TOC         51901         \$55           5748         TOC         51901         \$55           5748         TOC         51902         \$55           5749         TOF         51903         \$55           5750         TOF         51903         \$55           5750         TOH         51906         \$55           5751         TOH         51906         \$55           5753         TOJ         51906         \$55           5753         TOJ         51906         \$55           5753         TOJ         51907         \$55           5753         TOJ         51913         \$55           5754         TOA         51913         \$55           5755         TOA         51913         \$55           5756         TOA         51913         \$55           5758         TOA         51913         \$55           5759         TOA         51913         \$55           5759         TOA         51914         \$55           5761         TOA         51916         \$55           5763  | 7745         TOB         51899         %5           5746         TOC         51901         %5           5748         TOC         51901         %5           5749         TOC         51902         %5           5749         TOF         51903         %5           5749         TOF         51903         %5           5750         TOH         51906         %5           5751         TOH         51906         %5           5752         TOI         51906         %5           5753         TOI         51906         %5           5753         TOI         51906         %5           5753         TOI         51907         %5           5753         TOO         51913         %5           5754         TOO         51913         %5           5758         TOQ         51913         %5           5758         TOQ         51914         %5           5758         TOQ         51914         %5           5760         TON         51914         %5           5763         TOU         51914         %5           5764         TPN  |
| ns - Hse 5747 TOD 51901 \$5<br>ns - Hse 5748 TOE 51902 \$5  | Ise The 5747         TOD         51901         \$5           Is - Hse 5748         TOE         51902         \$5           Is - Hse 5748         TOE         51902         \$5           Is - Hse 5749         TOF         51903         \$5  | ise - Hse 5747         TOD         51901         \$5           is - Hse 5748         TOD         51901         \$5           is - Hse 5748         TOE         51902         \$5           is - Hse 5749         TOF         51903         \$5           is - Hse 5750         TOG         51904         \$5  | s - Hase 5747         T OD         51901         \$5           s - Hase 5748         T OD         51901         \$5           s - Hase 5748         T OE         51902         \$5           s - Hase 5749         T OF         51903         \$5           s - Hase 5750         T OG         51904         \$5           s - Hase 5750         T OG         51904         \$5           s - Hase 5751         T OH         51905         \$5   | Issertion         IOC         51900         Work  
   
  | Hase 5747         TOD         51901         \$5<           Hase 5748         TOD         51901         \$5           Hase 5749         TOE         51902         \$5           Hase 5750         TOF         51903         \$5           Hase 5751         TOH         51904         \$5           Hase 5752         TOH         51905         \$5           Hase 5753         TOH         51906         \$5           Hase 5753         TOH         51906         \$5   
   
   
  | Hole 5745         TOD         51901         \$5           Hae 5748         TOD         51901         \$5           Hae 5749         TOE         51902         \$5           Hae 5749         TOF         51902         \$5           Hae 5750         TOF         51903         \$5           Hae 5751         TOH         51905         \$5           Hae 5752         TOH         51905         \$5           Hae 5752         TOH         51905         \$5           Hae 5753         TOI         51906         \$5           Hae 5754         TOK         51906         \$5           Hae 5754         TOK         51907         \$5  
   
  | Hise 5747         TOD         51901         \$5           Hise 5743         TOD         51901         \$5           Hise 5749         TOE         51902         \$5           Hise 5749         TOE         51903         \$5           Hise 5750         TOE         51903         \$5           Hise 5751         TOH         51903         \$5           Hise 5752         TOH         51905         \$5           Hise 5753         TOJ         51906         \$5           Hise 5753         TOJ         51906         \$5           Hise 5753         TOJ         51907         \$5           Hise 5755         TOL         51909         \$5           Hise 5755         TOL         51909         \$5  | Insertion         Insertion <t< td=""><td>Hase 5740         TOD         51901         \$5           Hase 5747         TOD         51901         \$5           Hase 5748         TOE         51902         \$5           Hase 5749         TOF         51903         \$5           Hase 5750         TOF         51904         \$5           Hase 5751         TOH         51905         \$5           Hase 5752         TOI         51906         \$5           Hase 5753         TOI         51906         \$5           Hase 5753         TOI         51906         \$5           Hase 5755         TOI         51906         \$5           Hase 5755         TOI         51906         \$5           Hase 5755         TOI         51909         \$5           Hase 5755         TOO         51910         \$5           Hase 5758         TOO         51910         \$5           Hase 5758         TOP         51911         \$5</td><td>Insertion         Insertion         <t< td=""><td>Ites 5740         TOD         51901         \$5           -Hse 5743         TOE         51901         \$5           -Hse 5749         TOE         51902         \$5           -Hse 5749         TOF         51902         \$5           -Hse 5750         TOF         51903         \$5           -Hse 5751         TOH         51905         \$5           -Hse 5752         TOI         51906         \$5           -Hse 5753         TOI         51906         \$5           -Hse 5753         TOI         51907         \$5           -Hse 5754         TOL         51908         \$5           -Hse 5755         TOU         51908         \$5           -Hse 5755         TOL         51908         \$5           -Hse 5755         TOL         51909         \$5           -Hse 5755         TOL         51910         \$5           -Hse 5755         TOC         51910         \$5           -Hse 5755         TOQ         51911         \$5           -Hse 5758         TOQ         51913         \$5           -Hse 5758         TOQ         51913         \$5           -Hse 5758         TOQ</td><td>Hole STAT         TOO         51901         50           Hae 5743         TOD         51901         \$5           Hae 5749         TOE         51902         \$5           Hae 5749         TOF         51903         \$5           Hae 5750         TOF         51903         \$5           Hae 5751         TOH         51905         \$55           Hae 5752         TOH         51906         \$55           Hae 5753         TOH         51906         \$55           Hae 5754         TOL         51907         \$55           Hae 5755         TOL         51907         \$55           Hae 5755         TOL         51909         \$55           Hae 5755         TOL         51910         \$55           Hae 5755         TOL         51910         \$55           Hae 5755         TOL         51910         \$55           Hae 5756         TOQ         51910         \$55           Hae 5758         TOR         51911         \$55           Hae 5758         TOR         51911         \$55           Hae 5759         TOR         51911         \$55           Hae 5759         TOR</td><td>Hole of the of the state         TOO         51 901         \$5&lt;           Hae 5743         TOD         51 901         \$5&lt;</td>           Hae 5749         TOE         51 901         \$5&lt;</t<></td>           Hae 5749         TOF         51 903         \$5           Hae 5750         TOF         51 903         \$5           Hae 5751         TOH         51 905         \$5           Hae 5752         TOI         51 906         \$5           Hae 5753         TOI         51 907         \$5           Hae 5753         TOI         51 907         \$5           Hae 5755         TOI         51 908         \$5           Hae 5755         TOO         51 910         \$5           Hae 5755         TOO         51 910         \$5           Hae 5756         TOO         51 910         \$5           Hae 5756         TOO         51 913         \$5           Hae 5758         TOO         51 913         \$5           Hae 5759         TOO         51 913         \$5           Hae 5750         TOO         51 913         \$5           Hae 5750         TON         51 913         \$5           Hae 5761         <t< td=""><td>Nace 5747         TOD         51901         55           Hae 5748         TOD         51901         55           Hae 5748         TOE         51902         55           Hae 5749         TOE         51902         55           Hae 5750         TOE         51903         55           Hae 5750         TOG         51904         55           Hae 5751         TOI         51905         55           Hae 5752         TOI         51906         55           Hae 5753         TOI         51906         55           Hae 5755         TOI         51907         55           Hae 5755         TOI         51907         55           Hae 5755         TOC         51910         55           Hae 5756         TOO         51910         55           Hae 5756         TOQ         51911         55           Hae 5758         TOQ         51912         55           Hae 5759         TOR         51913         55           Hae 5760         TOS         51916         55           Hae 5763         TOU         51916         55           Hae 5763         TOU         51916</td><td>Insection         TOO         51901         55           Hse 5743         TOD         51901         55           Hse 5743         TOE         51902         55           Hse 5743         TOF         51903         55           Hse 5743         TOF         51903         55           Hse 5750         TOG         51904         55           Hse 5751         TOH         51906         55           Hse 5753         TOI         51907         55           Hse 5753         TOI         51907         55           Hse 5753         TOI         51907         55           Hse 5755         TOL         51907         55           Hse 5755         TOL         51910         55           Hse 5755         TOL         51910         55           Hse 5755         TOQ         51913         55           Hse 5756         TOQ         51913         55           Hse 5755         TOQ         51914         55           Hse 5761         TOQ         51914         55           Hse 5763         TOU         51916         55           Hse 5763         TOU         51916</td><td>Nace Strate         TOO         Strate         Strat         Strat&lt;</td><td>Sec 5747         TOD         51901         55           15e 5743         TOD         51901         55           15e 5743         TOE         51901         55           15e 5750         TOF         51903         55           15e 5751         TOH         51905         55           15e 5751         TOH         51905         55           15e 5752         TOH         51906         55           15e 5753         TOJ         51907         55           15e 5753         TOJ         51907         55           15e 5753         TOJ         51907         55           15e 5755         TOJ         51910         55           15e 5755         TOD         51910         55           15e 5756         TOQ         51910         55           15e 5760         TOQ         51913         55           15e 5761         TON         51913         55           15e 5761         TON         51913         55           15e 5762         TOU         51914         55           15e 5763         TOU         51916         55           15e 5763         TOU         51916</td><td>Se 5747         TOD         51901         \$5           se 5748         TOE         51901         \$5           se 5749         TOE         51902         \$5           se 5750         TOF         51903         \$5           se 5751         TOH         51904         \$5           se 5752         TOI         51906         \$5           se 5753         TOI         51906         \$5           se 5753         TOI         51906         \$5           se 5755         TOI         51906         \$5           se 5755         TOI         51907         \$5           se 5755         TOL         51910         \$5           se 5756         TOC         51913         \$5           se 5758         TOC         51913         \$5           se 5758         TOC         51913         \$5           se 5760         TOC         51913         \$5           se 5763         TOU         51913   
     \$5           se 5763         TOU         51913         \$5           se 5763         TOU         51916         \$5           se 5763         TOU         51916         \$5</td><td>output         51901         5000</td><td>5770         100         51901         55           5741         TOD         51901         55           5743         TOE         51901         55           5750         TOE         51903         55           5751         TOH         51903         55           5752         TOH         51905         55           5753         TOI         51906         55           5753         TOI         51906         55           5755         TOI         51907         55           5755         TOI         51909         55           5755         TOI         51910         55           5756         TOC         51910         55           5756         TOC         51913         55           5758         TOC         51913         55           5759         TOC         51916         55           5760         TOC         51913         55           5763         TOU         51916         55           5763         TOU         51916         55           5766         TOU         51916         55           5763         TOU</td></t<><td>57.47         TOD         51.901         55           57.48         TOD         51.901         55           57.50         TOE         51.902         55           5750         TOE         51.903         55           5751         TOE         51.903         55           5752         TOE         51.905         55           5753         TOI         51.905         55           5754         TOI         51.906         55           5755         TOI         51.906         55           5755         TOI         51.907         55           5755         TOV         51.910         55           5756         TOV         51.910         55           5756         TOV         51.910         55           5756         TOV         51.912         55           5756         TOV         51.913         55           5760         TOV         51.913         55           5763         TOV         51.913         55           5763         TOV         51.913         55           5763         TOV         51.913         55           5763<!--</td--><td>5774         TOC         51901         55           5743         TOD         51901         55           5743         TOD         51901         55           5750         TOE         51903         55           5751         TOH         51903         55           5752         TOH         51905         55           5753         TOH         51906         55           5753         TOU         51907         55           5755         TOU         51907         55           5755         TOU         51910         55           5755         TOU         51910         55           5756         TOC         51913         55           5758         TOU         51913         55           5759         TOU         51916         55           5760         TOU         51916         55           5763         TOU</td></td></t<> <td>57.47         TOD         51.901         55           57.48         TOD         51.901         55           57.49         TOD         51.901         55           5750         TOE         51.903         55           5751         TOH         51.903         55           5753         TOH         51.905         55           5753         TOH         51.906         55           5753         TOU         51.906         55           5754         TOU         51.906         55           5755         TOU         51.906         55           5756         TOU         51.907         55           5756         TOU         51.910         55           5756         TOU         51.910         55           5756         TOU         51.913         55           5758         TOU         51.913         55           5763         TOU         51.913         55           5763         TOU         51.913         55           5763         TOU         51.913         55           5763         TOU         51.916         55           5763<!--</td--><td>5747         TOC         51901         55           5743         TOD         51901         55           5743         TOD         51901         55           5750         TOF         51903         55           5751         TOH         51903         55           5752         TOH         51906         55           5753         TOI         51906         55           5754         TOI         51907         55           5755         TOI         51907         55           5755         TOI         51910         55           5755         TOC         51913         55           5756         TOC         51913         55           5756         TOU         51913         55           5756         TOU         51916         55           5756         TOU         51916         55           5763         TOU         51913         55           5764         TOU         51916         55           5756         TOU         51916         55           5763         TOU         51916         55           5764         TPA<td>57.14         TOD         51.901         55           57.48         TOD         51.901         55           57.50         TOE         51.902         55           57.51         TOE         51.903         55           57.51         TOH         51.905         55           57.51         TOH         51.905         55           57.52         TOH         51.906         55           57.53         TOU         51.906         55           57.55         TOU         51.910         55           57.55         TOU         51.910         55           57.55         TOU         51.910         55           57.55         TOU         51.910         55           57.55         TOU         51.911         55           57.56         TOC         51.911         55           57.58         TOC         51.912         55           57.58         TOU         51.913         55           57.59         TOU         51.913         55           57.59         TOU         51.916         55           57.50         TOU         51.916         55</td><td>5740         7700         51901         55           5748         TOD         51901         55           5748         TOE         51903         55           5750         TOE         51903         55           5751         TOH         51904         55           5752         TOI         51907         55           5753         TOI         51907         55           5754         TOI         51907         55           5755         TOI         51906         55           5755         TOI         51910         55           5756         TOO         51911         55           5758         TOO         51913         55           5756         TOO         51913         55           5760         TOO         51913         55           5761         TOU         51913         55           5763         TOU         51913         55           5763         TOU         51914         55           5763         TOU         51914         55           5764         TPA         51916         55           5765         TOU<!--</td--></td></td></td> | Hase 5740         TOD         51901         \$5           Hase 5747         TOD         51901         \$5           Hase 5748         TOE         51902         \$5           Hase 5749         TOF         51903         \$5           Hase 5750         TOF         51904         \$5           Hase 5751         TOH         51905         \$5           Hase 5752         TOI         51906         \$5           Hase 5753         TOI         51906         \$5           Hase 5753         TOI         51906         \$5           Hase 5755         TOI         51906         \$5           Hase 5755         TOI         51906         \$5           Hase 5755         TOI         51909         \$5           Hase 5755         TOO         51910         \$5           Hase 5758         TOO         51910         \$5           Hase 5758         TOP         51911         \$5  
   
   | Insertion         Insertion <t< td=""><td>Ites 5740         TOD         51901         \$5           -Hse 5743         TOE         51901         \$5           -Hse 5749         TOE         51902         \$5           -Hse 5749         TOF         51902         \$5           -Hse 5750         TOF         51903         \$5           -Hse 5751         TOH         51905         \$5           -Hse 5752         TOI         51906         \$5           -Hse 5753         TOI         51906         \$5           -Hse 5753         TOI         51907         \$5           -Hse 5754         TOL         51908         \$5           -Hse 5755         TOU         51908         \$5           -Hse 5755         TOL         51908         \$5           -Hse 5755         TOL         51909         \$5           -Hse 5755         TOL         51910         \$5           -Hse 5755         TOC         51910         \$5           -Hse 5755         TOQ         51911         \$5           -Hse 5758         TOQ         51913         \$5           -Hse 5758         TOQ         51913         \$5           -Hse 5758         TOQ</td><td>Hole STAT         TOO         51901         50           Hae 5743         TOD         51901         \$5           Hae 5749         TOE         51902         \$5           Hae 5749         TOF         51903         \$5           Hae 5750         TOF         51903         \$5           Hae 5751         TOH         51905         \$55           Hae 5752         TOH         51906         \$55           Hae 5753         TOH         51906         \$55           Hae 5754         TOL         51907         \$55           Hae 5755         TOL         51907         \$55           Hae 5755         TOL         51909         \$55           Hae 5755         TOL         51910         \$55           Hae 5755         TOL         51910         \$55           Hae 5755         TOL         51910         \$55           Hae 5756         TOQ         51910         \$55           Hae 5758         TOR         51911         \$55           Hae 5758         TOR         51911         \$55           Hae 5759         TOR         51911         \$55           Hae 5759         TOR</td><td>Hole of the of the state         TOO         51 901         \$5&lt;           Hae 5743         TOD         51 901         \$5&lt;</td>           Hae 5749         TOE         51 901         \$5&lt;</t<>   
   
   | Ites 5740         TOD         51901         \$5           -Hse 5743         TOE         51901         \$5           -Hse 5749         TOE         51902         \$5           -Hse 5749         TOF         51902         \$5           -Hse 5750         TOF         51903         \$5           -Hse 5751         TOH         51905         \$5           -Hse 5752         TOI         51906         \$5           -Hse 5753         TOI         51906         \$5           -Hse 5753         TOI         51907         \$5           -Hse 5754         TOL         51908         \$5           -Hse 5755         TOU         51908         \$5           -Hse 5755         TOL         51908         \$5           -Hse 5755         TOL         51909         \$5           -Hse 5755         TOL         51910         \$5           -Hse 5755         TOC         51910         \$5           -Hse 5755         TOQ         51911         \$5           -Hse 5758         TOQ         51913         \$5           -Hse 5758         TOQ         51913         \$5           -Hse 5758         TOQ   
   | Hole STAT         TOO         51901         50           Hae 5743         TOD         51901         \$5           Hae 5749         TOE         51902         \$5           Hae 5749         TOF         51903         \$5           Hae 5750         TOF         51903         \$5           Hae 5751         TOH         51905         \$55           Hae 5752         TOH         51906         \$55           Hae 5753         TOH         51906         \$55           Hae 5754         TOL         51907         \$55           Hae 5755         TOL         51907         \$55           Hae 5755         TOL         51909         \$55           Hae 5755         TOL         51910         \$55           Hae 5755         TOL         51910         \$55           Hae 5755         TOL         51910         \$55           Hae 5756         TOQ         51910         \$55           Hae 5758         TOR         51911         \$55           Hae 5758         TOR         51911         \$55           Hae 5759         TOR         51911         \$55           Hae 5759         TOR   
   
   | Hole of the of the state         TOO         51 901         \$5<           Hae 5743         TOD         51 901         \$5<   
   
   | Nace 5747         TOD         51901         55           Hae 5748         TOD         51901         55           Hae 5748         TOE         51902         55           Hae 5749         TOE         51902         55           Hae 5750         TOE         51903         55           Hae 5750         TOG         51904         55           Hae 5751         TOI         51905         55           Hae 5752         TOI         51906         55           Hae 5753         TOI         51906         55           Hae 5755         TOI         51907         55           Hae 5755         TOI         51907         55           Hae 5755         TOC         51910         55           Hae 5756         TOO         51910         55           Hae 5756         TOQ         51911         55           Hae 5758         TOQ         51912         55           Hae 5759         TOR         51913         55           Hae 5760         TOS         51916         55           Hae 5763         TOU         51916         55           Hae 5763         TOU         51916   
   | Insection         TOO         51901         55           Hse 5743         TOD         51901         55           Hse 5743         TOE         51902         55           Hse 5743         TOF         51903         55           Hse 5743         TOF         51903         55           Hse 5750         TOG         51904         55           Hse 5751         TOH         51906         55           Hse 5753         TOI         51907         55           Hse 5753         TOI         51907         55           Hse 5753         TOI         51907         55           Hse 5755         TOL         51907         55           Hse 5755         TOL         51910         55           Hse 5755         TOL         51910         55           Hse 5755         TOQ         51913         55           Hse 5756         TOQ         51913         55           Hse 5755         TOQ         51914         55           Hse 5761         TOQ         51914         55           Hse 5763         TOU         51916         55           Hse 5763         TOU         51916   
   | Nace Strate         TOO         Strate         Strat         Strat<   
   
                                    | Sec 5747         TOD         51901         55           15e 5743         TOD         51901         55           15e 5743         TOE         51901         55           15e 5750         TOF         51903         55           15e 5751         TOH         51905         55           15e 5751         TOH         51905         55           15e 5752         TOH         51906         55           15e 5753         TOJ         51907         55           15e 5753         TOJ         51907         55           15e 5753         TOJ         51907         55           15e 5755         TOJ         51910         55           15e 5755         TOD         51910         55           15e 5756         TOQ         51910         55           15e 5760         TOQ         51913         55           15e 5761         TON         51913         55           15e 5761         TON         51913         55           15e 5762         TOU         51914         55           15e 5763         TOU         51916         55           15e 5763         TOU         51916   
   | Se 5747         TOD         51901         \$5           se 5748         TOE         51901         \$5           se 5749         TOE         51902         \$5           se 5750         TOF         51903         \$5           se 5751         TOH         51904         \$5           se 5752         TOI         51906         \$5           se 5753         TOI         51906         \$5           se 5753         TOI         51906         \$5           se 5755         TOI         51906         \$5           se 5755         TOI         51907         \$5           se 5755         TOL         51910         \$5           se 5756         TOC         51913         \$5           se 5758         TOC         51913         \$5           se 5758         TOC         51913         \$5           se 5760         TOC         51913         \$5           se 5763         TOU         51913         \$5           se 5763         TOU         51913         \$5           se 5763         TOU         51916         \$5           se 5763         TOU         51916         \$5   
  | output         51901         5000   
   | 5770         100         51901         55           5741         TOD         51901         55           5743         TOE         51901         55           5750         TOE         51903         55           5751         TOH         51903         55           5752         TOH         51905         55           5753         TOI         51906         55           5753         TOI         51906         55           5755         TOI         51907         55           5755         TOI         51909         55           5755         TOI         51910         55           5756         TOC         51910         55           5756         TOC         51913         55           5758         TOC         51913         55           5759         TOC         51916         55           5760         TOC         51913         55           5763         TOU         51916         55           5763         TOU         51916         55           5766         TOU         51916         55           5763         TOU   | 57.47         TOD         51.901         55           57.48         TOD         51.901         55           57.50         TOE         51.902         55           5750         TOE         51.903         55           5751         TOE         51.903         55           5752         TOE         51.905        
55           5753         TOI         51.905         55           5754         TOI         51.906         55           5755         TOI         51.906         55           5755         TOI         51.907         55           5755         TOV         51.910         55           5756         TOV         51.910         55           5756         TOV         51.910         55           5756         TOV         51.912         55           5756         TOV         51.913         55           5760         TOV         51.913         55           5763         TOV         51.913         55           5763         TOV         51.913         55           5763         TOV         51.913         55           5763 </td <td>5774         TOC         51901         55           5743         TOD         51901         55           5743         TOD         51901         55           5750         TOE         51903         55           5751         TOH         51903         55           5752         TOH         51905         55           5753         TOH         51906         55           5753         TOU         51907         55           5755         TOU         51907         55           5755         TOU         51910         55           5755         TOU         51910         55           5756         TOC         51913         55           5758         TOU         51913         55           5759         TOU         51916         55           5760         TOU         51916         55           5763         TOU</td>   | 5774         TOC         51901         55           5743         TOD         51901         55           5743         TOD         51901         55           5750         TOE         51903         55           5751         TOH         51903         55           5752         TOH         51905         55           5753         TOH         51906         55           5753         TOU         51907         55           5755         TOU         51907         55           5755         TOU         51910         55           5755         TOU         51910         55           5756         TOC         51913         55           5758         TOU         51913         55           5759         TOU         51916         55           5760         TOU         51916         55           5763         TOU   
   | 57.47         TOD         51.901         55           57.48         TOD         51.901         55           57.49         TOD         51.901         55           5750         TOE         51.903         55           5751         TOH         51.903         55           5753         TOH         51.905         55           5753         TOH         51.906         55           5753         TOU         51.906         55           5754         TOU         51.906         55           5755         TOU         51.906         55           5756         TOU         51.907         55           5756         TOU         51.910         55           5756         TOU         51.910         55           5756         TOU         51.913         55           5758         TOU         51.913         55           5763         TOU         51.913         55           5763         TOU         51.913         55           5763         TOU         51.913         55           5763         TOU         51.916         55           5763 </td <td>5747         TOC         51901         55           5743         TOD         51901         55           5743         TOD         51901         55           5750         TOF         51903         55           5751         TOH         51903         55           5752         TOH         51906         55           5753         TOI         51906         55           5754         TOI         51907         55           5755         TOI         51907         55           5755         TOI         51910         55           5755         TOC         51913         55           5756         TOC         51913         55           5756         TOU         51913         55           5756         TOU         51916         55           5756         TOU         51916         55           5763         TOU         51913         55           5764         TOU         51916         55           5756         TOU         51916         55           5763         TOU         51916         55           5764         TPA<td>57.14         TOD         51.901         55           57.48         TOD         51.901         55           57.50         TOE         51.902         55           57.51         TOE         51.903         55           57.51         TOH         51.905         55           57.51         TOH         51.905         55           57.52         TOH         51.906         55           57.53         TOU         51.906         55           57.55         TOU         51.910         55           57.55         TOU         51.910         55           57.55         TOU         51.910         55           57.55         TOU         51.910         55           57.55         TOU         51.911         55           57.56         TOC         51.911         55           57.58         TOC         51.912         55           57.58         TOU         51.913         55           57.59         TOU         51.913         55           57.59         TOU         51.916         55           57.50         TOU         51.916         55</td><td>5740         7700         51901         55           5748         TOD         51901         55           5748         TOE         51903         55           5750         TOE         51903         55           5751         TOH         51904         55           5752         TOI         51907         55           5753         TOI         51907         55           5754         TOI         51907         55           5755         TOI         51906         55           5755         TOI         51910         55           5756         TOO         51911         55           5758         TOO         51913         55           5756         TOO         51913         55           5760         TOO         51913         55           5761         TOU         51913         55           5763         TOU         51913         55           5763         TOU         51914         55           5763         TOU         51914         55           5764         TPA         51916         55           5765         TOU<!--</td--></td></td>  | 5747         TOC         51901         55           5743         TOD         51901         55           5743         TOD         51901         55           5750         TOF         51903         55           5751         TOH         51903         55           5752         TOH         51906         55           5753         TOI         51906         55           5754         TOI         51907         55           5755         TOI         51907         55           5755         TOI         51910         55           5755         TOC         51913         55           5756         TOC         51913         55           5756         TOU         51913         55           5756         TOU         51916         55           5756         TOU         51916         55           5763         TOU         51913         55           5764         TOU         51916         55           5756         TOU         51916         55           5763         TOU         51916         55           5764         TPA <td>57.14         TOD         51.901         55           57.48         TOD         51.901         55           57.50         TOE         51.902         55           57.51         TOE         51.903         55           57.51         TOH         51.905         55           57.51         TOH         51.905         55           57.52         TOH         51.906         55           57.53         TOU         51.906         55           57.55         TOU         51.910         55           57.55         TOU         51.910         55           57.55         TOU         51.910         55           57.55         TOU         51.910         55           57.55         TOU         51.911         55           57.56         TOC         51.911         55           57.58         TOC         51.912         55           57.58         TOU         51.913         55           57.59         TOU         51.913         55           57.59         TOU         51.916         55           57.50         TOU         51.916         55</td> <td>5740         7700         51901         55           5748         TOD         51901         55           5748         TOE         51903         55           5750         TOE         51903         55           5751         TOH         51904         55           5752         TOI         51907         55           5753         TOI         51907         55           5754         TOI         51907         55           5755         TOI         51906         55           5755         TOI         51910         55           5756         TOO         51911         55           5758         TOO         51913         55           5756         TOO         51913         55           5760         TOO         51913         55           5761         TOU         51913         55           5763         TOU         51913         55           5763         TOU         51914         55           5763         TOU         51914         55           5764         TPA         51916         55           5765         TOU<!--</td--></td>                             | 57.14         TOD         51.901         55           57.48         TOD         51.901         55           57.50         TOE         51.902         55           57.51         TOE         51.903         55           57.51         TOH         51.905         55           57.51         TOH         51.905         55           57.52         TOH         51.906         55           57.53         TOU         51.906         55           57.55         TOU         51.910         55           57.55         TOU         51.910         55           57.55         TOU         51.910         55           57.55         TOU         51.910         55           57.55         TOU         51.911         55           57.56         TOC         51.911         55           57.58         TOC         51.912         55           57.58         TOU         51.913         55           57.59         TOU         51.913         55           57.59         TOU         51.916         55           57.50         TOU         51.916         55   
   | 5740         7700         51901         55           5748         TOD         51901         55           5748         TOE         51903         55           5750         TOE         51903         55           5751         TOH         51904         55           5752         TOI         51907         55           5753         TOI         51907         55           5754         TOI         51907         55           5755         TOI         51906         55           5755         TOI         51910         55           5756         TOO         51911         55           5758         TOO         51913         55           5756         TOO         51913         55           5760         TOO         51913         55           5761         TOU         51913         55           5763         TOU         51913         55           5763         TOU         51914         55           5763         TOU         51914         55           5764         TPA         51916         55           5765         TOU </td  |
| ns - Hse 5748 TOE 51902 \$5 \$0   | ns - Hse 5748         TOE         51902         \$5         \$0           ns - Hse 5749         TOF         51903         \$5         \$0   | Is - Hse 5748         TOE         51902         \$5         \$0           is - Hse 5749         TOF         51903         \$5         \$0           is - Hse 5750         TOG         51904         \$5         \$0   | s - Hse 5748         TOE         51902         \$5         \$0           s - Hse 5749         TOF         51903         \$5         \$0           s - Hse 5750         TOG         51904         \$5         \$0           s - Hse 5751         TOH         51905         \$5         \$0  | - Hse 5748         TOE         51902         \$5         \$0           - Hse 5749         TOF         51903         \$5         \$0           - Hse 5750         TOG         51904         \$5         \$0           - Hse 5751         TOH         51905         \$5         \$0           - Hse 5752         TOH         51906         \$5         \$0  
   
  | Hse 5748         TOE         51902         \$5         \$0           Hse 5749         TOF         51903         \$5         \$0           Hse 5750         TOG         51904         \$5         \$0           Hse 5751         TOH         51904         \$5         \$0           Hse 5751         TOH         51905         \$5         \$0           Hse 5751         TOH         51906         \$5         \$0           Hse 5752         TOI         51906         \$5         \$0           Hse 5753         TOI         51906         \$5         \$0  
   
   
  | Hse 5748         TOE         51902         \$5         \$0           Hse 5749         TOF         51903         \$5         \$0           Hse 5750         TOG         51904         \$5         \$0           Hse 5751         TOH         51905         \$5         \$0           Hse 5751         TOH         51905         \$5         \$0           Hse 5752         TOH         51905         \$5         \$0           Hse 5753         TOH         51905         \$5         \$0           Hse 5753         TOU         51906         \$5         \$0           Hse 5754         TOU         51906         \$5         \$0           Hse 5754         TOU         51908         \$5         \$0  
   
  | Hse 5748     TOE     51902     \$5     \$0       Hse 5749     TOF     51903     \$5     \$0       Hse 5750     TOF     51903     \$5     \$0       Hse 5751     TOH     51905     \$5     \$0       Hse 5752     TOH     51906     \$5     \$0       Hse 5752     TOI     51906     \$5     \$0       Hse 5753     TOI     51906     \$5     \$0       Hse 5754     TOL     51908     \$5     \$0       Hse 5755     TOL     51909     \$5     \$0   | Hee 5748         TOE         51902         \$5         \$0           Hse 5749         TOF         51903         \$5         \$0           Hse 5750         TOF         51904         \$5         \$0           Hse 5751         TOH         51904         \$5         \$0           Hse 5751         TOH         51904         \$5         \$0           Hse 5751         TOH         51906         \$5         \$0           Hse 5752         TOI         51906         \$5         \$0           Hse 5753         TOJ         51906         \$5         \$0           Hse 5753         TOJ         51906         \$5         \$0           Hse 5755         TOJ         51908         \$5         \$0           Hse 5755         TOL         51909         \$5         \$0           Hse 5756         TOD         51910         \$5         \$0   
   
  | Hse 5748         TOE         51902         \$5         \$0           Hse 5749         TOF         51903         \$5         \$0           Hse 5750         TOF         51904         \$5         \$0           Hse 5751         TOH         51905         \$5         \$0           Hse 5752         TOI         51906         \$5         \$0           Hse 5753         TOJ         51906         \$5         \$0           Hse 5753         TOL         51908         \$5         \$0           Hse 5755         TOL         51908         \$5         \$0           Hse 5756         TOL         51910         \$5         \$0           Hse 5758         TOP         51911         \$5         \$0  
  | -Hse 5748         TOE         51902         \$5         \$0           -Hse 5749         TOF         51903         \$5         \$0           -Hse 5750         TOG         51903         \$5         \$0           -Hse 5750         TOG         51904         \$5         \$0           -Hse 5751         TOH         51905         \$5         \$0           -Hse 5753         TOH         51906         \$5         \$0           -Hse 5753         TOU         51906  
      \$5         \$0           -Hse 5753         TOU         51906         \$5         \$0           -Hse 5753         TOU         51906         \$5         \$0           -Hse 5754         TOL         51908         \$5         \$0           -Hse 5755         TOL         51909         \$5         \$0           -Hse 5756         TOL         51910         \$5         \$0           -Hse 5756         TOP         51910         \$5         \$0           -Hse 5753         TOP         51911         \$5         \$0  
  | -Hse 5748         TOE         51902         \$5         \$0           -Hse 5749         TOF         51903         \$5         \$0           -Hse 5750         TOG         51904         \$5         \$0           -Hse 5750         TOG         51904         \$5         \$0           -Hse 5750         TOH         51905         \$5         \$0           -Hse 5751         TOH         51906         \$5         \$0           -Hse 5753         TOJ         51906         \$5         \$0           -Hse 5753         TOJ         51907         \$5         \$0           -Hse 5754         TOJ         51908         \$5         \$0           -Hse 5754         TOL         51909         \$5         \$0           -Hse 5755         TOL         51909         \$5         \$0           -Hse 5756         TOL         51910         \$5         \$0           -Hse 5756         TOO         51910         \$5         \$0           -Hse 5758         TOQ         51911         \$5         \$0           -Hse 5750         TOQ         51913         \$5         \$0           -Hse 5750         TOQ         51913         \$5  
   
  | Hse 5748         TOE         51902         \$5         \$0           Hse 5749         TOF         51903         \$5         \$0           Hse 5750         TOF         51903         \$5         \$0           Hse 5751         TOH         51905         \$5         \$0           Hse 5751         TOH         51905         \$5         \$0           Hse 5752         TOH         51905         \$5         \$0           Hse 5753         TOH         51905         \$5         \$0           Hse 5753         TOH         51905         \$5         \$0           Hse 5753         TOH         51906         \$5         \$0           Hse 5754         TOU         51908         \$5         \$0           Hse 5755         TOU         51909         \$5         \$0           Hse 5756         TOO         51910         \$5         \$0           Hse 5758         TOQ         51911         \$5         \$0           Hse 5750         TOQ         51912         \$5         \$0           Hse 5750         TOQ         51913         \$5         \$0           Hse 5750         TOQ         51913         \$5 <t< td=""><td>Hse 5748         TOE         51902         \$5         \$0           Hse 5749         TOF         51903         \$5         \$0           Hse 5750         TOF         51903         \$5         \$0           Hse 5751         TOH         51903         \$5         \$0           Hse 5750         TOH         51904         \$5         \$0           Hse 5751         TOH         51906         \$5         \$0           Hse 5753         TOJ         51906         \$5         \$0           Hse 5753         TOJ         51907         \$5         \$0           Hse 5755         TOJ         51908         \$5         \$0           Hse 5755         TOL         51910         \$5         \$0           Hse 5756         TOD         51910         \$5         \$0           Hse 5758         TOO         51910         \$5         \$0           Hse 5758         TOO         51910         \$5         \$0           Hse 5758         TOO         51911         \$5         \$0           Hse 5758         TOO         51913         \$5         \$0           Hse 5750         TOO         51913         \$5         <t< td=""><td>Hse 5748         TOE         51902         \$5         \$0           Hse 5750         TOF         51903         \$5         \$0           Hse 5751         TOF         51903         \$5         \$0           Hse 5751         TOF         51903         \$5         \$0           Hse 5751         TOH         51905         \$5         \$0           Hse 5752         TOH         51906         \$5         \$0           Hse 5753         TOH         51906         \$5         \$0           Hse 5753         TOU         51907         \$5         \$0           Hse 5753         TOL         51908         \$5         \$0           Hse 5755         TOL         51909         \$5         \$0           Hse 5755         TOL         51910         \$5         \$0           Hse 5756         TOO         51910         \$5         \$0           Hse 5756         TOO         51913         \$5         \$0           Hse 5750         TOQ         51913         \$5         \$0           Hse 5750         TOQ         51913         \$5         \$0           Hse 5750         TOQ         51913         \$5         <t< td=""><td>Hse 5748         TOE         51902         \$5         \$0           Hse 5749         TOF         51903         \$5         \$0           Hse 5750         TOG         51904         \$5         \$0           Hse 5751         TOH         51905         \$5         \$0           Hse 5751         TOH         51905         \$5         \$0           Hse 5752         TOH         51905         \$5         \$0           Hse 5752         TOU         51905         \$5         \$0           Hse 5753         TOU         51906         \$5         \$0           Hse 5754         TOU         51907         \$5         \$0           Hse 5755         TOU         51919         \$5         \$0           Hse 5756         TOO         51914         \$5         \$0           Hse 5759         TOO         51914         \$5         \$0           Hse 5750         TOQ         51914         \$5         \$0           Hse 5750         TOQ         51914         \$5         \$0           Hse 5760         TOQ         51914         \$5         \$0           Hse 5763         TOU         51916         \$5         <t< td=""><td>Hse 5748         TOE         51902         \$5         \$0           Hse 5750         TOF         51903         \$5         \$0           Hse 5751         TOF         51903         \$5         \$0           Hse 5751         TOH         51905         \$5         \$0           Hse 5751         TOH         51905         \$5         \$0           Hse 5752         TOH         51906         \$5         \$0           Hse 5753         TOU         51906         \$5         \$0           Hse 5753         TOU         51907         \$5         \$0           Hse 5754         TOL         51908         \$5         \$0           Hse 5755         TOL         51909         \$5         \$0           Hse 5756         TOL         51910         \$5         \$0           Hse 5766         TOO         51910         \$5         \$0           Hse 5761         TOQ         51913         \$5         \$0           Hse 5763         TOU         51914         \$5         \$0           Hse 5763         TOU         51913         \$5         \$0           Hse 5763         TOU         51916         \$5         <t< td=""><td>lse 5748         TOE         51902        
\$5         \$0           lse 5749         TOF         51903         \$5         \$0           lse 5750         TOF         51903         \$5         \$0           lse 5751         TOH         51905         \$5         \$0           lse 5752         TOH         51906         \$5         \$0           lse 5752         TOI         51906         \$5         \$0           lse 5753         TOU         51906         \$5         \$0           lse 5753         TOU         51906         \$5         \$0           lse 5753         TOU         51907         \$5         \$0           lse 5755         TOL         51908         \$5         \$0           lse 5755         TOL         51910         \$5         \$0           lse 5756         TOL         51910         \$5         \$0           lse 5758         TOQ         51913         \$5         \$0           lse 5758         TOQ         51913         \$5         \$0           lse 5760         TOQ         51913         \$5         \$0           lse 5763         TOU         51916         \$5         <t< td=""><td>se 5748         TOE         51902         \$5         \$0           se 5750         TOF         51903         \$5         \$0           se 5751         TOH         51903         \$5         \$0           se 5750         TOH         51905         \$5         \$0           se 5751         TOH         51905         \$5         \$0           se 5753         TOU         51906         \$5         \$0           se 5753         TOU         51906         \$5         \$0           se 5753         TOU         51906         \$5         \$0           se 5753         TOU         51908         \$5         \$0           se 5753         TOU         51909         \$5         \$0           se 5753         TOU         51910         \$5         \$0           se 5753         TOU         51910         \$5         \$0           se 5756         TOO         51910         \$5         \$0           se 5760         TOO         51914         \$5         \$0           se 5760         TOU         51916         \$5         \$0           se 5760         TOU         51916         \$5         \$0     <!--</td--><td>e 5748         TOE         51902         \$5         \$0           e 5749         TOF         51903         \$5         \$0           e 5750         TOH         51903         \$5         \$0           e 5751         TOH         51905         \$5         \$0           e 5752         TOH         51906         \$5         \$0           e 5753         TOU         51906         \$5         \$0           e 5753         TOU         51906         \$5         \$0           e 5753         TOL         51908         \$5         \$0           e 5755         TOL         51910         \$5         \$0           e 5755         TOC         51913         \$5         \$0           e 5759         TOO         51914         \$5         \$0           e 5759         TOO         51914         \$5         \$0           e 5760         TOO         51914         \$5         \$0           e 5763         TOO         51914         \$5         \$0           e 5763         TOU         51916         \$5         \$0           e 5764         TOU         51916         \$5         \$0</td><td>5748         TOE         51902         \$5         \$0           57749         TOF         51903         \$5         \$0           5750         TOF         51903         \$5         \$0           5751         TOH         51905         \$5         \$0           5752         TOH         51906         \$5         \$0           5753         TOH         51906         \$5         \$0           5753         TOU         51906         \$5         \$0           5753         TOU         51907         \$5         \$0           5755         TOL         51908         \$5         \$0           5756         TOC         51910         \$5         \$0           5756         TOO         51911         \$5         \$0           5758         TOO         51913         \$5         \$0           5756         TOO         51913         \$5         \$0           5756         TOU         51916         \$5         \$0           5761         TOU         51916         \$5         \$0           5763         TOU         51916         \$5         \$0      5764         TPO</td><td>5748         TOE         51902         \$5         \$0           5774         TOF         51903         \$5         \$0           5750         TOF         51903         \$5         \$0           5751         TOH         51905         \$5         \$0           5751         TOH         51906         \$5         \$0           5752         TOH         51906         \$5         \$0           5753         TOU         51907         \$5         \$0           5755         TOU         51908         \$5         \$0           5755         TOL         51909         \$5         \$0           5756         TOC         51910         \$5         \$0           5758         TOO         51914         \$5         \$0           5758         TOO         51914         \$5         \$0           5758         TOO         51914         \$5         \$0           5756         TOU         51914         \$5         \$0           5756         TOU         51914         \$5         \$0           5764         TOU         51916         \$5         \$0           5765         T</td><td>5748         TOE         51902         \$5         \$0           5779         TOF         51903         \$5         \$0           5750         TOF         51903         \$5         \$0           5751         TOH         51905         \$5         \$0           5751         TOH         51905         \$5         \$0           5752         TOU         51906         \$5         \$0           5753         TOU         51906         \$5         \$0           5755         TOU         51908         \$5         \$0           5755         TOU         51910         \$5         \$0           5756         TOC         51911         \$5         \$0           5758         TOO         51914         \$5         \$0           5756         TOO         51914         \$5         \$0           5758         TOO         51914         \$5         \$0           5756         TOO         51914         \$5         \$0           5756         TOU         51916         \$5         \$0           5761         TOU         51916         \$5         \$0           5763         T</td><td>5748         TOE         51902         \$5         \$0           5770         TOF         51903         \$5         \$0           5750         TOF         51903         \$5         \$0           5751         TOH         51905         \$5         \$0           5751         TOH         51906         \$5         \$0           5752         TOH         51906         \$5         \$0           5753         TOU         51906         \$5         \$0           5755         TOU         51908         \$5         \$0           5755         TOL         51910         \$5         \$0           5755         TOC         51913         \$5         \$0           5758         TOO         51914         \$5         \$0           5758         TOO         51913         \$5         \$0           5758         TOO         51914         \$5         \$0           5758         TOO         51914         \$5         \$0           5758         TOO         51916         \$5         \$0           5758         TOU         51916         \$5         \$0           5760         T</td><td>5748         TOE         51902         \$5         \$0           5749         TOF         51903         \$5         \$0           5750         TOF         51904         \$5         \$0           5750         TOH         51905         \$5         \$0           5751         TOH         51906         \$5         \$0           5752         TOU         51906         \$5         \$0           5753         TOU         51906         \$5         \$0           5753         TOU         51908         \$5         \$0           5755         TOL         51910         \$5         \$0           5756         TOO         51911         \$5         \$0           5758         TOO         51914         \$5         \$0           5759         TOO         51914         \$5         \$0           5756         TOU         51916         \$5         \$0           5756         TOU         51916         \$5         \$0           5761         TOU         51916         \$5         \$0           5761         TOU         51916         \$5         \$0           5761         T</td><td>5748         TOE         51902         \$5         \$5           5779         TOF         51903         \$5         \$5           5750         TOF         51903         \$5         \$5           5751         TOH         51905         \$5         \$5           5751         TOH         51905         \$5         \$5           5752         TOU         51906         \$5         \$5           5753         TOU         51906         \$5         \$5           5755         TOU         51908         \$5         \$5           5755         TOU         51910         \$5         \$5           5756         TOO         51911         \$5         \$5           5758         TOO         51914         \$5         \$5           5758         TOO         51916         \$5         \$5           5758         TOU         51916         \$5         \$5           5761         T</td><td>5748         TOE         51902         \$5         \$0           5749         TOF         51903         \$5         \$0           5750         TOF         51903         \$5         \$0           5751         TOH         51905         \$5         \$0           5751         TOH         51906         \$5         \$0           5753         TOJ         51906         \$5         \$0           5754         TOJ         51906         \$5         \$0           5753         TOJ         51906         \$5         \$0           5754         TOJ         51916         \$5         \$0           5755 
       TOO         51916         \$5         \$0           5756         TOO         51916         \$5         \$0           5758         TOO         51916         \$5         \$0           5760         TOO         51916         \$5         \$0           5761         TON         51916         \$5         \$0           5763         TOO         51916         \$5         \$0           5760         TON         51916         \$5         \$0           5761         T</td></td></t<></td></t<></td></t<></td></t<></td></t<></td></t<>  | Hse 5748         TOE         51902         \$5         \$0           Hse 5749         TOF         51903         \$5         \$0           Hse 5750         TOF         51903         \$5         \$0           Hse 5751         TOH         51903         \$5         \$0           Hse 5750         TOH         51904         \$5         \$0           Hse 5751         TOH         51906         \$5         \$0           Hse 5753         TOJ         51906         \$5         \$0           Hse 5753         TOJ         51907         \$5         \$0           Hse 5755         TOJ         51908         \$5         \$0           Hse 5755         TOL         51910         \$5         \$0           Hse 5756         TOD         51910         \$5         \$0           Hse 5758         TOO         51910         \$5         \$0           Hse 5758         TOO         51910         \$5         \$0           Hse 5758         TOO         51911         \$5         \$0           Hse 5758         TOO         51913         \$5         \$0           Hse 5750         TOO         51913         \$5 <t< td=""><td>Hse 5748         TOE         51902         \$5         \$0           Hse 5750         TOF         51903         \$5         \$0           Hse 5751         TOF         51903         \$5         \$0           Hse 5751         TOF         51903         \$5         \$0           Hse 5751         TOH         51905         \$5         \$0           Hse 5752         TOH         51906         \$5         \$0           Hse 5753         TOH         51906         \$5         \$0           Hse 5753         TOU         51907         \$5         \$0           Hse 5753         TOL         51908         \$5         \$0           Hse 5755         TOL         51909         \$5         \$0           Hse 5755         TOL         51910         \$5         \$0           Hse 5756         TOO         51910         \$5         \$0           Hse 5756         TOO         51913         \$5         \$0           Hse 5750         TOQ         51913         \$5         \$0           Hse 5750         TOQ         51913         \$5         \$0           Hse 5750         TOQ         51913         \$5         <t< td=""><td>Hse 5748         TOE         51902         \$5         \$0           Hse 5749         TOF         51903         \$5         \$0           Hse 5750         TOG         51904         \$5         \$0           Hse 5751         TOH         51905         \$5         \$0           Hse 5751         TOH         51905         \$5         \$0           Hse 5752         TOH         51905         \$5         \$0           Hse 5752         TOU         51905         \$5         \$0           Hse 5753         TOU         51906         \$5         \$0           Hse 5754         TOU         51907         \$5         \$0           Hse 5755         TOU         51919         \$5         \$0           Hse 5756         TOO         51914         \$5         \$0           Hse 5759         TOO         51914         \$5         \$0           Hse 5750         TOQ         51914         \$5         \$0           Hse 5750         TOQ         51914         \$5         \$0           Hse 5760         TOQ         51914         \$5         \$0           Hse 5763         TOU         51916         \$5         <t< td=""><td>Hse 5748         TOE         51902         \$5         \$0           Hse 5750         TOF         51903         \$5         \$0           Hse 5751         TOF         51903         \$5         \$0           Hse 5751         TOH         51905         \$5         \$0           Hse 5751         TOH         51905         \$5         \$0           Hse 5752         TOH         51906         \$5         \$0           Hse 5753         TOU         51906         \$5         \$0           Hse 5753         TOU         51907         \$5         \$0           Hse 5754         TOL         51908         \$5         \$0           Hse 5755         TOL         51909         \$5         \$0           Hse 5756         TOL         51910         \$5         \$0           Hse 5766         TOO         51910         \$5         \$0           Hse 5761         TOQ         51913         \$5         \$0           Hse 5763         TOU         51914         \$5         \$0           Hse 5763         TOU         51913         \$5         \$0           Hse 5763         TOU         51916         \$5         <t< td=""><td>lse 5748         TOE         51902         \$5         \$0           lse 5749         TOF         51903         \$5         \$0           lse 5750         TOF         51903         \$5         \$0           lse 5751         TOH         51905         \$5         \$0           lse 5752         TOH         51906         \$5         \$0           lse 5752         TOI         51906         \$5         \$0           lse 5753         TOU         51906         \$5         \$0           lse 5753         TOU         51906         \$5         \$0           lse 5753         TOU         51907         \$5         \$0           lse 5755         TOL         51908         \$5         \$0           lse 5755         TOL         51910         \$5         \$0           lse 5756         TOL         51910         \$5         \$0           lse 5758         TOQ         51913         \$5         \$0           lse 5758         TOQ         51913         \$5         \$0           lse 5760         TOQ         51913         \$5         \$0           lse 5763         TOU         51916         \$5         <t< td=""><td>se 5748         TOE         51902         \$5         \$0           se 5750         TOF         51903         \$5         \$0           se 5751         TOH         51903         \$5         \$0           se 5750         TOH         51905         \$5         \$0           se 5751         TOH         51905         \$5         \$0           se 5753         TOU         51906         \$5         \$0           se 5753         TOU         51906         \$5         \$0           se 5753         TOU         51906         \$5         \$0           se 5753         TOU         51908         \$5         \$0           se 5753         TOU         51909         \$5         \$0           se 5753         TOU         51910         \$5         \$0           se 5753         TOU         51910         \$5         \$0           se 5756         TOO         51910         \$5         \$0           se 5760         TOO         51914         \$5         \$0           se 5760         TOU         51916         \$5         \$0           se 5760         TOU         51916         \$5         \$0     <!--</td--><td>e 5748         TOE         51902         \$5         \$0           e 5749         TOF         51903         \$5         \$0           e 5750         TOH         51903         \$5         \$0           e 5751         TOH         51905         \$5         \$0           e 5752         TOH         51906         \$5         \$0           e 5753         TOU         51906         \$5         \$0           e 5753         TOU         51906         \$5         \$0           e 5753         TOL         51908         \$5         \$0           e 5755         TOL         51910         \$5         \$0           e 5755         TOC         51913         \$5         \$0           e 5759         TOO         51914         \$5         \$0           e 5759         TOO         51914         \$5         \$0           e 5760         TOO         51914         \$5         \$0           e 5763         TOO         51914         \$5         \$0           e 5763         TOU         51916         \$5         \$0           e 5764         TOU         51916         \$5         \$0</td><td>5748         TOE         51902         \$5         \$0           57749         TOF         51903         \$5         \$0           5750         TOF         51903         \$5         \$0           5751         TOH         51905         \$5         \$0           5752         TOH         51906         \$5         \$0           5753         TOH         51906         \$5         \$0           5753         TOU         51906         \$5         \$0           5753         TOU         51907         \$5         \$0           5755         TOL         51908         \$5         \$0           5756         TOC         51910         \$5         \$0           5756         TOO         51911         \$5         \$0           5758         TOO         51913         \$5         \$0           5756         TOO         51913         \$5         \$0           5756         TOU         51916         \$5         \$0           5761         TOU         51916         \$5         \$0           5763         TOU         51916         \$5         \$0      5764         TPO</td><td>5748         TOE         51902         \$5         \$0           5774         TOF         51903         \$5         \$0           5750         TOF         51903         \$5         \$0           5751         TOH         51905         \$5         \$0           5751         TOH         51906         \$5         \$0           5752         TOH         51906         \$5         \$0           5753         TOU         51907         \$5         \$0           5755         TOU        
51908         \$5         \$0           5755         TOL         51909         \$5         \$0           5756         TOC         51910         \$5         \$0           5758         TOO         51914         \$5         \$0           5758         TOO         51914         \$5         \$0           5758         TOO         51914         \$5         \$0           5756         TOU         51914         \$5         \$0           5756         TOU         51914         \$5         \$0           5764         TOU         51916         \$5         \$0           5765         T</td><td>5748         TOE         51902         \$5         \$0           5779         TOF         51903         \$5         \$0           5750         TOF         51903         \$5         \$0           5751         TOH         51905         \$5         \$0           5751         TOH         51905         \$5         \$0           5752         TOU         51906         \$5         \$0           5753         TOU         51906         \$5         \$0           5755         TOU         51908         \$5         \$0           5755         TOU         51910         \$5         \$0           5756         TOC         51911         \$5         \$0           5758         TOO         51914         \$5         \$0           5756         TOO         51914         \$5         \$0           5758         TOO         51914         \$5         \$0           5756         TOO         51914         \$5         \$0           5756         TOU         51916         \$5         \$0           5761         TOU         51916         \$5         \$0           5763         T</td><td>5748         TOE         51902         \$5         \$0           5770         TOF         51903         \$5         \$0           5750         TOF         51903         \$5         \$0           5751         TOH         51905         \$5         \$0           5751         TOH         51906         \$5         \$0           5752         TOH         51906         \$5         \$0           5753         TOU         51906         \$5         \$0           5755         TOU         51908         \$5         \$0           5755         TOL         51910         \$5         \$0           5755         TOC         51913         \$5         \$0           5758         TOO         51914         \$5         \$0           5758         TOO         51913         \$5         \$0           5758         TOO         51914         \$5         \$0           5758         TOO         51914         \$5         \$0           5758         TOO         51916         \$5         \$0           5758         TOU         51916         \$5         \$0           5760         T</td><td>5748         TOE         51902         \$5         \$0           5749         TOF         51903         \$5         \$0           5750         TOF         51904         \$5         \$0           5750         TOH         51905         \$5         \$0           5751         TOH         51906         \$5         \$0           5752         TOU         51906         \$5         \$0           5753         TOU         51906         \$5         \$0           5753         TOU         51908         \$5         \$0           5755         TOL         51910         \$5         \$0           5756         TOO         51911         \$5         \$0           5758         TOO         51914         \$5         \$0           5759         TOO         51914         \$5         \$0           5756         TOU         51916         \$5         \$0           5756         TOU         51916         \$5         \$0           5761         TOU         51916         \$5         \$0           5761         TOU         51916         \$5         \$0           5761         T</td><td>5748         TOE         51902         \$5         \$5           5779         TOF         51903         \$5         \$5           5750         TOF         51903         \$5         \$5           5751         TOH         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51906         \$5         \$0           5754         TOJ         51906         \$5         \$0           5753         TOJ         51906         \$5         \$0           5754         TOJ         51916         \$5         \$0           5755         TOO         51916         \$5         \$0           5756         TOO         51916         \$5         \$0           5758         TOO         51916         \$5         \$0           5760         TOO         51916         \$5         \$0           5761         TON         51916         \$5         \$0           5763         TOO         51916         \$5         \$0           5760         TON         51916         \$5         \$0           5761         T</td></td></t<></td></t<></td></t<></td></t<></td></t<>  | Hse 5748         TOE         51902         \$5         \$0           Hse 5750         TOF         51903         \$5         \$0           Hse 5751         TOF         51903         \$5         \$0           Hse 5751         TOF         51903         \$5         \$0           Hse 5751         TOH         51905         \$5         \$0           Hse 5752         TOH         51906         \$5         \$0           Hse 5753         TOH         51906         \$5         \$0           Hse 5753         TOU         51907         \$5         \$0           Hse 5753         TOL         51908         \$5         \$0           Hse 5755         TOL         51909         \$5         \$0           Hse 5755         TOL         51910         \$5         \$0           Hse 5756         TOO         51910         \$5         \$0           Hse 5756         TOO         51913         \$5         \$0           Hse 5750         TOQ         51913         \$5         \$0           Hse 5750         TOQ         51913         \$5         \$0           Hse 5750         TOQ         51913         \$5 <t< td=""><td>Hse 5748         TOE         51902         \$5         \$0           Hse 5749         TOF         51903         \$5         \$0           Hse 5750         TOG         51904         \$5         \$0           Hse 5751         TOH         51905         \$5         \$0           Hse 5751         TOH         51905         \$5         \$0           Hse 5752         TOH         51905         \$5         \$0           Hse 5752         TOU         51905         \$5         \$0           Hse 5753         TOU         51906         \$5         \$0           Hse 5754         TOU         51907         \$5         \$0           Hse 5755         TOU         51919         \$5         \$0           Hse 5756         TOO         51914         \$5         \$0           Hse 5759         TOO         51914         \$5         \$0           Hse 5750         TOQ         51914         \$5         \$0           Hse 5750         TOQ         51914         \$5         \$0           Hse 5760         TOQ         51914         \$5         \$0           Hse 5763         TOU         51916         \$5         <t< td=""><td>Hse 5748         TOE         51902 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       \$0           se 5753         TOU         51909         \$5         \$0           se 5753         TOU         51910         \$5         \$0           se 5753         TOU         51910         \$5         \$0           se 5756         TOO         51910         \$5         \$0           se 5760         TOO         51914         \$5         \$0           se 5760         TOU         51916         \$5         \$0           se 5760         TOU         51916         \$5         \$0     <!--</td--><td>e 5748         TOE         51902         \$5         \$0           e 5749         TOF         51903         \$5         \$0           e 5750         TOH         51903         \$5         \$0           e 5751         TOH         51905         \$5         \$0           e 5752         TOH         51906         \$5         \$0           e 5753         TOU         51906         \$5         \$0           e 5753         TOU         51906         \$5         \$0           e 5753         TOL         51908         \$5         \$0           e 5755         TOL         51910         \$5         \$0           e 5755         TOC         51913         \$5         \$0           e 5759         TOO         51914         \$5         \$0           e 5759         TOO         51914         \$5         \$0           e 5760         TOO         51914         \$5         \$0           e 5763         TOO         51914         \$5         \$0           e 5763         TOU         51916         \$5         \$0           e 5764         TOU         51916         \$5         \$0</td><td>5748         TOE         51902         \$5         \$0           57749         TOF         51903         \$5         \$0           5750         TOF         51903         \$5         \$0           5751         TOH         51905         \$5         \$0           5752         TOH         51906         \$5         \$0           5753         TOH         51906         \$5         \$0           5753         TOU         51906         \$5         \$0           5753         TOU         51907         \$5         \$0           5755         TOL         51908         \$5         \$0           5756         TOC         51910         \$5         \$0           5756         TOO         51911         \$5         \$0           5758         TOO         51913         \$5         \$0           5756         TOO         51913         \$5         \$0           5756         TOU         51916         \$5         \$0           5761         TOU         51916         \$5         \$0           5763         TOU         51916         \$5         \$0      5764         TPO</td><td>5748         TOE         51902         \$5         \$0           5774         TOF         51903         \$5         \$0           5750         TOF         51903         \$5         \$0           5751         TOH         51905         \$5         \$0           5751         TOH         51906         \$5         \$0           5752         TOH         51906         \$5         \$0           5753         TOU         51907         \$5         \$0           5755         TOU         51908         \$5         \$0           5755         TOL         51909         \$5         \$0           5756         TOC         51910         \$5         \$0           5758         TOO         51914         \$5         \$0           5758         TOO         51914         \$5         \$0           5758         TOO         51914         \$5         \$0           5756         TOU         51914         \$5         \$0           5756         TOU         51914         \$5         \$0           5764         TOU         51916         \$5         \$0           5765         T</td><td>5748         TOE         51902         \$5         \$0           5779         TOF         51903         \$5         \$0           5750         TOF         51903         \$5         \$0           5751         TOH         51905         \$5         \$0           5751         TOH         51905         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\$5         \$0           5751         TOH         51906         \$5         \$0           5752         TOH         51906         \$5         \$0           5753         TOU         51906         \$5         \$0           5755         TOU         51908         \$5         \$0           5755         TOL         51910         \$5         \$0           5755         TOC         51913         \$5         \$0           5758         TOO         51914         \$5         \$0           5758         TOO         51913         \$5         \$0           5758         TOO         51914         \$5         \$0           5758         TOO         51914         \$5         \$0           5758         TOO         51916         \$5         \$0           5758         TOU         51916         \$5         \$0           5760         T</td><td>5748         TOE         51902         \$5         \$0           5749         TOF         51903         \$5         \$0           5750         TOF         51904         \$5         \$0           5750         TOH         51905         \$5         \$0           5751         TOH         51906         \$5         \$0           5752         TOU         51906         \$5         \$0           5753         TOU         51906         \$5         \$0           5753         TOU         51908         \$5         \$0           5755         TOL         51910         \$5         \$0           5756         TOO         51911         \$5         \$0           5758         TOO         51914         \$5         \$0           5759         TOO         51914         \$5         \$0           5756         TOU         51916         \$5         \$0           5756         TOU         51916         \$5         \$0           5761         TOU         51916         \$5         \$0           5761         TOU         51916         \$5         \$0           5761         T</td><td>5748         TOE         51902         \$5         \$5           5779         TOF         51903         \$5         \$5           5750         TOF         51903         \$5         \$5           5751         TOH         51905         \$5         \$5           5751         TOH         51905         \$5         \$5           5752         TOU         51906         \$5         \$5           5753         TOU         51906         \$5         \$5           5755         TOU         51908         \$5         \$5           5755         TOU         51910         \$5         \$5           5756         TOO         51911         \$5         \$5           5758         TOO         51914         \$5         \$5           5758         TOO         51916         \$5         \$5           5758         TOU         51916         \$5         \$5           5761         T</td><td>5748         TOE         51902         \$5         \$0           5749         TOF         51903         \$5         \$0           5750         TOF         51903         \$5         \$0           5751         TOH         51905         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   | Hse 5748         TOE         51902         \$5         \$0           Hse 5749         TOF         51903         \$5         \$0           Hse 5750         TOG         51904         \$5         \$0           Hse 5751         TOH         51905         \$5         \$0           Hse 5751         TOH         51905         \$5         \$0           Hse 5752         TOH         51905         \$5         \$0           Hse 5752         TOU         51905         \$5         \$0           Hse 5753         TOU         51906         \$5         \$0           Hse 5754         TOU         51907         \$5         \$0           Hse 5755         TOU         51919         \$5         \$0           Hse 5756         TOO         51914         \$5         \$0           Hse 5759         TOO         51914         \$5         \$0           Hse 5750         TOQ         51914         \$5         \$0           Hse 5750         TOQ         51914         \$5         \$0           Hse 5760         TOQ         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     TOU         51910         \$5         \$0           se 5753         TOU         51910         \$5         \$0           se 5756         TOO         51910         \$5         \$0           se 5760         TOO         51914         \$5         \$0           se 5760         TOU         51916         \$5         \$0           se 5760         TOU         51916         \$5         \$0     <!--</td--><td>e 5748         TOE         51902         \$5         \$0           e 5749         TOF         51903         \$5         \$0           e 5750         TOH         51903         \$5         \$0           e 5751         TOH         51905         \$5         \$0           e 5752         TOH         51906         \$5         \$0           e 5753         TOU         51906         \$5         \$0           e 5753         TOU         51906         \$5         \$0           e 5753         TOL         51908         \$5         \$0           e 5755         TOL         51910         \$5         \$0           e 5755         TOC         51913         \$5         \$0           e 5759         TOO         51914         \$5         \$0           e 5759         TOO         51914         \$5         \$0           e 5760         TOO         51914         \$5         \$0           e 5763         TOO         51914         \$5         \$0           e 5763         TOU         51916         \$5         \$0           e 5764         TOU         51916         \$5         \$0</td><td>5748         TOE         51902         \$5         \$0           57749         TOF         51903         \$5         \$0           5750         TOF         51903         \$5         \$0           5751         TOH         51905         \$5         \$0           5752         TOH         51906         \$5         \$0           5753         TOH         51906         \$5         \$0           5753         TOU         51906         \$5         \$0           5753         TOU         51907         \$5         \$0           5755         TOL         51908         \$5         \$0           5756         TOC         51910         \$5         \$0           5756         TOO         51911         \$5         \$0           5758         TOO         51913         \$5         \$0           5756         TOO         51913         \$5         \$0           5756         TOU         51916         \$5         \$0           5761         TOU         51916         \$5         \$0           5763         TOU         51916         \$5         \$0      5764         TPO</td><td>5748         TOE         51902         \$5         \$0           5774         TOF         51903         \$5         \$0           5750         TOF         51903         \$5         \$0           5751         TOH         51905         \$5         \$0           5751         TOH         51906         \$5         \$0           5752         TOH         51906         \$5         \$0           5753         TOU         51907         \$5         \$0           5755         TOU         51908         \$5         \$0           5755         TOL         51909         \$5         \$0           5756         TOC         51910         \$5         \$0           5758         TOO         51914         \$5         \$0           5758         TOO         51914         \$5         \$0           5758         TOO         51914         \$5         \$0           5756         TOU         51914         \$5         \$0           5756         TOU         51914         \$5         \$0           5764         TOU         51916         \$5         \$0           5765         T</td><td>5748         TOE         51902         \$5         \$0           5779         TOF         51903         \$5         \$0           5750         TOF         51903         \$5         \$0           5751         TOH         51905         \$5         \$0           5751         TOH         51905         \$5         \$0           5752         TOU         51906         \$5         \$0           5753         TOU         51906         \$5         \$0           5755         TOU         51908         \$5         \$0           5755         TOU         51910         \$5         \$0           5756         TOC         51911         \$5         \$0           5758         TOO         51914         \$5         \$0           5756         TOO         51914         \$5         \$0           5758         TOO         51914         \$5         \$0           5756         TOO         51914         \$5         \$0           5756         TOU         51916         \$5         \$0           5761         TOU         51916         \$5         \$0           5763         T</td><td>5748         TOE         51902         \$5         \$0           5770         TOF         51903         \$5         \$0           5750         TOF         51903         \$5         \$0           5751         TOH         51905         \$5         \$0           5751         TOH         51906         \$5         \$0           5752         TOH         51906         \$5         \$0           5753         TOU         51906         \$5         \$0           5755         TOU         51908         \$5         \$0           5755         TOL         51910         \$5         \$0           5755         TOC         51913         \$5         \$0           5758         TOO         51914         \$5         \$0           5758     
   TOO         51913         \$5         \$0           5758         TOO         51914         \$5         \$0           5758         TOO         51914         \$5         \$0           5758         TOO         51916         \$5         \$0           5758         TOU         51916         \$5         \$0           5760         T</td><td>5748         TOE         51902         \$5         \$0           5749         TOF         51903         \$5         \$0           5750         TOF         51904         \$5         \$0           5750         TOH         51905         \$5         \$0           5751         TOH         51906         \$5         \$0           5752         TOU         51906         \$5         \$0           5753         TOU         51906         \$5         \$0           5753         TOU         51908         \$5         \$0           5755         TOL         51910         \$5         \$0           5756         TOO         51911         \$5         \$0           5758         TOO         51914         \$5         \$0           5759         TOO         51914         \$5         \$0           5756         TOU         51916         \$5         \$0           5756         TOU         51916         \$5         \$0           5761         TOU         51916         \$5         \$0           5761         TOU         51916         \$5         \$0           5761         T</td><td>5748         TOE         51902         \$5         \$5           5779         TOF         51903         \$5         \$5           5750         TOF         51903         \$5         \$5           5751         TOH         51905         \$5         \$5           5751         TOH         51905         \$5         \$5           5752         TOU         51906         \$5         \$5           5753         TOU         51906         \$5         \$5           5755         TOU         51908         \$5         \$5           5755         TOU         51910         \$5         \$5           5756         TOO         51911         \$5         \$5           5758         TOO         51914         \$5         \$5           5758         TOO         51916         \$5         \$5           5758         TOU         51916         \$5         \$5           5761         T</td><td>5748         TOE         51902         \$5         \$0           5749         TOF         51903         \$5         \$0           5750         TOF         51903         \$5         \$0           5751         TOH         51905         \$5         \$0           5751         TOH         51906         \$5         \$0           5753         TOJ         51906         \$5         \$0           5754         TOJ         51906         \$5         \$0           5753         TOJ         51906         \$5         \$0           5754         TOJ         51916         \$5         \$0           5755         TOO         51916         \$5         \$0           5756         TOO         51916         \$5         \$0           5758         TOO         51916         \$5         \$0           5760         TOO         51916         \$5         \$0           5761         TON         51916         \$5         \$0           5763         TOO         51916         \$5         \$0           5760         TON         51916         \$5         \$0           5761         T</td></td></t<></td></t<></td></t<>  | Hse 5748         TOE         51902         \$5         \$0           Hse 5750         TOF         51903         \$5         \$0           Hse 5751         TOF         51903         \$5         \$0           Hse 5751         TOH         51905         \$5         \$0           Hse 5751         TOH         51905         \$5         \$0           Hse 5752         TOH         51906         \$5         \$0           Hse 5753         TOU         51906         \$5         \$0           Hse 5753         TOU         51907         \$5         \$0           Hse 5754         TOL         51908         \$5         \$0           Hse 5755         TOL         51909         \$5         \$0           Hse 5756         TOL         51910         \$5         \$0           Hse 5766         TOO         51910         \$5         \$0           Hse 5761         TOQ         51913         \$5         \$0           Hse 5763         TOU         51914         \$5         \$0           Hse 5763         TOU         51913         \$5         \$0           Hse 5763         TOU         51916         \$5 <t< td=""><td>lse 5748         TOE         51902         \$5         \$0           lse 5749         TOF         51903         \$5         \$0           lse 5750         TOF         51903         \$5         \$0           lse 5751         TOH         51905         \$5         \$0           lse 5752         TOH         51906         \$5         \$0           lse 5752         TOI         51906         \$5         \$0           lse 5753         TOU         51906         \$5         \$0           lse 5753         TOU         51906         \$5         \$0           lse 5753         TOU         51907         \$5         \$0           lse 5755         TOL         51908         \$5         \$0           lse 5755         TOL         51910         \$5         \$0           lse 5756         TOL         51910         \$5         \$0           lse 5758         TOQ         51913         \$5         \$0           lse 5758         TOQ         51913         \$5         \$0           lse 5760         TOQ         51913         \$5         \$0           lse 5763         TOU         51916         \$5         <t< td=""><td>se 5748         TOE         51902         \$5         \$0           se 5750         TOF         51903         \$5         \$0           se 5751         TOH         51903         \$5         \$0           se 5750         TOH         51905         \$5         \$0           se 5751         TOH         51905         \$5         \$0           se 5753         TOU         51906         \$5         \$0           se 5753         TOU         51906         \$5         \$0           se 5753         TOU         51906         \$5         \$0           se 5753         TOU         51908         \$5         \$0           se 5753         TOU         51909         \$5         \$0           se 5753         TOU         51910         \$5         \$0           se 5753         TOU         51910         \$5         \$0           se 5756         TOO         51910         \$5         \$0           se 5760         TOO         51914         \$5         \$0           se 5760         TOU         51916         \$5         \$0           se 5760         TOU         51916         \$5         \$0     <!--</td--><td>e 5748         TOE         51902         \$5         \$0           e 5749         TOF         51903         \$5         \$0           e 5750         TOH         51903         \$5         \$0           e 5751         TOH         51905         \$5         \$0           e 5752         TOH         51906         \$5         \$0           e 5753         TOU         51906         \$5         \$0           e 5753         TOU         51906         \$5         \$0           e 5753         TOL         51908         \$5         \$0           e 5755         TOL         51910         \$5         \$0           e 5755         TOC         51913         \$5         \$0           e 5759         TOO         51914         \$5         \$0           e 5759         TOO         51914         \$5         \$0           e 5760         TOO         51914         \$5         \$0           e 5763         TOO         51914         \$5         \$0           e 5763         TOU         51916         \$5         \$0           e 5764         TOU         51916         \$5         \$0</td><td>5748         TOE         51902         \$5         \$0           57749         TOF         51903         \$5         \$0           5750         TOF         51903         \$5         \$0           5751         TOH         51905         \$5         \$0           5752         TOH         51906         \$5         \$0           5753         TOH         51906         \$5         \$0           5753         TOU         51906         \$5         \$0           5753         TOU         51907         \$5         \$0           5755         TOL         51908         \$5         \$0           5756         TOC         51910         \$5         \$0           5756         TOO         51911         \$5         \$0           5758         TOO         51913         \$5         \$0           5756         TOO         51913         \$5         \$0           5756         TOU         51916         \$5         \$0           5761         TOU         51916         \$5         \$0           5763         TOU         51916         \$5         \$0      5764         TPO</td><td>5748         TOE         51902         \$5         \$0           5774         TOF         51903         \$5         \$0           5750         TOF         51903         \$5         \$0           5751         TOH         51905         \$5         \$0           5751         TOH         51906         \$5         \$0           5752         TOH         51906         \$5         \$0           5753         TOU         51907         \$5         \$0           5755         TOU         51908         \$5         \$0           5755         TOL         51909         \$5         \$0           5756         TOC         51910         \$5         \$0           5758         TOO         51914         \$5         \$0           5758         TOO         51914         \$5         \$0           5758         TOO         51914         \$5         \$0           5756         TOU         51914         \$5         \$0           5756         TOU         51914         \$5        
\$0           5764         TOU         51916         \$5         \$0           5765         T</td><td>5748         TOE         51902         \$5         \$0           5779         TOF         51903         \$5         \$0           5750         TOF         51903         \$5         \$0           5751         TOH         51905         \$5         \$0           5751         TOH         51905         \$5         \$0           5752         TOU         51906         \$5         \$0           5753         TOU         51906         \$5         \$0           5755         TOU         51908         \$5         \$0           5755         TOU         51910         \$5         \$0           5756         TOC         51911         \$5         \$0           5758         TOO         51914         \$5         \$0           5756         TOO         51914         \$5         \$0           5758         TOO         51914         \$5         \$0           5756         TOO         51914         \$5         \$0           5756         TOU         51916         \$5         \$0           5761         TOU         51916         \$5         \$0           5763         T</td><td>5748         TOE         51902         \$5         \$0           5770         TOF         51903         \$5         \$0           5750         TOF         51903         \$5         \$0           5751         TOH         51905         \$5         \$0           5751         TOH         51906         \$5         \$0           5752         TOH         51906         \$5         \$0           5753         TOU         51906         \$5         \$0           5755         TOU         51908         \$5         \$0           5755         TOL         51910         \$5         \$0           5755         TOC         51913         \$5         \$0           5758         TOO         51914         \$5         \$0           5758         TOO         51913         \$5         \$0           5758         TOO         51914         \$5         \$0           5758         TOO         51914         \$5         \$0           5758         TOO         51916         \$5         \$0           5758         TOU         51916         \$5         \$0           5760         T</td><td>5748         TOE         51902         \$5         \$0           5749         TOF         51903         \$5         \$0           5750         TOF         51904         \$5         \$0           5750         TOH         51905         \$5         \$0           5751         TOH         51906         \$5         \$0           5752         TOU         51906         \$5         \$0           5753         TOU         51906         \$5         \$0           5753         TOU         51908         \$5         \$0           5755         TOL         51910         \$5         \$0           5756         TOO         51911         \$5         \$0           5758         TOO         51914         \$5         \$0           5759         TOO         51914         \$5         \$0           5756         TOU         51916         \$5         \$0           5756         TOU         51916         \$5         \$0           5761         TOU         51916         \$5         \$0           5761         TOU         51916         \$5         \$0           5761         T</td><td>5748         TOE         51902         \$5         \$5           5779         TOF         51903         \$5         \$5           5750         TOF         51903         \$5         \$5           5751         TOH         51905         \$5         \$5           5751         TOH         51905         \$5         \$5           5752         TOU         51906         \$5         \$5           5753         TOU         51906         \$5         \$5           5755         TOU         51908         \$5         \$5           5755         TOU         51910         \$5         \$5           5756         TOO         51911         \$5         \$5           5758         TOO         51914         \$5         \$5           5758         TOO         51916         \$5         \$5           5758         TOU         51916         \$5         \$5           5761         T</td><td>5748         TOE         51902         \$5         \$0           5749         TOF         51903         \$5         \$0           5750         TOF         51903         \$5         \$0           5751         TOH         51905         \$5         \$0           5751         TOH         51906         \$5         \$0           5753         TOJ         51906         \$5         \$0           5754         TOJ         51906         \$5         \$0           5753         TOJ         51906         \$5         \$0           5754         TOJ         51916         \$5         \$0           5755         TOO         51916         \$5         \$0           5756         TOO         51916         \$5         \$0           5758         TOO         51916         \$5         \$0           5760         TOO         51916         \$5         \$0           5761         TON         51916         \$5         \$0           5763         TOO         51916         \$5         \$0           5760         TON         51916         \$5         \$0           5761         T</td></td></t<></td></t<>   | lse 5748         TOE         51902         \$5         \$0           lse 5749         TOF         51903         \$5         \$0           lse 5750         TOF         51903         \$5         \$0           lse 5751         TOH         51905         \$5         \$0           lse 5752         TOH         51906         \$5         \$0           lse 5752         TOI         51906         \$5         \$0           lse 5753         TOU         51906         \$5         \$0           lse 5753         TOU         51906         \$5         \$0           lse 5753         TOU         51907         \$5         \$0           lse 5755         TOL         51908         \$5         \$0           lse 5755         TOL         51910         \$5         \$0           lse 5756         TOL         51910         \$5         \$0           lse 5758         TOQ         51913         \$5         \$0           lse 5758         TOQ         51913         \$5         \$0           lse 5760         TOQ         51913         \$5         \$0           lse 5763         TOU         51916         \$5 <t< td=""><td>se 5748         TOE         51902         \$5         \$0           se 5750         TOF         51903         \$5         \$0           se 5751         TOH         51903         \$5         \$0           se 5750         TOH         51905         \$5         \$0           se 5751         TOH         51905         \$5         \$0           se 5753         TOU         51906         \$5         \$0           se 5753         TOU         51906         \$5         \$0           se 5753         TOU         51906         \$5         \$0           se 5753         TOU         51908         \$5         \$0           se 5753         TOU         51909         \$5         \$0           se 5753         TOU         51910         \$5         \$0           se 5753         TOU         51910         \$5         \$0           se 5756         TOO         51910         \$5         \$0           se 5760         TOO         51914         \$5         \$0           se 5760         TOU         51916         \$5         \$0           se 5760         TOU         51916         \$5         \$0     <!--</td--><td>e 5748         TOE         51902         \$5         \$0           e 5749         TOF         51903         \$5         \$0           e 5750         TOH         51903         \$5         \$0           e 5751         TOH         51905         \$5         \$0           e 5752         TOH         51906         \$5         \$0           e 5753         TOU         51906         \$5         \$0           e 5753         TOU         51906         \$5         \$0           e 5753         TOL         51908         \$5         \$0           e 5755         TOL         51910         \$5         \$0           e 5755         TOC         51913         \$5         \$0           e 5759         TOO         51914         \$5         \$0           e 5759         TOO         51914         \$5         \$0           e 5760         TOO         51914         \$5         \$0           e 5763         TOO         51914         \$5         \$0           e 5763         TOU         51916         \$5         \$0           e 5764         TOU         51916         \$5         \$0</td><td>5748         TOE         51902         \$5         \$0           57749         TOF         51903         \$5         \$0           5750         TOF         51903         \$5        
\$0           5751         TOH         51905         \$5         \$0           5752         TOH         51906         \$5         \$0           5753         TOH         51906         \$5         \$0           5753         TOU         51906         \$5         \$0           5753         TOU         51907         \$5         \$0           5755         TOL         51908         \$5         \$0           5756         TOC         51910         \$5         \$0           5756         TOO         51911         \$5         \$0           5758         TOO         51913         \$5         \$0           5756         TOO         51913         \$5         \$0           5756         TOU         51916         \$5         \$0           5761         TOU         51916         \$5         \$0           5763         TOU         51916         \$5         \$0      5764         TPO</td><td>5748         TOE         51902         \$5         \$0           5774         TOF         51903         \$5         \$0           5750         TOF         51903         \$5         \$0           5751         TOH         51905         \$5         \$0           5751         TOH         51906         \$5         \$0           5752         TOH         51906         \$5         \$0           5753         TOU         51907         \$5         \$0           5755         TOU         51908         \$5         \$0           5755         TOL         51909         \$5         \$0           5756         TOC         51910         \$5         \$0           5758         TOO         51914         \$5         \$0           5758         TOO         51914         \$5         \$0           5758         TOO         51914         \$5         \$0           5756         TOU         51914         \$5         \$0           5756         TOU         51914         \$5         \$0           5764         TOU         51916         \$5         \$0           5765         T</td><td>5748         TOE         51902         \$5         \$0           5779         TOF         51903         \$5         \$0           5750         TOF         51903         \$5         \$0           5751         TOH         51905         \$5         \$0           5751         TOH         51905         \$5         \$0           5752         TOU         51906         \$5         \$0           5753         TOU         51906         \$5         \$0           5755         TOU         51908         \$5         \$0           5755         TOU         51910         \$5         \$0           5756         TOC         51911         \$5         \$0           5758         TOO         51914         \$5         \$0           5756         TOO         51914         \$5         \$0           5758         TOO         51914         \$5         \$0           5756         TOO         51914         \$5         \$0           5756         TOU         51916         \$5         \$0           5761         TOU         51916         \$5         \$0           5763         T</td><td>5748         TOE         51902         \$5         \$0           5770         TOF         51903         \$5         \$0           5750         TOF         51903         \$5         \$0           5751         TOH         51905         \$5         \$0           5751         TOH         51906         \$5         \$0           5752         TOH         51906         \$5         \$0           5753         TOU         51906         \$5         \$0           5755         TOU         51908         \$5         \$0           5755         TOL         51910         \$5         \$0           5755         TOC         51913         \$5         \$0           5758         TOO         51914         \$5         \$0           5758         TOO         51913         \$5         \$0           5758         TOO         51914         \$5         \$0           5758         TOO         51914         \$5         \$0           5758         TOO         51916         \$5         \$0           5758         TOU         51916         \$5         \$0           5760         T</td><td>5748         TOE         51902         \$5         \$0           5749         TOF         51903         \$5         \$0           5750         TOF         51904         \$5         \$0           5750         TOH         51905         \$5         \$0           5751         TOH         51906         \$5         \$0           5752         TOU         51906         \$5         \$0           5753         TOU         51906         \$5         \$0           5753         TOU         51908         \$5         \$0           5755         TOL         51910         \$5         \$0           5756         TOO         51911         \$5         \$0           5758         TOO         51914         \$5         \$0           5759         TOO         51914         \$5         \$0           5756         TOU         51916         \$5         \$0           5756         TOU         51916         \$5         \$0           5761         TOU         51916         \$5         \$0           5761         TOU         51916         \$5         \$0           5761         T</td><td>5748         TOE         51902         \$5         \$5           5779         TOF         51903         \$5         \$5           5750         TOF         51903         \$5         \$5           5751         TOH         51905         \$5         \$5           5751         TOH         51905         \$5         \$5           5752         TOU         51906         \$5         \$5           5753         TOU         51906         \$5         \$5           5755         TOU         51908         \$5         \$5           5755         TOU         51910         \$5         \$5           5756         TOO         51911         \$5         \$5           5758         TOO         51914         \$5         \$5           5758         TOO         51916         \$5         \$5           5758         TOU         51916         \$5         \$5           5761         T</td><td>5748         TOE         51902         \$5         \$0           5749         TOF         51903         \$5         \$0           5750         TOF         51903         \$5         \$0           5751         TOH         51905         \$5         \$0           5751         TOH         51906         \$5         \$0           5753         TOJ         51906         \$5         \$0           5754         TOJ         51906         \$5         \$0           5753         TOJ         51906         \$5         \$0           5754         TOJ         51916         \$5         \$0           5755         TOO         51916         \$5         \$0           5756         TOO         51916         \$5         \$0           5758         TOO         51916         \$5         \$0           5760         TOO         51916         \$5         \$0           5761         TON         51916         \$5         \$0           5763         TOO         51916         \$5         \$0           5760         TON         51916         \$5         \$0           5761         T</td></td></t<>   | se 5748         TOE         51902         \$5         \$0           se 5750         TOF         51903         \$5         \$0           se 5751         TOH         51903         \$5         \$0           se 5750         TOH         51905         \$5         \$0           se 5751         TOH         51905         \$5         \$0           se 5753         TOU         51906         \$5         \$0           se 5753         TOU         51906         \$5         \$0           se 5753         TOU         51906         \$5         \$0           se 5753         TOU         51908         \$5         \$0           se 5753         TOU         51909         \$5         \$0           se 5753         TOU         51910         \$5         \$0           se 5753         TOU         51910         \$5         \$0           se 5756         TOO         51910         \$5         \$0           se 5760         TOO         51914         \$5         \$0           se 5760         TOU         51916         \$5         \$0           se 5760         TOU         51916         \$5         \$0 </td <td>e 5748         TOE         51902         \$5         \$0           e 5749         TOF         51903         \$5         \$0           e 5750         TOH         51903         \$5         \$0           e 5751         TOH         51905         \$5         \$0           e 5752         TOH         51906         \$5         \$0           e 5753         TOU         51906         \$5         \$0           e 5753         TOU         51906         \$5       
 \$0           e 5753         TOL         51908         \$5         \$0           e 5755         TOL         51910         \$5         \$0           e 5755         TOC         51913         \$5         \$0           e 5759         TOO         51914         \$5         \$0           e 5759         TOO         51914         \$5         \$0           e 5760         TOO         51914         \$5         \$0           e 5763         TOO         51914         \$5         \$0           e 5763         TOU         51916         \$5         \$0           e 5764         TOU         51916         \$5         \$0</td> <td>5748         TOE         51902         \$5         \$0           57749         TOF         51903         \$5         \$0           5750         TOF         51903         \$5         \$0           5751         TOH         51905         \$5         \$0           5752         TOH         51906         \$5         \$0           5753         TOH         51906         \$5         \$0           5753         TOU         51906         \$5         \$0           5753         TOU         51907         \$5         \$0           5755         TOL         51908         \$5         \$0           5756         TOC         51910         \$5         \$0           5756         TOO         51911         \$5         \$0           5758         TOO         51913         \$5         \$0           5756         TOO         51913         \$5         \$0           5756         TOU         51916         \$5         \$0           5761         TOU         51916         \$5         \$0           5763         TOU         51916         \$5         \$0      5764         TPO</td> <td>5748         TOE         51902         \$5         \$0           5774         TOF         51903         \$5         \$0           5750         TOF         51903         \$5         \$0           5751         TOH         51905         \$5         \$0           5751         TOH         51906         \$5         \$0           5752         TOH         51906         \$5         \$0           5753         TOU         51907         \$5         \$0           5755         TOU         51908         \$5         \$0           5755         TOL         51909         \$5         \$0           5756         TOC         51910         \$5         \$0           5758         TOO         51914         \$5         \$0           5758         TOO         51914         \$5         \$0           5758         TOO         51914         \$5         \$0           5756         TOU         51914         \$5         \$0           5756         TOU         51914         \$5         \$0           5764         TOU         51916         \$5         \$0           5765         T</td> <td>5748         TOE         51902         \$5         \$0           5779         TOF         51903         \$5         \$0           5750         TOF         51903         \$5         \$0           5751         TOH         51905         \$5         \$0           5751         TOH         51905         \$5         \$0           5752         TOU         51906         \$5         \$0           5753         TOU         51906         \$5         \$0           5755         TOU         51908         \$5         \$0           5755         TOU         51910         \$5         \$0           5756         TOC         51911         \$5         \$0           5758         TOO         51914         \$5         \$0           5756         TOO         51914         \$5         \$0           5758         TOO         51914         \$5         \$0           5756         TOO         51914         \$5         \$0           5756         TOU         51916         \$5         \$0           5761         TOU         51916         \$5         \$0           5763         T</td> <td>5748         TOE         51902         \$5         \$0           5770         TOF         51903         \$5         \$0           5750         TOF         51903         \$5         \$0           5751         TOH         51905         \$5         \$0           5751         TOH         51906         \$5         \$0           5752         TOH         51906         \$5         \$0           5753         TOU         51906         \$5         \$0           5755         TOU         51908         \$5         \$0           5755         TOL         51910         \$5         \$0           5755         TOC         51913         \$5         \$0           5758         TOO         51914         \$5         \$0           5758         TOO         51913         \$5         \$0           5758         TOO         51914         \$5         \$0           5758         TOO         51914         \$5         \$0           5758         TOO         51916         \$5         \$0           5758         TOU         51916         \$5         \$0           5760         T</td> <td>5748         TOE         51902         \$5         \$0           5749         TOF         51903         \$5         \$0           5750         TOF         51904         \$5         \$0           5750         TOH         51905         \$5         \$0           5751         TOH         51906         \$5         \$0           5752         TOU         51906         \$5         \$0           5753         TOU         51906         \$5         \$0           5753         TOU         51908         \$5         \$0           5755         TOL         51910         \$5         \$0           5756         TOO         51911         \$5         \$0           5758         TOO         51914         \$5         \$0           5759         TOO         51914         \$5         \$0           5756         TOU         51916         \$5         \$0           5756         TOU         51916         \$5         \$0           5761         TOU         51916         \$5         \$0           5761         TOU         51916         \$5         \$0           5761         T</td> <td>5748         TOE         51902         \$5         \$5           5779         TOF         51903         \$5         \$5           5750         TOF         51903         \$5         \$5           5751         TOH         51905         \$5         \$5           5751         TOH         51905         \$5         \$5           5752         TOU         51906         \$5         \$5           5753         TOU         51906         \$5         \$5           5755         TOU         51908         \$5         \$5           5755         TOU         51910         \$5         \$5           5756         TOO         51911         \$5         \$5           5758         TOO         51914         \$5         \$5           5758         TOO         51916         \$5         \$5           5758         TOU         51916         \$5         \$5           5761         T</td> <td>5748         TOE         51902         \$5         \$0           5749         TOF         51903         \$5         \$0           5750         TOF         51903         \$5         \$0           5751         TOH         51905         \$5         \$0           5751         TOH         51906         \$5         \$0           5753         TOJ         51906         \$5         \$0           5754         TOJ         51906         \$5         \$0           5753         TOJ         51906         \$5         \$0           5754         TOJ         51916         \$5         \$0           5755         TOO         51916         \$5         \$0           5756         TOO         51916         \$5         \$0           5758         TOO         51916         \$5         \$0           5760         TOO         51916         \$5         \$0           5761         TON         51916         \$5         \$0           5763         TOO         51916         \$5         \$0           5760         TON         51916         \$5         \$0           5761         T</td>  | e 5748         TOE         51902         \$5         \$0           e 5749         TOF         51903         \$5         \$0           e 5750         TOH         51903         \$5         \$0           e 5751         TOH         51905         \$5         \$0           e 5752         TOH         51906         \$5         \$0           e 5753         TOU         51906         \$5         \$0           e 5753         TOU         51906         \$5         \$0           e 5753         TOL         51908         \$5         \$0           e 5755         TOL         51910         \$5         \$0           e 5755         TOC         51913         \$5         \$0           e 5759         TOO         51914         \$5         \$0           e 5759         TOO         51914         \$5         \$0           e 5760         TOO         51914         \$5         \$0           e 5763         TOO         51914         \$5         \$0           e 5763         TOU         51916         \$5         \$0           e 5764         TOU         51916         \$5         \$0   
  | 5748         TOE         51902         \$5         \$0           57749         TOF         51903         \$5         \$0           5750         TOF         51903         \$5         \$0           5751         TOH         51905         \$5         \$0           5752         TOH         51906         \$5         \$0           5753         TOH         51906         \$5         \$0           5753         TOU         51906         \$5         \$0           5753         TOU         51907         \$5         \$0           5755         TOL         51908         \$5         \$0           5756         TOC         51910         \$5         \$0           5756         TOO         51911         \$5         \$0           5758         TOO         51913         \$5         \$0           5756         TOO         51913         \$5         \$0           5756         TOU         51916         \$5         \$0           5761         TOU         51916         \$5         \$0           5763         TOU         51916         \$5         \$0      5764         TPO   
   | 5748         TOE         51902         \$5         \$0           5774         TOF         51903         \$5         \$0           5750         TOF         51903         \$5         \$0           5751         TOH         51905         \$5         \$0           5751         TOH         51906         \$5         \$0           5752         TOH         51906         \$5         \$0           5753         TOU         51907         \$5         \$0           5755         TOU         51908         \$5         \$0           5755         TOL         51909         \$5         \$0           5756         TOC         51910         \$5         \$0           5758         TOO         51914         \$5         \$0           5758         TOO         51914         \$5         \$0           5758         TOO         51914         \$5         \$0           5756         TOU         51914         \$5         \$0           5756         TOU         51914         \$5         \$0           5764         TOU         51916         \$5         \$0           5765         T  
   | 5748         TOE         51902         \$5         \$0           5779         TOF         51903         \$5         \$0           5750         TOF         51903         \$5         \$0           5751         TOH         51905         \$5         \$0           5751         TOH         51905         \$5         \$0           5752         TOU         51906         \$5         \$0           5753         TOU         51906         \$5         \$0           5755         TOU         51908         \$5         \$0           5755         TOU         51910         \$5         \$0           5756         TOC         51911         \$5         \$0           5758         TOO         51914         \$5         \$0           5756         TOO         51914         \$5         \$0           5758         TOO         51914         \$5         \$0           5756         TOO         51914         \$5         \$0           5756         TOU         51916         \$5         \$0           5761         TOU         51916         \$5         \$0           5763         T   | 5748         TOE         51902         \$5         \$0           5770         TOF         51903         \$5         \$0           5750         TOF         51903         \$5         \$0           5751         TOH         51905         \$5         \$0           5751         TOH         51906         \$5         \$0           5752         TOH         51906         \$5         \$0           5753         TOU         51906         \$5         \$0           5755         TOU         51908         \$5         \$0           5755         TOL         51910         \$5         \$0           5755         TOC         51913         \$5         \$0           5758         TOO         51914         \$5         \$0           5758         TOO         51913         \$5         \$0           5758         TOO         51914         \$5         \$0           5758         TOO         51914         \$5         \$0           5758         TOO         51916         \$5         \$0           5758         TOU         51916         \$5         \$0           5760         T   
  | 5748         TOE         51902         \$5         \$0           5749         TOF         51903         \$5         \$0           5750         TOF         51904         \$5         \$0           5750         TOH         51905         \$5         \$0           5751         TOH         51906         \$5         \$0           5752         TOU         51906         \$5         \$0           5753         TOU         51906         \$5         \$0           5753         TOU         51908         \$5         \$0           5755         TOL         51910         \$5         \$0           5756         TOO         51911         \$5         \$0           5758         TOO         51914         \$5         \$0           5759         TOO         51914         \$5         \$0           5756         TOU         51916         \$5         \$0           5756         TOU         51916         \$5         \$0           5761         TOU         51916         \$5         \$0           5761         TOU         51916         \$5         \$0           5761         T  | 5748         TOE         51902         \$5         \$5           5779         TOF         51903         \$5         \$5           5750         TOF         51903         \$5         \$5           5751         TOH         51905         \$5         \$5           5751         TOH         51905         \$5         \$5           5752         TOU         51906         \$5         \$5           5753         TOU         51906         \$5         \$5           5755         TOU         51908         \$5         \$5           5755         TOU         51910         \$5         \$5           5756         TOO         51911         \$5         \$5           5758         TOO         51914         \$5         \$5           5758         TOO         51916         \$5         \$5           5758         TOU         51916         \$5         \$5           5761         T  | 5748         TOE         51902         \$5         \$0           5749         TOF         51903         \$5         \$0           5750         TOF         51903         \$5         \$0           5751         TOH         51905         \$5         \$0           5751         TOH         51906         \$5         \$0           5753         TOJ         51906         \$5         \$0           5754         TOJ         51906         \$5         \$0           5753         TOJ         51906         \$5         \$0           5754         TOJ         51916         \$5         \$0           5755         TOO         51916         \$5         \$0           5756         TOO         51916         \$5         \$0           5758         TOO         51916         \$5         \$0           5760         TOO         51916         \$5         \$0           5761         TON         51916         \$5         \$0           5763         TOO         51916         \$5         \$0           5760         TON         51916         \$5         \$0           5761         T  |
|   | ns - Hse 5749 TOF 51903 \$5 \$0   | is - Hse 5749         TOF         51903         \$5         \$0           is - Hse 5750         TOG         51904         \$5         \$0   | s - Hse 57249 TOF 51903 \$5 \$0<br>s - Hse 5750 TOG 51904 \$5 \$0<br>s - Hse 5751 TOH 51905 \$5 \$0  | -Hse 5749         TOF         51903         \$5         \$0           -Hse 5750         TOG         51904         \$5         \$0           -Hse 5751         TOH         51905         \$5         \$0           -Hse 5752         TOI         51906         \$5         \$0   
   
  | Hse 5749         TOF         51903         \$5         \$0           Hse 5750         TOG         51904         \$5         \$0           Hse 5751         TOH         51905         \$5         \$0           Hse 5752         TOI         51906         \$5         \$0           Hse 5752         TOI         51906         \$5         \$0           Hse 5753         TOI         51906         \$5         \$0  
   
   
  | Hse 5749         TOF         51903         \$5         \$0           Hse 5750         TOG         51904         \$5         \$0           Hse 5751         TOH         51905         \$5         \$0           Hse 5752         TOI         51906         \$5         \$0           Hse 5753         TOI         51906         \$5         \$0           Hse 5753         TOI         51906         \$5         \$0           Hse 5753         TOI         51906         \$5         \$0           Hse 5754         TOI         51906         \$5         \$0  
   
  | -Hse 5749         TOF         51903         \$5         \$0           -Hse 5750         TOG         51904         \$5         \$0           -Hse 5751         TOH         51905         \$5         \$0           Hse 5752         TOH         51905         \$5         \$0           Hse 5752         TOI         51906         \$5         \$0           Hse 5753         TOI         51906         \$5         \$0           Hse 5753         TOI         51906         \$5         \$0           Hse 5753         TOI         51907         \$5         \$0           Hse 5754         TOI         51909         \$5         \$0           Hse 5755         TOI         51909         \$5         \$0   | Hee 5749         TOF         51903         \$5         \$0           Hse 5750         TOG         51904         \$5         \$0           Hse 5751         TOH         51905         \$5         \$0           Hse 5752         TOH         51905         \$5         \$0           Hse 5752         TOI         51906         \$5         \$0           Hse 5753         TOI         51906         \$5         \$0           Hse 5753         TOJ         51907         \$5         \$0           Hse 5753         TOJ         51907         \$5         \$0           Hse 5755         TOJ         51908         \$5         \$0           Hse 5756         TOO         51910         \$5         \$0   
   
  | - Hee 5749         TOF         51903         \$5         \$0           Hee 5750         TOG         51904         \$5         \$0           Hse 5751         TOH         51905         \$5         \$0           Hse 5752         TOH         51906         \$5         \$0           Hse 5752         TOI         51906         \$5         \$0           Hse 5753         TOI         51906         \$5         \$0           Hse 5753         TOI         51907         \$5         \$0           Hse 5754         TOI         51908         \$5         \$0           Hse 5755         TOL         51908         \$5         \$0           Hse 5756         TOL         51909         \$5         \$0           Hse 5757         TOO         51910         \$5         \$0           Hse 5758         TOO         51911         \$5         \$0  
   | -Hse 5749         TOF         51903         \$5         \$0           -Hse 5750         TOG         51904         \$5         \$0           -Hse 5751         TOH         51905         \$5         \$0           -Hse 5752         TOI         51905     
   \$5         \$0           -Hse 5752         TOI         51906         \$5         \$0           -Hse 5753         TOI         51906         \$5         \$0           -Hse 5753         TOI         51906         \$5         \$0           -Hse 5753         TOU         51908         \$5         \$0           -Hse 5755         TOL         51909         \$5         \$0           -Hse 5756         TOO         51910         \$5         \$0           -Hse 5756         TOO         51911         \$5         \$0           -Hse 5758         TOO         51911         \$5         \$0           -Hse 5759         TOO         51913         \$5         \$0   
   | -Hse 5749         TOF         51903         \$5         \$0           -Hse 5750         TOG         51904         \$5         \$0           -Hse 5751         TOH         51905         \$5         \$0           -Hse 5752         TOI         51906         \$5         \$0           -Hse 5752         TOI         51906         \$5         \$0           -Hse 5752         TOI         51906         \$5         \$0           -Hse 5753         TOU         51906         \$5         \$0           -Hse 5754         TOU         51906         \$5         \$0           -Hse 5755         TOL         51908         \$5         \$0           -Hse 5756         TOD         51910         \$5         \$0           -Hse 5756         TOD         51911         \$5         \$0           -Hse 5758         TOO         51911         \$5         \$0           -Hse 5758         TOQ         51912         \$5         \$0           -Hse 5758         TOQ         51913         \$5         \$0   
   
   | Hse 5749         TOF         51903         \$5         \$0           Hse 5750         TOG         51904         \$5         \$0           Hse 5751         TOH         51905         \$5         \$0           Hse 5752         TOH         51905         \$5         \$0           Hse 5753         TOI         51906         \$5         \$0           Hse 5753         TOI         51906         \$5         \$0           Hse 5753         TOI         51907         \$5         \$0           Hse 5753         TOU         51907         \$5         \$0           Hse 5753         TOU         51907         \$5         \$0           Hse 5755         TOU         51903         \$5         \$0           Hse 5755         TOO         51913         \$5         \$0           Hse 5756         TOO         51913         \$5         \$0           Hse 5758         TOQ         51913         \$5         \$0           Hse 5758         TOQ         51913         \$5         \$0           Hse 5758         TOQ         51913         \$5         \$0           Hse 5759         TOQ         51913         \$5 <t< td=""><td>Hse 5749         TOF         51903         \$5         \$0           Hse 5750         TOG         51904         \$5         \$0           Hse 5751         TOH         51905         \$5         \$0           Hse 5752         TOH         51906         \$5         \$0           Hse 5752         TOI         51906         \$5         \$0           Hse 5753         TOI         51906         \$5         \$0           Hse 5754         TOI         51907         \$5         \$0           Hse 5755         TOL         51908         \$5         \$0           Hse 5756         TOL         51909         \$5         \$0           Hse 5756         TOO         51910         \$5         \$0           Hse 5758         TOO         51911         \$5         \$0           Hse 5759         TOQ         51913         \$5         \$0           Hse 5750         TOR         51913         \$5         \$0           Hse 5750         TOS         51914         \$5         \$0           Hse 5750         TOS         51914         \$5         \$0           Hse 5750         TOS         51914         \$5         <t< td=""><td>Hse 5749         TOF         51903         \$5         \$0           Hse 5750         TOG         51904         \$5         \$0           Hse 5751         TOH         51905         \$5         \$0           Hse 5752         TOI         51906         \$5         \$0           Hse 5753         TOI         51906         \$5         \$0           Hse 5754         TOI         51906         \$5         \$0           Hse 5754         TOI         51907         \$5         \$0           Hse 5755         TOO         51910         \$5         \$0           Hse 5756         TOO         51910         \$5         \$0           Hse 5756         TOO         51911         \$5         \$0           Hse 5756         TOO         51911         \$5         \$0           Hse 5758         TOO         51911         \$5         \$0           Hse 5759         TOO         51911         \$5         \$0           Hse 5750         TOV         51914         \$5         \$0           Hse 5760         TOV         51914         \$5         \$0           Hse 5761         TOV         51916         \$5         <t< td=""><td>Hse 5749         TOF         51903         \$5         \$0           Hse 5750         TOG         51904         \$5         \$0           Hse 5751         TOH         51905         \$5         \$0           Hse 5752         TOI         51905         \$5         \$0           Hse 5752         TOI         51906         \$5         \$0           Hse 5752         TOJ         51906         \$5         \$0           Hse 5754         TOJ         51907         \$5         \$0           Hse 5755         TOJ         51908         \$5         \$0           Hse 5756         TOV         51908         \$5         \$0           Hse 5756         TOV         51919         \$5         \$0           Hse 5758         TOO         51911         \$5         \$0           Hse 5758         TOQ         51912         \$5         \$0           Hse 5750         TOR         51913         \$5         \$0           Hse 5750         TON         51914         \$5         \$0           Hse 5750         TON         51916         \$5         \$0           Hse 5760         TON         51916         \$5         <t< td=""><td>Hse 5749         TOF         51903         \$5         \$0           Hse 5750         TOG         51904         \$5         \$0           Hse 5751         TOH         51905         \$5         \$0           Hse 5752         TOI         51906         \$5         \$0           Hse 5753         TOI         51906         \$5         \$0           Hse 5753         TOI         51906         \$5         \$0           Hse 5753         TOU         51908         \$5         \$0           Hse 5754         TOL         51909         \$5         \$0           Hse 5755         TOC         51910         \$5         \$0           Hse 5756         TOO         51919         \$5         \$0           Hse 5757         TOO         51914         \$5         \$0           Hse 5763         TOO         51914         \$5         \$0           Hse 5763         TON         51916         \$5         <t< td=""><td>lee 5749TOF51903\$5\$0lse
5750TOG51904\$5\$0lse 5751TOH51905\$5\$0lse 5752TOI51906\$5\$0lse 5753TOU51907\$5\$0lse 5754TOU51907\$5\$0lse 5755TOU51908\$5\$0lse 5755TOU51909\$5\$0lse 5755TOU51910\$5\$0lse 5756TOO51910\$5\$0lse 5757TOP51911\$5\$0lse 5758TOO51911\$5\$0lse 5759TOO51914\$5\$0lse 5759TON51914\$5\$0lse 5761TOU51914\$5\$0lse 5762TOU51914\$5\$0lse 5763TOU51916\$5\$0lse 5763TOU51916\$5\$0lse 5764TOU51916\$5\$0lse 5765TPO51916\$5\$0lse 5766TPO51920\$5\$0lse 5767TPO51920\$5\$0lse 5767TPO51920\$5\$0lse 5767TPO51920\$5\$0lse 5767TPO51920\$5\$0lse 5767TPO51920\$5\$0lse 5767TPO51920\$5\$0lse 5767TPO519</td><td>se 5749         TOF         51903         \$55         \$0           se 5750         TOG         51904         \$55         \$0           se 5751         TOH         51905         \$55         \$0           se 5752         TOH         51905         \$55         \$0           se 5753         TOU         51906         \$55         \$0           se 5753         TOU         51907         \$55         \$0           se 5754         TOU         51907         \$55         \$0           se 5755         TOU         51910         \$55         \$0           se 5756         TOO         51911         \$55         \$0           se 5758         TOO         51913         \$55         \$0           se 5758         TOO         51914         \$55         \$0           se 5760         TOO         51913         \$55         \$0           se 5761         TOU         51914         \$55         \$0           se 5762         TOU         51916         \$55         \$0           se 5763         TOU         51916         \$55         \$0           se 5763         TOU         51916         \$55         <t< td=""><td>e 5749         TOF         51903         \$5         \$0           e 5750         TOG         51904         \$5         \$0           e 5751         TOH         51905         \$5         \$0           e 5752         TOI         51906         \$5         \$0           e 5753         TOI         51906         \$5         \$0           e 5753         TOU         51907         \$5         \$0           e 5753         TOU         51907         \$5         \$0           e 5755         TOU         51910         \$5         \$0           e 5755         TOU         51911         \$5         \$0           e 5756         TOO         51911         \$5         \$0           e 5758         TOO         51912         \$5         \$0           e 5758         TOO         51913         \$5         \$0           e 5758         TOO         51912         \$5         \$0           e 5758         TOO         51912         \$5         \$0           e 5760         TOO         51913         \$5         \$0           e 5761         TOU         51916         \$5         \$0</td><td>5749         TOF         51903         \$5         \$0           5750         TOG         51904         \$5         \$0           5751         TOH         51905         \$5         \$0           5752         TOI         51906         \$5         \$0           5753         TOI         51906         \$5         \$0           5753         TOU         51906         \$5         \$0           5754         TOU         51906         \$5         \$0           5753         TOU         51906         \$5         \$0           5756         TOU         51910         \$5         \$0           5756         TOO         51911         \$5         \$0           5759         TOO         51911         \$5         \$0           5756         TOO         51911         \$5         \$0           5756         TOO         51911         \$5         \$0           5756         TOU         51914         \$5         \$0           5760         TOV         51914         \$5         \$0           5760         TOV         51914         \$5         \$0           5761         T</td><td>5749         TOF         51903         \$5         \$0           5750         TOG         51904         \$5         \$0           5751         TOH         51905         \$5         \$0           5752         TOI         51906         \$5         \$0           5753         TOI         51906         \$5         \$0           5753         TOU         51906         \$5         \$0           5753         TOU         51906         \$5         \$0           5754         TOU         51906         \$5         \$0           5755         TOU         51910         \$5         \$0           5756         TOO         51911         \$5         \$0           5758         TOO         51911         \$5         \$0           5758         TOO         51911         \$5         \$0           5758         TOO         51911         \$5         \$0           5756         TOO         51914         \$5         \$0           5760         TOV         51916         \$5         \$0           5760         TOV         51916         \$5         \$0           5764         T</td><td>5749         TOF         51903         \$55         \$0           5750         TOG         51905         \$55         \$0           5751         TOH         51905         \$55         \$0           5752         TOI         51906         \$55         \$0           5753         TOI         51906         \$55         \$0           5755         TOJ         51906         \$55         \$0           5755         TOJ         51906         \$55         \$0           5755         TOJ         51910         \$55         \$0           5755         TOO         51911         \$55         \$0           5756         TOO         51911         \$55         \$0           5759         TOO         51911         \$55         \$0           5759         TOO         51911         \$55         \$0           5750         TOO         51911         \$55         \$0           5750         TOO         51914         \$55         \$0           5750         TOO         51916         \$55         \$0           5760         TOV         51916         \$55         \$0           5761</td></t<><td>5749         TOF         51903         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5764</td></td></t<><td>5749TOF<math>51903</math><math>55</math><math>50</math><math>5750</math>TOG<math>51904</math><math>55</math><math>50</math><math>5751</math>TOH<math>51905</math><math>55</math><math>50</math><math>5752</math>TOI<math>51906</math><math>55</math><math>50</math><math>5753</math>TOJ<math>51907</math><math>55</math><math>50</math><math>5753</math>TOJ<math>51907</math><math>55</math><math>50</math><math>5753</math>TOJ<math>51906</math><math>55</math><math>50</math><math>5754</math>TOJ<math>51902</math><math>55</math><math>50</math><math>5755</math>TOJ<math>51910</math><math>51910</math><math>55</math><math>5756</math>TOO<math>51910</math><math>51910</math><math>55</math><math>5759</math>TOO<math>51911</math><math>55</math><math>50</math><math>5759</math>TOO<math>51912</math><math>55</math><math>50</math><math>5759</math>TOO<math>51912</math><math>55</math><math>50</math><math>5759</math>TOO<math>51914</math><math>55</math><math>50</math><math>5759</math>TOO<math>51914</math><math>55</math><math>50</math><math>5750</math>TOO<math>51914</math><math>55</math><math>50</math><math>5750</math>TOO<math>51914</math><math>55</math><math>50</math><math>5761</math>TOO<math>51914</math><math>55</math><math>50</math><math>5761</math>TOO<math>51914</math><math>55</math><math>50</math><math>5762</math>TOU<math>51916</math><math>55</math><math>50</math><math>5761</math>TOU<math>51916</math><math>55</math><math>50</math><math>5762</math>TPMTPM<math>51916</math><math>55</math><math>5763</math>TPM<math>51916</math><math>55</math><math>50</math><math>5764</math>TPM<math>51924</math><math>55</math><math>50</math><math>5764</math>TPM<math>51924</math><math>55</math><math>50</math><math>5774</math>TPM<math>51924</math><math>55</math><math>50</math><tr<< 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       5754         TOJ         51907         \$55         \$0           5755         TOJ         51907         \$55         \$0           5756         TOO         51910         \$55         \$0           5755         TOO         51910         \$55         \$0           5756         TOO         51910         \$55         \$0           5758         TOO         51913         \$55         \$0           5760         TOO         51913         \$55         \$0           5761         TOO         51913         \$55         \$0           5763         TOO         51913         \$55         \$0           5763         TOO         51913         \$55         \$0           5764         TOO         51914         \$55         \$0           5764</td></tr<<></td></td></t<></td></t<></td></t<></td></t<> | Hse 5749         TOF         51903         \$5         \$0           Hse 5750         TOG         51904         \$5         \$0           Hse 5751         TOH         51905         \$5         \$0           Hse 5752         TOH         51906         \$5         \$0           Hse 5752         TOI         51906         \$5         \$0           Hse 5753         TOI         51906         \$5         \$0           Hse 5754         TOI         51907         \$5         \$0           Hse 5755         TOL         51908         \$5         \$0           Hse 5756         TOL         51909         \$5         \$0           Hse 5756         TOO         51910         \$5         \$0           Hse 5758         TOO         51911         \$5         \$0           Hse 5759         TOQ         51913         \$5         \$0           Hse 5750         TOR         51913         \$5         \$0           Hse 5750         TOS         51914         \$5         \$0           Hse 5750         TOS         51914         \$5         \$0           Hse 5750         TOS         51914         \$5 <t< td=""><td>Hse 5749         TOF         51903         \$5         \$0           Hse 5750         TOG         51904      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\$55         \$0           se 5754         TOU         51907         \$55         \$0           se 5755         TOU         51910         \$55         \$0           se 5756         TOO         51911         \$55         \$0           se 5758         TOO         51913         \$55         \$0           se 5758         TOO         51914         \$55         \$0           se 5760         TOO         51913         \$55         \$0           se 5761         TOU         51914         \$55         \$0           se 5762         TOU         51916         \$55         \$0           se 5763         TOU         51916         \$55         \$0           se 5763         TOU         51916         \$55         <t< td=""><td>e 5749         TOF         51903         \$5         \$0           e 5750         TOG         51904         \$5         \$0           e 5751         TOH         51905         \$5         \$0           e 5752         TOI         51906         \$5         \$0           e 5753         TOI         51906         \$5         \$0           e 5753         TOU         51907         \$5         \$0           e 5753         TOU         51907         \$5         \$0           e 5755         TOU         51910         \$5         \$0           e 5755         TOU         51911         \$5         \$0           e 5756         TOO         51911         \$5         \$0           e 5758         TOO         51912         \$5         \$0           e 5758         TOO         51913         \$5         \$0           e 5758         TOO         51912         \$5         \$0           e 5758         TOO         51912         \$5         \$0           e 5760         TOO         51913         \$5         \$0           e 5761         TOU         51916         \$5         \$0</td><td>5749         TOF         51903         \$5         \$0           5750         TOG         51904         \$5         \$0           5751         TOH         51905         \$5         \$0           5752         TOI   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   51905         \$5         \$0           5752         TOI         51906         \$5         \$0           5753         TOI         51906         \$5         \$0           5753         TOU         51906         \$5         \$0           5753         TOU         51906         \$5         \$0           5754         TOU         51906         \$5         \$0           5755         TOU         51910         \$5         \$0           5756         TOO         51911         \$5         \$0           5758         TOO         51911         \$5         \$0           5758         TOO         51911         \$5         \$0           5758         TOO         51911         \$5         \$0           5756         TOO         51914         \$5         \$0           5760         TOV         51916         \$5         \$0           5760         TOV         51916         \$5         \$0           5764         T</td><td>5749         TOF         51903         \$55         \$0           5750         TOG  
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   TOF         51903         \$5         \$0           Hse 5750         TOG         51904         \$5         \$0           Hse 5751         TOH         51905         \$5         \$0           Hse 5752         TOI         51906         \$5         \$0           Hse 5753         TOI         51906         \$5         \$0           Hse 5754         TOI         51906         \$5         \$0           Hse 5754         TOI         51907         \$5         \$0           Hse 5755         TOO         51910         \$5         \$0           Hse 5756         TOO         51910         \$5         \$0           Hse 5756         TOO         51911         \$5         \$0           Hse 5756         TOO         51911         \$5         \$0           Hse 5758         TOO         51911         \$5         \$0           Hse 5759         TOO         51911         \$5         \$0           Hse 5750         TOV         51914         \$5         \$0           Hse 5760         TOV         51914         \$5   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   51906         \$55         \$0           se 5753         TOU         51907         \$55         \$0           se 5754         TOU         51907         \$55         \$0  
        se 5755         TOU         51910         \$55         \$0           se 5756         TOO         51911         \$55         \$0           se 5758         TOO         51913         \$55         \$0           se 5758         TOO         51914         \$55         \$0           se 5760         TOO         51913         \$55         \$0           se 5761         TOU         51914         \$55         \$0           se 5762         TOU         51916         \$55         \$0           se 5763         TOU         51916         \$55         \$0           se 5763         TOU         51916         \$55         <t< td=""><td>e 5749         TOF         51903         \$5         \$0           e 5750         TOG         51904         \$5         \$0           e 5751         TOH         51905         \$5         \$0           e 5752         TOI         51906         \$5         \$0           e 5753         TOI         51906         \$5         \$0           e 5753         TOU         51907     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        \$0           5753         TOU         51906         \$5         \$0           5754         TOU         51906         \$5         \$0           5753         TOU         51906         \$5         \$0           5756         TOU         51910         \$5         \$0           5756         TOO         51911         \$5         \$0           5759         TOO         51911         \$5         \$0           5756         TOO         51911         \$5         \$0           5756         TOO         51911         \$5         \$0           5756         TOU         51914         \$5         \$0           5760         TOV         51914         \$5         \$0           5760         TOV         51914         \$5         \$0           5761         T</td><td>5749         TOF         51903         \$5         \$0           5750         TOG         51904         \$5         \$0           5751         TOH         51905         \$5         \$0           5752         TOI         51906         \$5         \$0           5753         TOI         51906         \$5         \$0           5753         TOU         51906         \$5         \$0           5753         TOU         51906         \$5         \$0           5754         TOU         51906         \$5         \$0           5755         TOU         51910         \$5         \$0           5756         TOO         51911         \$5         \$0           5758         TOO         51911         \$5         \$0           5758         TOO         51911         \$5         \$0           5758         TOO         51911         \$5         \$0           5756         TOO         51914         \$5         \$0           5760         TOV         51916         \$5         \$0           5760         TOV         51916         \$5         \$0           5764         T</td><td>5749         TOF         51903         \$55         \$0           5750         TOG         51905         \$55         \$0           5751         TOH         51905         \$55         \$0           5752         TOI         51906         \$55         \$0           5753         TOI         51906         \$55         \$0           5755         TOJ         51906         \$55         \$0           5755         TOJ         51906         \$55         \$0           5755         TOJ         51910         \$55         \$0           5755         TOO         51911         \$55         \$0           5756         TOO         51911         \$55         \$0           5759         TOO         51911         \$55         \$0           5759         TOO         51911         \$55         \$0           5750         TOO         51911         \$55         \$0           5750         TOO         51914         \$55         \$0           5750         TOO         51916         \$55         \$0           5760         TOV         51916         \$55         \$0           5761</td></t<><td>5749         TOF         51903         \$55         \$0           5750         TOG         51905         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5764</td></td></t<><td>5749TOF<math>51903</math><math>55</math><math>50</math><math>5750</math>TOG<math>51904</math><math>55</math><math>50</math><math>5751</math>TOH<math>51905</math><math>55</math><math>50</math><math>5752</math>TOI<math>51906</math><math>55</math><math>50</math><math>5753</math>TOJ<math>51907</math><math>55</math><math>50</math><math>5753</math>TOJ<math>51907</math><math>55</math><math>50</math><math>5753</math>TOJ<math>51906</math><math>55</math><math>50</math><math>5754</math>TOJ<math>51902</math><math>55</math><math>50</math><math>5755</math>TOJ<math>51910</math><math>51910</math><math>55</math><math>5756</math>TOO<math>51910</math><math>51910</math><math>55</math><math>5759</math>TOO<math>51911</math><math>55</math><math>50</math><math>5759</math>TOO<math>51912</math><math>55</math><math>50</math><math>5759</math>TOO<math>51912</math><math>55</math><math>50</math><math>5759</math>TOO<math>51914</math><math>55</math><math>50</math><math>5759</math>TOO<math>51914</math><math>55</math><math>50</math><math>5750</math>TOO<math>51914</math><math>55</math><math>50</math><math>5750</math>TOO<math>51914</math><math>55</math><math>50</math><math>5761</math>TOO<math>51914</math><math>55</math><math>50</math><math>5761</math>TOO<math>51914</math><math>55</math><math>50</math><math>5762</math>TOU<math>51916</math><math>55</math><math>50</math><math>5761</math>TOU<math>51916</math><math>55</math><math>50</math><math>5762</math>TPMTPM<math>51916</math><math>55</math><math>5763</math>TPM<math>51916</math><math>55</math><math>50</math><math>5764</math>TPM<math>51924</math><math>55</math><math>50</math><math>5764</math>TPM<math>51924</math><math>55</math><math>50</math><math>5774</math>TPM<math>51924</math><math>55</math><math>50</math><tr<< 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         5751         TOH         51905         \$55         \$0           5752         TOI         51906         \$55         \$0           5753         TOJ         51907         \$55         \$0           5754         TOJ         51907         \$55         \$0           5755         TOJ         51907         \$55         \$0           5756         TOO         51910         \$55         \$0           5755         TOO         51910         \$55         \$0           5756         TOO         51910         \$55         \$0           5758         TOO         51913         \$55         \$0           5760         TOO         51913         \$55         \$0           5761         TOO         51913         \$55         \$0           5763         TOO         51913         \$55         \$0           5763         TOO         51913         \$55         \$0           5764         TOO         51914         \$55         \$0           5764</td></tr<<></td></td></t<></td></t<>   
   | Hse 5749         TOF         51903         \$5         \$0           Hse 5750         TOG         51904         \$5         \$0           Hse 5751         TOH         51905         \$5         \$0           Hse 5752         TOI         51905         \$5         \$0           Hse 5752         TOI         51906         \$5         \$0           Hse 5752         TOJ         51906         \$5         \$0           Hse 5754         TOJ         51907         \$5         \$0           Hse 5755         TOJ         51908         \$5         \$0           Hse 5756         TOV         51908         \$5         \$0           Hse 5756         TOV         51919         \$5         \$0           Hse 5758         TOO         51911         \$5         \$0           Hse 5758         TOQ         51912         \$5         \$0           Hse 5750         TOR         51913         \$5         \$0           Hse 5750         TON         51914         \$5         \$0           Hse 5750         TON         51916         \$5         \$0           Hse 5760         TON         51916         \$5 <t< td=""><td>Hse 5749         TOF         51903         \$5         \$0           Hse 5750         TOG         51904         \$5         \$0           Hse 5751         TOH         51905         \$5         \$0           Hse 5752         TOI         51906         \$5         \$0           Hse 5753         TOI         51906         \$5         \$0           Hse 5753         TOI         51906         \$5         \$0           Hse 5753         TOU         51908         \$5         \$0           Hse 5754         TOL         51909         \$5         \$0           Hse 5755         TOC         51910         \$5         \$0           Hse 5756         TOO         51919         \$5         \$0           Hse 5757         TOO         51914         \$5         \$0           Hse 5763         TOO         51914         \$5         \$0           Hse 5763         TON         51916         \$5         <t< 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51907         \$55         \$0           se 5754         TOU         51907         \$55         \$0           se 5755         TOU         51910         \$55         \$0           se 5756         TOO         51911         \$55         \$0           se 5758         TOO         51913         \$55         \$0           se 5758         TOO         51914         \$55         \$0           se 5760         TOO         51913         \$55         \$0           se 5761         TOU         51914         \$55         \$0           se 5762         TOU         51916         \$55         \$0           se 5763         TOU         51916         \$55         \$0           se 5763         TOU         51916         \$55         <t< td=""><td>e 5749         TOF         51903         \$5         \$0           e 5750         TOG         51904         \$5         \$0           e 5751         TOH         51905         \$5         \$0           e 5752         TOI         51906         \$5         \$0           e 5753         TOI         51906         \$5         \$0           e 5753         TOU         51907         \$5         \$0           e 5753         TOU         51907         \$5         \$0           e 5755         TOU         51910         \$5         \$0           e 5755         TOU         51911         \$5         \$0           e 5756         TOO         51911         \$5         \$0           e 5758         TOO         51912         \$5         \$0           e 5758         TOO         51913         \$5         \$0           e 5758         TOO         51912         \$5         \$0           e 5758         TOO         51912         \$5         \$0           e 5760         TOO         51913         \$5         \$0           e 5761         TOU         51916         \$5         \$0</td><td>5749         TOF         51903         \$5         \$0           5750         TOG         51904         \$5         \$0           5751         TOH         51905         \$5         \$0           5752         TOI         51906         \$5         \$0           5753         TOI         51906         \$5         \$0           5753         TOU         51906         \$5         \$0           5754         TOU         51906         \$5         \$0           5753         TOU         51906         \$5         \$0           5756         TOU         51910         \$5         \$0           5756         TOO         51911         \$5         \$0           5759         TOO         51911         \$5         \$0           5756         TOO         51911         \$5         \$0           5756         TOO         51911         \$5         \$0           5756         TOU         51914         \$5         \$0           5760         TOV         51914         \$5         \$0           5760         TOV         51914         \$5         \$0           5761         T</td><td>5749         TOF         51903         \$5         \$0           5750         TOG         51904         \$5         \$0           5751         TOH         51905         \$5         \$0           5752         TOI         51906         \$5         \$0           5753         TOI         51906         \$5         \$0           5753         TOU         51906         \$5         \$0           5753         TOU         51906         \$5         \$0           5754         TOU         51906         \$5         \$0           5755         TOU         51910         \$5         \$0           5756         TOO         51911         \$5         \$0           5758         TOO         51911         \$5         \$0           5758         TOO         51911         \$5         \$0           5758         TOO         51911         \$5         \$0           5756         TOO         51914         \$5         \$0           5760         TOV         51916         \$5         \$0           5760         TOV         51916         \$5         \$0           5764         T</td><td>5749         TOF         51903         \$55         \$0           5750         TOG         51905         \$55         \$0           5751         TOH         51905         \$55         \$0           5752         TOI         51906         \$55         \$0           5753         TOI         51906         \$55         \$0           5755         TOJ         51906         \$55         \$0           5755         TOJ         51906         \$55         \$0           5755         TOJ         51910         \$55         \$0           5755         TOO         51911         \$55         \$0           5756         TOO         51911         \$55         \$0           5759         TOO         51911         \$55         \$0           5759         TOO         51911         \$55         \$0           5750         TOO         51911         \$55         \$0           5750         TOO         51914         \$55         \$0           5750         TOO         51916         \$55         \$0           5760         TOV         51916         \$55         \$0           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51903         \$5         \$0           Hse 5750         TOG         51904         \$5         \$0           Hse 5751         TOH         51905         \$5         \$0           Hse 5752         TOI         51906         \$5         \$0           Hse 5753         TOI         51906         \$5         \$0           Hse 5753         TOI         51906         \$5         \$0           Hse 5753         TOU         51908         \$5         \$0           Hse 5754         TOL         51909         \$5         \$0           Hse 5755         TOC         51910         \$5         \$0           Hse 5756         TOO         51919         \$5         \$0           Hse 5757         TOO         51914         \$5         \$0           Hse 5763         TOO         51914         \$5         \$0           Hse 5763         TON         51916         \$5 <t< td=""><td>lee 5749TOF51903\$5\$0lse 5750TOG51904\$5\$0lse 5751TOH51905\$5\$0lse 5752TOI51906\$5\$0lse 5753TOU51907\$5\$0lse 5754TOU51907\$5\$0lse 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     \$55         \$0           se 5756         TOO         51911         \$55         \$0           se 5758         TOO         51913         \$55         \$0           se 5758         TOO         51914         \$55         \$0           se 5760         TOO         51913         \$55         \$0           se 5761         TOU         51914         \$55         \$0           se 5762         TOU         51916         \$55         \$0           se 5763         TOU         51916         \$55         \$0           se 5763         TOU         51916         \$55         <t< td=""><td>e 5749         TOF         51903         \$5         \$0           e 5750         TOG         51904         \$5         \$0           e 5751         TOH         51905         \$5         \$0           e 5752         TOI         51906         \$5         \$0           e 5753         TOI         51906         \$5         \$0           e 5753         TOU         51907         \$5         \$0           e 5753         TOU         51907         \$5         \$0           e 5755         TOU         51910         \$5         \$0           e 5755         TOU         51911         \$5         \$0           e 5756         TOO         51911         \$5         \$0           e 5758         TOO         51912         \$5         \$0           e 5758         TOO         51913         \$5         \$0           e 5758         TOO         51912         \$5         \$0           e 5758         TOO         51912         \$5         \$0           e 5760         TOO         51913         \$5         \$0           e 5761         TOU         51916         \$5         \$0</td><td>5749         TOF         51903         \$5         \$0           5750         TOG         51904         \$5         \$0           5751         TOH         51905         \$5         \$0           5752         TOI         51906         \$5         \$0           5753         TOI         51906         \$5         \$0           5753         TOU         51906         \$5         \$0           5754         TOU         51906         \$5         \$0           5753         TOU         51906         \$5         \$0           5756         TOU         51910         \$5         \$0           5756         TOO         51911         \$5         \$0           5759         TOO         51911         \$5         \$0           5756         TOO         51911         \$5         \$0           5756         TOO         51911         \$5         \$0           5756         TOU         51914         \$5         \$0           5760         TOV         51914         \$5         \$0           5760         TOV         51914         \$5         \$0           5761         T</td><td>5749         TOF         51903         \$5         \$0           5750         TOG         51904         \$5         \$0           5751         TOH         51905         \$5         \$0           5752         TOI         51906         \$5         \$0           5753         TOI         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51906         \$55         \$0           5753         TOI         51906         \$55         \$0           5755         TOJ         51906         \$55         \$0           5755         TOJ         51906         \$55        
\$0           5755         TOJ         51910         \$55         \$0           5755         TOO         51911         \$55         \$0           5756         TOO         51911         \$55         \$0           5759         TOO         51911         \$55         \$0           5759         TOO         51911         \$55         \$0           5750         TOO         51911         \$55         \$0           5750         TOO         51914         \$55         \$0           5750         TOO         51916         \$55         \$0           5760         TOV         51916         \$55         \$0           5761</td></t<><td>5749         TOF         51903         \$55         \$0           5750         TOG         51905         \$55         \$0           5751         TOH         51905         \$55         \$0           5752         TOI         51906         \$55         \$0           5753         TOJ         51906         \$55         \$0           5754         TOJ         51906         \$55         \$0           5753         TOJ         51907         \$55         \$0           5754         TOJ         51907         \$55         \$0           5755         TOO         51910         \$55         \$0           5756         TOO         51911         \$55         \$0           5759         TOO         51911         \$55         \$0           5756         TOO         51911         \$55         \$0           5756         TOO         51914         \$55         \$0           5756         TOV         51916         \$55         \$0           5760         TOV         51916         \$55         \$0           5761         TOV         51916         \$55         \$0           5764</td></td></t<> <td>5749TOF<math>51903</math><math>55</math><math>50</math><math>5750</math>TOG<math>51904</math><math>55</math><math>50</math><math>5751</math>TOH<math>51905</math><math>55</math><math>50</math><math>5752</math>TOI<math>51906</math><math>55</math><math>50</math><math>5753</math>TOJ<math>51907</math><math>55</math><math>50</math><math>5753</math>TOJ<math>51907</math><math>55</math><math>50</math><math>5753</math>TOJ<math>51906</math><math>55</math><math>50</math><math>5754</math>TOJ<math>51902</math><math>55</math><math>50</math><math>5755</math>TOJ<math>51910</math><math>51910</math><math>55</math><math>5756</math>TOO<math>51910</math><math>51910</math><math>55</math><math>5759</math>TOO<math>51911</math><math>55</math><math>50</math><math>5759</math>TOO<math>51912</math><math>55</math><math>50</math><math>5759</math>TOO<math>51912</math><math>55</math><math>50</math><math>5759</math>TOO<math>51914</math><math>55</math><math>50</math><math>5759</math>TOO<math>51914</math><math>55</math><math>50</math><math>5750</math>TOO<math>51914</math><math>55</math><math>50</math><math>5750</math>TOO<math>51914</math><math>55</math><math>50</math><math>5761</math>TOO<math>51914</math><math>55</math><math>50</math><math>5761</math>TOO<math>51914</math><math>55</math><math>50</math><math>5762</math>TOU<math>51916</math><math>55</math><math>50</math><math>5761</math>TOU<math>51916</math><math>55</math><math>50</math><math>5762</math>TPMTPM<math>51916</math><math>55</math><math>5763</math>TPM<math>51916</math><math>55</math><math>50</math><math>5764</math>TPM<math>51924</math><math>55</math><math>50</math><math>5764</math>TPM<math>51924</math><math>55</math><math>50</math><math>5774</math>TPM<math>51924</math><math>55</math><math>50</math><tr<< td=""><td>5749         TOF         51903         \$5         \$0           5750         TOG         51905         \$5         \$0           5751         TOH         51905         \$5         \$0           5752         TOI         51906         \$5         \$0           5752         TOJ         51906         \$5         \$0           5753         TOJ         51907         \$5         \$0           5754         TOJ         51908         \$5         \$0           5755         TOJ         51909         \$5         \$0           5756         TOO         51910         \$5         \$0           5758         TOO         51910         \$5         \$0           5756         TOO         51910         \$5         \$0           5756         TOO         51910         \$5         \$0           5756         TOO         51916         \$5         \$0           5756         T</td><td>5749         TOF         51903         \$55         \$0           5750         TOG         51904         \$55         \$0           5751         TOH         51905         \$55         \$0           5752         TOI         51906         \$55         \$0           5753         TOJ         51907         \$55         \$0           5754         TOJ         51907         \$55         \$0           5755         TOJ         51907         \$55         \$0           5756         TOO         51910         \$55         \$0           5755         TOO         51910         \$55         \$0           5756         TOO         51910         \$55         \$0           5758         TOO         51913         \$55         \$0           5760         TOO         51913         \$55         \$0           5761         TOO         51913         \$55         \$0           5763         TOO         51913         \$55         \$0           5763         TOO         51913         \$55         \$0           5764         TOO         51914         \$55         \$0           5764</td></tr<<></td>   | lee 5749TOF51903\$5\$0lse 5750TOG51904\$5\$0lse 5751TOH51905\$5\$0lse 5752TOI51906\$5\$0lse 5753TOU51907\$5\$0lse 5754TOU51907\$5\$0lse 5755TOU51908\$5\$0lse 5755TOU51909\$5\$0lse 5755TOU51910\$5\$0lse 5756TOO51910\$5\$0lse 5757TOP51911\$5\$0lse 5758TOO51911\$5\$0lse 5759TOO51914\$5\$0lse 5759TON51914\$5\$0lse 5761TOU51914\$5\$0lse 5762TOU51914\$5\$0lse 5763TOU51916\$5\$0lse 5763TOU51916\$5\$0lse 5764TOU51916\$5\$0lse 5765TPO51916\$5\$0lse 5766TPO51920\$5\$0lse 5767TPO51920\$5\$0lse 5767TPO51920\$5\$0lse 5767TPO51920\$5\$0lse 5767TPO51920\$5\$0lse 5767TPO51920\$5\$0lse 5767TPO51920\$5\$0lse 5767TPO519  
  | se 5749         TOF         51903         \$55         \$0           se 5750         TOG         51904         \$55         \$0           se 5751         TOH         51905         \$55         \$0           se 5752         TOH         51905         \$55         \$0           se 5753         TOU         51906         \$55         \$0           se 5753         TOU         51907         \$55         \$0           se 5754         TOU         51907         \$55         \$0           se 5755         TOU         51910         \$55         \$0           se 5756         TOO         51911         \$55         \$0           se 5758         TOO         51913         \$55         \$0           se 5758         TOO         51914         \$55         \$0           se 5760         TOO         51913         \$55         \$0           se 5761         TOU         51914         \$55         \$0           se 5762         TOU         51916         \$55         \$0           se 5763         TOU         51916         \$55         \$0           se 5763         TOU         51916         \$55 <t< td=""><td>e 5749         TOF         51903         \$5         \$0           e 5750         TOG         51904         \$5         \$0           e 5751         TOH         51905         \$5         \$0           e 5752         TOI         51906         \$5         \$0           e 5753         TOI         51906         \$5        
\$0           e 5753         TOU         51907         \$5         \$0           e 5753         TOU         51907         \$5         \$0           e 5755         TOU         51910         \$5         \$0           e 5755         TOU         51911         \$5         \$0           e 5756         TOO         51911         \$5         \$0           e 5758         TOO         51912         \$5         \$0           e 5758         TOO         51913         \$5         \$0           e 5758         TOO         51912         \$5         \$0           e 5758         TOO         51912         \$5         \$0           e 5760         TOO         51913         \$5         \$0           e 5761         TOU         51916         \$5         \$0</td><td>5749         TOF         51903         \$5         \$0           5750         TOG         51904         \$5         \$0           5751         TOH         51905         \$5         \$0           5752         TOI         51906         \$5         \$0           5753         TOI         51906         \$5         \$0           5753         TOU         51906         \$5         \$0           5754         TOU         51906         \$5         \$0           5753         TOU         51906         \$5         \$0           5756         TOU         51910         \$5         \$0           5756         TOO         51911         \$5         \$0           5759         TOO         51911         \$5         \$0           5756         TOO         51911         \$5         \$0           5756         TOO         51911         \$5         \$0           5756         TOU         51914         \$5         \$0           5760         TOV         51914         \$5         \$0           5760         TOV         51914         \$5         \$0           5761         T</td><td>5749         TOF         51903         \$5         \$0           5750         TOG         51904         \$5         \$0           5751         TOH         51905         \$5         \$0           5752         TOI         51906         \$5         \$0           5753         TOI         51906         \$5         \$0           5753         TOU         51906         \$5         \$0           5753         TOU         51906         \$5         \$0           5754         TOU         51906         \$5         \$0           5755         TOU         51910         \$5         \$0           5756         TOO         51911         \$5         \$0           5758         TOO         51911         \$5         \$0           5758         TOO         51911         \$5         \$0           5758         TOO         51911         \$5         \$0           5756         TOO         51914         \$5         \$0           5760         TOV         51916         \$5         \$0           5760         TOV         51916         \$5         \$0           5764         T</td><td>5749         TOF         51903         \$55         \$0           5750         TOG         51905         \$55         \$0           5751         TOH         51905         \$55         \$0           5752         TOI         51906         \$55         \$0           5753         TOI         51906         \$55         \$0           5755         TOJ         51906         \$55         \$0           5755         TOJ         51906         \$55         \$0           5755         TOJ         51910         \$55         \$0           5755         TOO         51911         \$55         \$0           5756         TOO         51911         \$55         \$0           5759         TOO         51911         \$55         \$0           5759         TOO         51911         \$55         \$0           5750         TOO         51911         \$55         \$0           5750         TOO         51914         \$55         \$0           5750         TOO         51916         \$55         \$0           5760         TOV         51916         \$55         \$0           5761</td></t<> <td>5749         TOF         51903         \$55         \$0           5750         TOG         51905         \$55         \$0           5751         TOH         51905         \$55         \$0           5752         TOI         51906         \$55         \$0           5753         TOJ         51906         \$55         \$0           5754         TOJ         51906         \$55         \$0           5753         TOJ         51907         \$55         \$0           5754         TOJ         51907         \$55         \$0           5755         TOO         51910         \$55         \$0           5756         TOO         51911         \$55         \$0           5759         TOO         51911         \$55         \$0           5756         TOO         51911         \$55         \$0           5756         TOO         51914         \$55         \$0           5756         TOV         51916         \$55         \$0           5760         TOV         51916         \$55         \$0           5761         TOV         51916         \$55         \$0           5764</td>   | e 5749         TOF         51903         \$5         \$0           e 5750         TOG         51904         \$5         \$0           e 5751         TOH         51905         \$5         \$0           e 5752         TOI         51906         \$5         \$0           e 5753         TOI         51906         \$5         \$0           e 5753         TOU         51907         \$5         \$0           e 5753         TOU         51907         \$5         \$0           e 5755         TOU         51910         \$5         \$0           e 5755         TOU         51911         \$5         \$0           e 5756         TOO         51911         \$5         \$0           e 5758         TOO         51912         \$5         \$0           e 5758         TOO         51913         \$5         \$0           e 5758         TOO         51912         \$5         \$0           e 5758         TOO         51912         \$5         \$0           e
5760         TOO         51913         \$5         \$0           e 5761         TOU         51916         \$5         \$0  | 5749         TOF         51903         \$5         \$0           5750         TOG         51904         \$5         \$0           5751         TOH         51905         \$5         \$0           5752         TOI         51906         \$5         \$0           5753         TOI         51906         \$5         \$0           5753         TOU         51906         \$5         \$0           5754         TOU         51906         \$5         \$0           5753         TOU         51906         \$5         \$0           5756         TOU         51910         \$5         \$0           5756         TOO         51911         \$5         \$0           5759         TOO         51911         \$5         \$0           5756         TOO         51911         \$5         \$0           5756         TOO         51911         \$5         \$0           5756         TOU         51914         \$5         \$0           5760         TOV         51914         \$5         \$0           5760         TOV         51914         \$5         \$0           5761         T  
  | 5749         TOF         51903         \$5         \$0           5750         TOG         51904         \$5         \$0           5751         TOH         51905         \$5         \$0           5752         TOI         51906         \$5         \$0           5753         TOI         51906         \$5         \$0           5753         TOU         51906         \$5         \$0           5753         TOU         51906         \$5         \$0           5754         TOU         51906         \$5         \$0           5755         TOU         51910         \$5         \$0           5756         TOO         51911         \$5         \$0           5758         TOO         51911         \$5         \$0           5758         TOO         51911         \$5         \$0           5758         TOO         51911         \$5         \$0           5756         TOO         51914         \$5         \$0           5760         TOV         51916         \$5         \$0           5760         TOV         51916         \$5         \$0           5764         T   
  | 5749         TOF         51903         \$55         \$0           5750         TOG         51905         \$55         \$0           5751         TOH         51905         \$55         \$0           5752         TOI         51906         \$55         \$0           5753         TOI         51906         \$55         \$0           5755         TOJ         51906         \$55         \$0           5755         TOJ         51906         \$55         \$0           5755         TOJ         51910         \$55         \$0           5755         TOO         51911         \$55         \$0           5756         TOO         51911         \$55         \$0           5759         TOO         51911         \$55         \$0           5759         TOO         51911         \$55         \$0           5750         TOO         51911         \$55         \$0           5750         TOO         51914         \$55         \$0           5750         TOO         51916         \$55         \$0           5760         TOV         51916         \$55         \$0           5761   | 5749         TOF         51903         \$55         \$0           5750         TOG         51905         \$55         \$0           5751         TOH         51905         \$55         \$0           5752         TOI         51906         \$55         \$0           5753         TOJ         51906         \$55         \$0           5754         TOJ         51906         \$55         \$0           5753         TOJ         51907         \$55         \$0           5754         TOJ         51907         \$55         \$0           5755         TOO         51910         \$55         \$0           5756         TOO         51911         \$55         \$0           5759         TOO         51911         \$55         \$0           5756         TOO         51911         \$55         \$0           5756         TOO         51914         \$55         \$0           5756         TOV         51916         \$55         \$0           5760         TOV         51916         \$55         \$0           5761         TOV         51916         \$55         \$0           5764  
   | 5749TOF $51903$ $55$ $50$ $5750$ TOG $51904$ $55$ $50$ $5751$ TOH $51905$ $55$ $50$ $5752$ TOI $51906$ $55$ $50$ $5753$ TOJ $51907$ $55$ $50$ $5753$ TOJ $51907$ $55$ $50$ $5753$ TOJ $51906$ $55$ $50$ $5754$ TOJ $51902$ $55$ $50$ $5755$ TOJ $51910$ $51910$ $55$ $5756$ TOO $51910$ $51910$ $55$ $5759$ TOO $51911$ $55$ $50$ $5759$ TOO $51912$ $55$ $50$ $5759$ TOO $51912$ $55$ $50$ $5759$ TOO $51914$ $55$ $50$ $5759$ TOO $51914$ $55$ $50$ $5750$ TOO $51914$ $55$ $50$ $5750$ TOO $51914$ $55$ $50$ $5761$ TOO $51914$ $55$ $50$ $5761$ TOO $51914$ $55$ $50$ $5762$ TOU $51916$ $55$ $50$ $5761$ TOU $51916$ $55$ $50$ $5762$ TPMTPM $51916$ $55$ $5763$ TPM $51916$ $55$ $50$ $5764$ TPM $51924$ $55$ $50$ $5764$ TPM $51924$ $55$ $50$ $5774$ TPM $51924$ $55$ $50$ <tr<< td=""><td>5749         TOF         51903         \$5         \$0           5750         TOG         51905         \$5         \$0           5751         TOH         51905         \$5         \$0           5752         TOI         51906         \$5         \$0           5752         TOJ         51906         \$5         \$0           5753         TOJ         51907         \$5         \$0           5754         TOJ         51908         \$5         \$0           5755         TOJ         51909         \$5         \$0           5756         TOO         51910         \$5         \$0           5758         TOO         51910         \$5         \$0           5756         TOO         51910         \$5         \$0           5756         TOO         51910         \$5         \$0           5756         TOO         51916         \$5         \$0           5756         T</td><td>5749         TOF         51903         \$55         \$0           5750         TOG         51904         \$55         \$0           5751         TOH         51905         \$55         \$0           5752         TOI         51906         \$55         \$0           5753         TOJ         51907         \$55         \$0           5754         TOJ         51907         \$55         \$0           5755         TOJ         51907         \$55         \$0           5756         TOO         51910         \$55         \$0           5755         TOO         51910         \$55         \$0           5756         TOO         51910         \$55         \$0           5758         TOO         51913         \$55         \$0           5760         TOO         51913         \$55         \$0           5761         TOO         51913         \$55         \$0           5763         TOO         51913         \$55         \$0           5763         TOO         51913         \$55         \$0           5764         TOO         51914         \$55         \$0           5764</td></tr<<>  | 5749         TOF         51903         \$5         \$0           5750         TOG         51905         \$5         \$0           5751         TOH         51905         \$5         \$0           5752         TOI         51906         \$5         \$0           5752         TOJ         51906         \$5         \$0           5753         TOJ         51907         \$5         \$0           5754         TOJ         51908         \$5         \$0           5755         TOJ         51909         \$5         \$0           5756         TOO         51910         \$5         \$0           5758         TOO         51910         \$5         \$0           5756         TOO         51910         \$5         \$0           5756         TOO         51910         \$5         \$0           5756         TOO         51916         \$5         \$0           5756         T  | 5749         TOF         51903         \$55         \$0           5750         TOG         51904         \$55         \$0           5751         TOH         51905         \$55         \$0           5752         TOI         51906         \$55         \$0           5753         TOJ         51907         \$55         \$0           5754         TOJ         51907         \$55         \$0           5755         TOJ         51907         \$55         \$0           5756         TOO         51910         \$55         \$0           5755         TOO         51910         \$55         \$0           5756         TOO         51910         \$55         \$0           5758         TOO         51913         \$55         \$0           5760         TOO         51913         \$55         \$0           5761         TOO         51913         \$55         \$0           5763         TOO         51913         \$55         \$0           5763         TOO         51913         \$55         \$0           5764         TOO         51914         \$55         \$0           5764  |

					01-20115 - CG AIRSTA	CAPE COD							
Project	Parent	Ctatue	Prog Awd EV	Cont Comp	Droioct Titla	DDEN	l ocation	Aud/Ect	1 Coete	DOLL	ARS (\$K) M4A+C Costs	Λdd	MC Contrib
		Olalus	DMC				LOCALION	167 IMAL	0.0913	D 00313	S1000 0 . V . III		
3696865	3457300	INPRG	2011	02/04/2013	Elect/Tel Upgrade Hsg Units 9/10	TE91	7786	\$49	\$0	\$5	\$44	\$418	\$0
3466092		INPRG	2012		Repair Spalled Concrete on Hangar 3170	NONE	1719	\$374	\$0	\$0	\$0	\$0	\$0
4968317	3466092	INPRG	2012		Construction Repair Spalled Concrete on Hangar 3170	VZ3	52098	\$374	\$0	\$0	\$374	\$14,033	\$0
3818307		INPRG	2012	09/26/2012	Replace Roll-Up Door at GSE Garage	VQ2	52092	\$19	\$0	\$2	\$17	\$903	\$0
4899644	3818307	INPRG	2012	09/26/2012	Upgrade to Insulated Door	VQ2	52092	\$3	\$0	\$0	\$3	\$903	\$0
4347129	3973183	COMP	2012	07/18/2012	Family Relocations	NONE	1719	\$24	\$0	\$24	\$0	\$0	\$0
4775693	3973183	INPRG	2012		Additional Asbestos testing	NONE	214	\$14	\$0	\$14	\$0	\$0	\$0
3973183		INPRG	2011		Demo housing units at ASCC	NONE	214	\$2,392	\$0	\$0	\$0	\$0	\$0
4746949	3973183	INPRG	2012		Mod 1: Additional Asbestos Abatement	NONE	214	\$184	\$0	\$184	\$0	\$0	\$0
3045757	3973183	INPRG	2011		Demolish Bldg 5300 (Housing)	TAB	6555	\$82	\$0	\$82	\$0	\$274	\$0
3045907	3973183	INPRG			Demolish Bldg 5301 (Housing)	TAC	6556	\$82	\$0	\$82	\$0	\$552	\$0
3045910	3973183	INPRG			Demolish Bldg 5306 (Housing)	ТАН	6561	\$82	\$0	\$82	\$0	\$393	\$0
3045913	3973183	INPRG			Demolish Bldg 5307 (Housing)	TAI	6562	\$82	\$0	\$82	\$0	\$552	\$0
581948	3973183	INPRG	2011		Demolish Bldg 5311 (housing)	TAO	6569	\$82	\$0	\$82	\$0	\$393	\$0
3045914	3973183	INPRG			Demolish Bldg 5313 (Housing)	TAQ	6571	\$82	\$0	\$82	\$0	\$552	\$0
581946	3973183	INPRG	2011		Demolish Bldg 5314 (housing)	TAR	6572	\$82	\$0	\$82	\$0	\$463	\$0
581967	3973183	INPRG			Demolish Bldg 5321 (housing)	TBD	6580	\$82	\$0	\$82	\$0	\$463	\$0
3045915	3973183	INPRG			Demolish Bldg 5369 (Housing)	TDK	6627	\$95	\$0	\$95	\$0	\$274	\$0
581987	3973183	INPRG			Demolish Bldg 5402 (housing)	TFB	6661	\$95	\$0	\$95	\$0	\$552	\$0
3045761	3973183	INPRG			Demolish Bldg 5403 (Housing)	TFC	6662	\$95	\$0	\$95	\$0	\$463	\$0
3045762	3973183	INPRG			Demolish Bldg 5404 (Housing)	TFD	6663	\$95	\$0	\$95	\$0	\$552	\$0
3045763	3973183	INPRG			Demolish Bldg 5405 (Housing)	TFE	6664	\$95	\$0	\$95	\$0	\$552	\$0
3045916	3973183	INPRG			Demolish Bldg 5406 (Housing)	TFF	6665	\$95	\$0	\$95	\$0	\$552	\$0
3045919	3973183	INPRG			Demolish Bldg 5407 (Housing)	TFG	6666	\$95	\$0	\$95	\$0	\$552	\$0
3045773	3973183	INPRG			Demolish Bldg 5439 (Housing)	TGS	6696	\$111	\$0	\$111	\$0	\$552	\$0
3045776	3973183	INPRG			Demolish Bldg 5442 (Housing)	TGV	6699	\$111	\$0	\$111	\$0	\$463	\$0
3045779	3973183	INPRG			Demolish Bldg 5445 (Housing)	THC	6702	\$111	\$0	\$111	\$0	\$552	\$0
3045881	3973183	INPRG			Demolish Bldg 5447 (Housing)	THE	6704	\$111	\$0	\$111	\$0	\$552	\$0
3045893	3973183	INPRG			Demolish Bldg 5452 (Housing)	ТНЈ	6079	\$111	\$0	\$111	\$0	\$463	\$0
3045898	3973183	INPRG			Demolish Bldg 5667 (Housing)	ткн	6749	\$71	\$0	\$71	\$0	\$274	\$0
3045900	3973183	INPRG			Demolish Bldg 5668 (Housing)	TKI	6750	\$71	\$0	\$71	\$0	\$274	\$0
3045903	3973183	INPRG			Demolish Bldg 5675 (Housing)	TKR	6757	\$71	\$0	\$71	\$0	\$552	\$0
3045764	3973183	INPRG			Demolish Bldg 5681 (Housing)	TLB	6763	\$71	\$0	\$71	\$0	\$274	\$0
3045767	3973183	INPRG			Demolish Bldg 5683 (Housing)	TLD	6765	\$71	\$0	\$71	\$0	\$274	\$0
3045770	3973183	INPRG			Demolish Bldg 5686 (Housing)	TLG	6768	\$71	\$0	\$71	\$0	\$274	\$0
582006	3973183	INPRG	2011		Demolish Bldg 5690 (housing)	TLK	6772	\$71	\$0	\$71	\$0	\$463	\$0
4128549		INPRG	2012		REPLACE ROOFS (Parent)	NONE	214	\$713	\$0	\$0	\$0	\$0	\$0
01-P02332	4128549	INPRG	2012		REPLACE ROOF (ACTIVITY CTR.)	WTX	44567	\$390	\$8	\$70	\$312	\$5,398	\$8
4613546	4128549	INPRG	2012		Replace Multiplex Roofs (Ph 2)	TJF	6729	\$48	\$2	\$5	\$41	\$274	\$2
4613549	4128549	INPRG	2012		Replace Multiplex Roofs (Ph 2)	TKA	6742	\$65	\$3	\$8	\$54	\$463	\$3
4613553	4128549	INPRG	2012		Replace Multiplex Roofs (Ph 2)	TKB	6743	\$65	\$3	\$8	\$54	\$463	\$3
4613547	4128549	INPRG	2012		Replace Multiplex Roofs (Ph 2)	TKG	6748	\$81	\$3	\$10	\$68	\$694	\$3

											10/22/2012	Download
											ctoher 2012	Revised: O
V 2013	ate: 07 J <mark>AN</mark>						Commanding Officer				IATURE:	TITLE/SIGN
			\$718	FAC level:	FY at the OP	e"I" within the	Cumulativ	(7)(C)	& (b)	(9)(q)		
\$5,047	\$6	\$1	\$0	\$7	54988	WN5	(Mod #2) credit mod	07/13/2012		COMP	511436	4408296
\$5,047	\$434	\$95	\$0	\$529	54988	WN5	Repairs to Building 5203 (CG Exchange)	07/13/2012	2011	COMP		511436
\$5,047	\$434	\$95	\$0	\$529	54988	WN5	Repairs to Building 5203 (43 Portion)	07/13/2012	2011	COMP	511436	3847907
\$198	\$39	\$4	\$0	\$43	47334	6689	Replace Transformer (CASREP)		2012	INPRG		4900262
\$1,456	\$0	\$7	\$0	\$7	51869	WTZ	Asbestos Abatement at Bldg 5200	07/27/2012		COMP		4565040
\$463	\$45	\$6	\$2	\$54	6742	TKA	Replace Multiplex Roofs - 5656	06/15/2012	2012	COMP	4511394	3543394
\$393	\$24	\$3	\$1	\$29	6739	TJT	Replace Multiplex Roofs - 5653	06/15/2012	2012	COMP	4511394	3543089
\$694	\$55	\$8	\$3	\$66	6735	TJL	Replace Multiplex Roofs - 5601	06/15/2012	2012	COMP	4511394	3543198
\$552	\$53	\$8	\$3	\$63	6695	TGR	Replace Multiplex Roofs - 5438	06/15/2012	2012	COMP	4511394	3543343
\$463	\$53	\$8	\$3	\$63	6659	TEV	Replace Multiplex Roofs - 5602	06/15/2012	2012	COMP	4511394	3543282
\$393	\$24	\$3	\$1	\$29	6592	TBR	Replace Multiplex Roofs - 5334	06/15/2012	2012	COMP	4511394	2496982
\$0	<b>\$30</b>	\$4	\$1	\$35	39650	NONE	Install additonal 3/4 inch sheet of plywood	06/15/2012	2012	COMP	4511394	4738396
\$0	\$0	\$0	\$0	\$303	39650	NONE	Multiplex Roof Replacement	06/15/2012	2012	COMP		4511394
\$463	\$54	\$8	\$3	\$64	6754	тко	Replace Multiplex Roofs (Ph 2)		2012	INPRG	4128549	2496991
	2000	2000	0000							04440		
PRV MC	M+A+C Costs	D Costs N	l Costs	Awd/Est	l ocation	RPFN	Project Title	Actual Date	Awd FY	Status	Number	Number
	DC /¢K/							Cont Com	Drog		Daront	Droioct
						CAPE COL	01-20115 - CG AIRST/					
				s W Chop 2	78 - Repair	ION - 49679	SEPARATE AND SEVERABLE CERTIFICAT					
	PRV     MC       \$463     \$463       \$552     \$463       \$552     \$552       \$5694     \$552       \$55047     \$55047       \$5,047     \$5,047       \$5,047     \$5,047       \$5,047     \$5,047       \$5,047     \$5,047	RS (\$K)     Attact Costs     PRV     MC       Attact Costs     PRV     MC       \$54     \$463     \$0       \$53     \$0     \$0       \$53     \$0     \$0       \$53     \$1,456     \$463       \$53     \$564     \$393       \$53     \$694     \$363       \$54     \$363     \$1,456       \$54     \$5047     \$1,456       \$43     \$5,047     \$1,456       \$43     \$5,047     \$1,456       \$43     \$5,047     \$333       \$44     \$5,047     \$1,456       \$43     \$5,047     \$1,456       \$44     \$5,047     \$1,456       \$53     \$5,047     \$1,456       \$54     \$5,047     \$1,456       \$53     \$5,047     \$1,456       \$54     \$5,047     \$5,047       \$55,047     \$5,047     \$1,456       \$55,047     \$5,047     \$1,456       \$55,047     \$5,047     \$1,456       \$56     \$5,047     \$1,456       \$56     \$5,047     \$1,456       \$56     \$5,047     \$1,566       \$56     \$1,567     \$1,566       \$56     \$5,047     \$1,566       \$56	DOLLARS (\$K)       DOLLARS (\$K)       D Costs     M+A+C Costs     PRV     MC       \$50     \$0     \$0     \$0       \$50     \$50     \$0     \$0       \$50     \$50     \$0     \$0       \$51     \$52     \$463     \$0       \$52     \$50     \$0     \$0       \$53     \$54     \$393     \$0       \$53     \$55     \$694     \$0       \$54     \$53     \$564     \$0       \$53     \$55     \$694     \$0       \$54     \$533     \$564     \$0       \$54     \$533     \$564     \$0       \$54     \$533     \$564     \$0       \$54     \$533     \$564     \$0       \$54     \$533     \$564     \$0       \$54     \$533     \$564     \$564       \$54     \$533     \$564     \$564       \$54     \$533     \$564     \$564       \$54     \$533     \$564     \$564       \$54     \$564     \$564     \$564       \$54     \$564     \$564     \$564       \$56     \$543     \$564     \$564       \$54     \$566     \$564     \$564 <td>DOLLARS (\$K)       I Costs     NM       I Costs     NM       I Costs     NM       I Costs     NM       S     S       S        S</td> <td>DollArsi (k)         Awd/Est       I costs       DollArsi (k)         Awd/Est       I costs       DollArsi (k)       Mathematical (k)         S001       S01       S0       S0       S0       S0         S303       S0       S0       S0       S0       S0       S0         S303       S0       S0       S0       S0       S0       S0       S0         S303       S0       S1       <t< td=""><td>78 - 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503       TK         TK       Sold Sold Sold Sold Sold Sold Sold Sold</td><td>SEPARTE AND SEVERABLE CERTIFICATION - 4967978 - Repairs W Chop 2         01-20115 - CG AIRSTA CAPE COD         01-20115 - CG AIRSTA CAPE COD         OI-20115 - CG AIRSTA CAPE COD         OI-20115 - CG AIRSTA CAPE COD         OI-20115 - CG AIRSTA CAPE COD         COLLARS (4%)         OI-20115 - CG AIRSTA CAPE CO         COLLARS (4%)         COLLARS (4%)</td><td>SEPARIE CERTIFICATION - 4867373 - Repairs W Chop 2         0-20175 - CC AIRSTA CAPE COF         OI-20175 - CC AIRSTA CAPE COF         Multiple       Multiple</td><td>SEPARTE AND SEVERABLE CERTIFICATION -496738 - Repairs W Chop 2         01-2015 - CG AIRSTA CAPE COD         01-2015 - CG AIRSTA CAPE COD         Annuel Colspan="6"&gt;Distribution of the project Title       Project Title       DILIARS RATE         MPFIG       2012       Control       2012       <th< td=""><td>SEPARTE AND SEVERABLE CERTIFICATION - 486737 - Repairs W Chop 2         01-20115 - CG AIRSTA CAPE COD         Number       Prop       Number       Direction       Andrefie       Direction       Direction</td></th<></td></t<></td>	DOLLARS (\$K)       I Costs     NM       I Costs     NM       I Costs     NM       I Costs     NM       S     S       S        S	DollArsi (k)         Awd/Est       I costs       DollArsi (k)         Awd/Est       I costs       DollArsi (k)       Mathematical (k)         S001       S01       S0       S0       S0       S0         S303       S0       S0       S0       S0       S0       S0         S303       S0       S0       S0       S0       S0       S0       S0         S303       S0       S1 <t< td=""><td>78 - Repairs W Chop 2         Modifiest       POLLARS (\$K)         Location       And/fest       I Costs       DOLLARS (\$K)       Mid         1       And/fest       I Costs       D Costs       Mid       Mid         30650       \$303       \$00       \$00       \$0       \$00       \$00       \$00         30650       \$303       \$00<td>ION - 4967378 - Repairs W Chop 2       CAPE COD       DOLLARS (\$K)       Apply     Location     Awd/Est     I Costs     DOLLARS (\$K)       TYC     Front     Awd/Est     I Costs     Prov     Minate Costs     Prov       TYC     6592     \$303     \$0&lt;</td>     \$0     \$0     \$0       -NONE-     39650     \$333     \$0     \$0     \$0     \$0       TILL     6735     \$603     \$33     \$24     \$333       TUL     6733     \$51     \$1     \$3     \$24     \$333       VIN5     54988     \$523     \$66     \$0     \$1   &lt;</td><td>SEPARTE CETTIFICATION -4967978 - Repairs W Chop 2         01-20115 - CG AIRSTA CAPE COD         DOLLARS fs/1         Multiplex Roofs - 503       TK         TK       Sold Sold Sold Sold Sold Sold Sold Sold</td><td>SEPARTE AND SEVERABLE CERTIFICATION - 4967978 - Repairs W Chop 2         01-20115 - CG AIRSTA CAPE COD         01-20115 - CG AIRSTA CAPE COD         OI-20115 - CG AIRSTA CAPE COD         OI-20115 - CG AIRSTA CAPE COD         OI-20115 - CG AIRSTA CAPE COD         COLLARS (4%)         OI-20115 - CG AIRSTA CAPE CO         COLLARS (4%)         COLLARS (4%)</td><td>SEPARIE CERTIFICATION - 4867373 - Repairs W Chop 2         0-20175 - CC AIRSTA CAPE COF         OI-20175 - CC AIRSTA CAPE COF         Multiple       Multiple</td><td>SEPARTE AND SEVERABLE CERTIFICATION -496738 - Repairs W Chop 2         01-2015 - CG AIRSTA CAPE COD         01-2015 - CG AIRSTA CAPE COD         Annuel Colspan="6"&gt;Distribution of the project Title       Project Title       DILIARS RATE         MPFIG       2012       Control       2012       <th< td=""><td>SEPARTE AND SEVERABLE CERTIFICATION - 486737 - Repairs W Chop 2         01-20115 - CG AIRSTA CAPE COD         Number       Prop       Number       Direction       Andrefie       Direction       Direction</td></th<></td></t<>	78 - Repairs W Chop 2         Modifiest       POLLARS (\$K)         Location       And/fest       I Costs       DOLLARS (\$K)       Mid         1       And/fest       I Costs       D Costs       Mid       Mid         30650       \$303       \$00       \$00       \$0       \$00       \$00       \$00         30650       \$303       \$00 <td>ION - 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486737 - Repairs W Chop 2         01-20115 - CG AIRSTA CAPE COD         Number       Prop       Number       Direction       Andrefie       Direction       Direction

	COST ESTIMATE	SUMMARY	FORM CIVIL Dollars (\$K)	EINGINEERI	NG OE PR	OJECT			
Prepared By: Project Title:	(b)(6) & (b)(7)(C) West Chop Housing Repairs	Date:	16-Oct-12	Unit Name: ATU/OPFAC:	AIRSTA Cap 20115	oe Cod (Hou:	Location:	Vineyard Hav	en, MA
						MAICD Dis	stribution (\$K)		
Project Element	Unit	Quantity	Cost/Unit \$	Ψ	۷	-	U	Q	Total M+A+I+C+D
Lead Paint Walls- Interiors WC1 Lead Paint Walls - Interiors WC2 Electrical Service WC1 Electrical Service WC2 Trim/Finish Carpentry WC1 Trim/Finish Carpentry WC1 Lead Paint - Exterior WC2 Windows WC1 Windows WC1 Windows WC2 Windows WC2 Nindows WC1 Windows WC2 New Trim / Casework WC1 New Trim / Casework WC2 New GWB WC1 New GWB WC1 New GWB WC1	N N N N N N N N A A A A A A A A A A A A		<ul> <li>\$ 80.00</li> <li>\$ 3.00</li> <li>\$ 3.00</li> <li>\$ 75.00</li> <li>\$ 75.00</li> <li>\$ 18.00</li> <li>\$ 11.50</li> <li>\$ 20.00</li> <li>\$ 62.00</li> <li>\$ 80.00</li> </ul>	\$75 \$75 \$10 \$15 \$20 \$62 \$80 \$80 \$80 \$80 \$80 \$80 \$80 \$80			\$2 €2	\$80 \$21 \$5 \$5 \$5 \$5 \$5 \$5 \$5 \$5 \$5 \$5 \$5 \$5 \$5	\$80 \$23 \$20 \$23 \$20 \$23 \$23 \$20 \$23 \$23 \$20 \$23 \$23 \$20 \$23 \$20 \$23 \$23 \$23 \$23 \$23 \$23 \$23 \$23 \$23 \$23
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#### **Environmental Analysis Checklist**

#### 17. Environmental Decision

#### Record of Decision

a. It is anticipated that, upon compliance with any applicable environmental regulatory requirements, this project/action will not have significant individual or cumulative impacts on the human environment or lead to substantial changes to existing environmental conditions nor will it result in any violation of Federal, State or local laws or regulations.

b. Based upon the above evaluation, this action is not expected to result in any significant adverse environmental impacts as described in the National Environmental Policy Act of 1969 [NEPA]. In addition, it has been determined that this action is categorically excluded under current Coast Guard CE #[s] <u>5</u> from further environmental documentation, in accordance with Section 2.B.2. and Figure 2-1, entitled "Coast Guard Categorical Exclusions" found in COMDTINST M16475.1D, NEPA Implementing Procedures, Federal Register Vol. 67, No 141, July 23, 2002 Notice and DHS MD 5100.1.

10 This and a second se	1 111				
18. This environmental analysis checklist was completed by the undersigned, in consultation, as					
appropriate, with an environmental reviewer.					
Name of Person Completing Form	Title	Unit			
$(b)(6) & (b)(7)(6) \\ (b)(6) & (b)(7)(6) \\ (b)(7)(6) & (b)(7)(6) \\ (b)(7)($	(7)(C)	CEU Providence			
Signature (D)(C) & (D)		Date 10/20/2012			
19. The imormation in this envir	onmental analysis checklist was	reviewed by the undersigned with			
regard to known applicable enviro	nmental regulations and Coast (	Suard Environmental Policies and			
Directives.					
Name of Environmental Reviewer	Title	Unit			
(b)(6) & (b)(7)(C)	Chief, Environmental Branch	CEU Providence			
$\frac{\text{Signature}}{(b)(6)}$ & (b	)(7)(C)	Date 10/24/2012			
20. In rea	he USCG's plan	red action. I have considered the			
information contained in this environmental analyses on the potential for environmental impacts of					
the project.					
Name of Responsible Official	Title	Unit			
(t(b)(6) & (b)(7)(0)	SCHNICAL DIRECTOR	CEU PROVIDENCE			
		Date 12/14/12			

Enclosure (8)

#### AFC-43 PROJECT DEVELOPMENT SUBMITTAL (PDS) CHECK LIST

#### Project #/Title: PSN 4967978, West Chop Repairs, Vineyard Haven, Martha's Vineyard, MA

Check (X)	Item	Unit Documentation Requirements	Comments		
x	1	Cover Memo	Memo should include a brief description (one sentence) of the project scope, total project costs including A/E, other funding sources, MC contributions, cumulative "I" for the OPFAC, and expected contract award date.		
X	2	Project Scope & Purpose	Shall include the following: (1) background, (2) project scope, and (3) purpose.		
x	<ul> <li>Project scope must detail work on individual RPFNs. Clearly articulate RPFN improvements (increase capacity, capability &amp; extension of service life). If the project intent is not to increase capacity/capability, but due to obsolescence or is the result of improved reliability, maintainability, and/or reduces maintenance cost the work should not be considered as improvements and needs to be documented to justify the classification of work (MAC).</li> </ul>				
N/A	Phases and Options must be broken down in detail and by RPFN/Cost.				
X	Cost detailed in the PDS must match cost on the OE/SS Certs.				
x	3	Related Actions	Include any other work which effects this project regardless of funding source (i.e., AC&I, EC&R, AFC- 30/34, NAF, etc). Also, identify real property transactions required as a result of the proposed project (i.e., adjusted PRV approvals, corrections to the inventory, etc).		
x	4	Engineers Justification & Alternatives Considered (NOT REQUIRED FOR PDS LITE)	Briefly describe any alternatives considered if project scope results in improvements or upgrades. Work which is purely maintenance may not require the consideration of alternatives. Highlight health/safety concerns or operational impacts. Bottom line, clearly state and provide details to support the decision for the scope of work.		
x	5	Operating Expense (OE) Certification & Cost Estimate Summary Form(s)	OE Cert must be extracted from the SAM Adhoc Tool via the Civil Engineering OE Certification Query located at the following site: http://samweb.osc.uscg.mil/		
X	The OE Cert will be auto populated based on information extracted from SAM. This will also include data extracted from SAM for the S&S Cert, which will auto populate certain data fields into the OE Cert				
X	The Cost Estimate Summary Form(s) will not auto populate at this time until a standard estimating tool is implemented in the near future.				
X	X Design and Planning costs should be categorized with a work type "DD" as a CWO under the Parent to capture the cost correctly on the OE Cert.				
X	X SAM projects involving more than one RPFN should have be assigned a CWO for each RPFN under a parent work order (with no cost assigned). Project costs should be assigned at the CWO level.				
X	Complete Replacement of an RPFN is categorized as an "Improvement" and should be assigned an RPFN and tagged with a "Not Ready" status. The existing RPFN should be assigned a separate CWO to account for the demolition work.				
x	6	Separate & Severable (SS) Certification	The S&S Cert will be produced at the same time the OE Cert is extracted from the SAM Adhoc Tool via the Civil Engineering OE Certification Query located at the following site: http://samweb.osc.uscg.mil/		
x	S&S Cert is automated based on information in SAM and includes all WOs with a status of INPRG/COMP (excludes COMP projects past the 12 month period if valid dates are available). Projects should not be placed in a "Closed" status until the warranty period expires (normally 12 months after beneficial occupancy).				
x	X S&S Cert related cost must match the related cost carried forward on the OE Cert.				
X	Section 1: Extracts data from SAM, listing the Parent/CWOs associated with proposed project.				
X	Section 2: Extracts CWOs with the same RPFNs as in Section 1 for the MAC analysis. The MACI data will auto populate on the OE Cert for the "MAC" and "I" analysis.				
X	Section 3: Requires a review of the data automatically extracted under section 4 to determine if any of the work on other RPFNs are related to the proposed project. This is a manual enter (cut and past) and must be manually entered on the OE Cert.				
x	Section 4: Highlights "Improvement "cost for the evaluation of the cumulative "I" component for the OPFAC within the "current FY". This is a manual enter on the S&S Cert. Review to document if improvements are related/unrelated when reaching or exceeding the \$900K threshold.				
X	7 Applicable Drawings (NOT REQUIRED FOR PDS LITE)				
X	8	CATEX/FONSI Cover w/Signature (Only)			

Comments:	(b)(6) & (b)(7)(C)	
Reviewed By: Date:	12/20/2012	Commanding Officer

Created: September 2011



- Subj: PROJECT DEVELOPMENT SUBMITTAL (PDS): WEST CHOP HOUSING REPAIRS, WEST CHOP 1&2, VINEHARD HAVEN, MARTHA'S VINEYARD, MA; PSN 4967978
- Ref: (a) CG-43 memo 11000 of 5 October 2011 "AFC-43 Procedure Changes for Project Approvals, Documentation, and Oversight Controls"
  (b) FY 2013 Continuing Resolution Appropriations Act, H.J. Res. 17 P.L. 112-175
  (c) ALCGFINANCE FY 2013 Continuing Resolution Guidance
- 1. Enclosure (1) is forwarded, recommending approval.

2. This endorsement confirms the project currently meets the requirements of references (a), (b), and (c).

3. Current project estimate for this project is \$746K. Currently the MC threshold contribution is \$530K. CEU Providence shall continue to monitor all modifications to the threshold and ensure the \$900K MC threshold cap and \$50K housing Improvement threshold cap per housing unit are not exceeded.

4. Cumulative "I" for AIRSTA Cape Cod OPFAC 01-20115 for the current FY is \$57K from an unrelated project PSN 4599616 which was recently awarded and had not been awarded prior to the creation of this PDS package.

5. Also of note, unrelated PSN's 5096314 and 01-P03291 are FY13 projects which were awarded after this PDS package was put together. They do not have "I" components.

6. This project should be considered for review and determination as a Construction-In-Progress (CIP) AFC-43 project for potential capitalization.

#### 7. Questions or comments should be directed to (b)(6) & (b)(7)(C) at (b)(6) & (b)(7)(C) or email (b)(6) & (b)(7)(C)

#

Encl: (1) CG CEU Providence memo 11000 of 07 Jan 2013

Copy: CG CEU Providence

U.S. Department of Homeland Security

United States Coast Guard



Commandant United States Coast Guard 2100 Second St. SW, STOP 7901 Washington, DC 20593-7901 Staff Symbol: CG-43 Phone: (202) 475-5604 Fax: (202) 475-5959

11000 6 February 2013



comb (COMDT (CG-438)

Reply to Attn of:

 $\begin{array}{c} \text{CG-438} \\ \text{(b)(6) \& (b)(7)(C)} \\ \text{(b)(6) \& (b)(7)(C)} \end{array}$ 

To: CG CEU Providence

**MEMORANDUM** 

- Subj: PROJECT DEVELOPMENT SUBMITTAL (PDS); HOUSING REPAIRS AT WEST CHOP LIGHT, MARTHA'S VINEYARD, MA; PSN 01-4967978
- Ref: (a) CG CEU Providence memo 11000 of 07 Jan 2013
  - (b) CG SILC endorsement memo 11000 of 10 Jan 2013
  - (c) FY2013 Continuing Resolution Act, P.L. 112-175

(d) ALCOAST 012/11 Interim Financial Guidance for Execution of AFC-43 Funding

1. The PDS to repair housing units at West Chop Light, Martha's Vineyard, MA, forwarded via reference (a) and endorsed via reference (b), meets criteria established in references (c) and (d) for OE funding. The FY2013 AFC-43 project is approved at the estimated cost of \$746K; the minor construction contribution is \$530K.

2. The National Historic Preservation Act allows the Coast Guard to apply lighthouse sale proceeds towards maintenance activities of existing light stations. This project meets the criteria and will be funded from a no year account specifically established to capture expenditures associated with this program. The SILC will establish a specific accounting line and funds will be transferred as soon as the account has been established. Please ensure the contracting documents refer to this account, which will be under the X01 appropriation code.

3. If the contract is not awarded prior to expiration of reference (c), the PDS will have to be reviewed and re-approved to ensure it meets OE funding criteria in effect at time of construction contract award. In addition, any change in cost throughout the life of the project must be evaluated to ensure that the "I" component remains below \$50K per housing unit and the project remains within the CG-43 minor construction threshold of \$900K

Copy: CG SILC (SMC)

## West Chop Light Housing Investigation

# Exhibit (13)

Withheld all 2 pages under FOIA Exemptions 5, 6, & 7(C)

# (b)(5), (b)(6), & (b)(7)(C)



U.S. Department of Homeland Security

United States Coast Guard Commander United States Coast Guard Shore Infrastructure Logistics Center 300 East Main Street, Suite 800 Norfolk, VA 23510-9104 Staff symbol: (ead) Phone:(b)(6) & (b)(7)(C) Fax: (757) 628-4322

11000 JAN 9 2013

MEMORANDUM J. M. HEINZ, CAPT From; CG SILC To: Distribution

Reply to (b)(6) & (b)(7)(C) Attn of: (b)(6) & (b)(7)(C

Subj: FY14 CENTRALIZED AFC-43 PROJECT PRIORITIZATION BOARD RESULTS

Ref: (a) AFC-43 Centralized Planned Obligation Prioritization (C-POP) Process Guide, SILC-36-11 21 24 31-10/20110222

1. Thank you for your participation during the Centralized Planned Obligation Prioritization (C-POP) Board for the FY14 AFC43 program. The C-POP Board was held December 4-5, 2012; the process followed the procedures identified in reference (a).

2. Enclosures (1), (2), (3), and (4) are the FY14 AFC43 C-POP Board results for the Tactical Operations, Strategic Operations, Mission Readiness, and Mission Support Product Lines, respectively. Enclosure (5) is the CPOP distribution broken down by Product Line, project driver, and Tier.

3. CEUs and HQFEs shall begin designing the listed projects in preparation to make awards as early as possible in FY14, striving for  $1^{st}/2^{nd}$  quarter awards. The Insert C-POP meeting to be conducted in June, 2013, will afford an opportunity to review the approved lists to ensure that projects are on track for award and to identify any emerging requirements that may need to be considered for action in FY14. While the lists may be adjusted at the Insert C-POP meeting, the objective will be to minimize changes to enable efficient and effective delivery of these requirements.

4. This C-POP meeting continued to build on the Product Line and Asset Line responsibilities. This approach aligns with the Product Line Management cornerstone of the Coast Guard's Business Model and yields an enhanced enterprise-wide view of facility maintenance needs. Input from District and Area Planners and the Headquarters Unit Facility Engineers in the development of the Product Line priorities was critical to insure operational impacts of the proposed projects were fully understood and presented by the Product Line Managers.

5. The panel used the Product line priorities as a starting point in their deliberations. The panel developed the approved lists by reviewing and discussing the projects recommended by the Product Line Managers, the category 2 projects prioritized in the FY13 AFC43 lists, and the remaining unprioritized projects. This C-POP meeting varied from previous sessions by not creating a category 2 on the FY14 AFC43 project lists. This decision was based on the understanding that category 2 did not necessarily guarantee a project to be prioritized for the next fiscal year and that the FY+1 list is created far enough in advance of any budget forecasts.

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6. During deliberations, the costs for a few projects were modified to either phase the project or more accurately define project cost:

- a. TRACEN Petaluma Renovate H-Complex Phase II: Project cost reduced from \$1.9M to \$1M to phase the project further.
- Base Seattle Piers 36A, 26B, and 37 Structural Repairs: Project cost reduced from \$2.3M to \$2.1M to more accurately define scope of work.

7. The following projects were approved for local execution, pending funds availability without centralized funding. The indicated estimates should be viewed as not to exceed amounts and funding in excess of these would require additional SILC approval.

- a. STA Annapolis Construct Boat Ramp: This is a \$200K improvement project to construct a new boat ramp. Scope of this project should be reviewed to determine compliance with COMDTNOTE 11010 dated 02 Nov 2012.
- CG Academy Install Security Locks on Exterior Doors: This is a \$475K alteration project to install electronic locks on all exterior doors of Chase Hall, cadet/officer candidate barracks.
- c. Base Kodiak Construct Fire Training Facility: This is a \$650K improvement project to construct a firefighting training facility to meet the requirements for the local fire department.
- d. STA Grays Harbor New WPB Shore Tie: This is a \$200K improvement project to install new 440 VAC, 3-phase, 100 amp electrical service at STA Grays Harbor which is frequent mid-patrol stop for 9 D13 WPBs.
- e. STA Yaquina Bay New WPB Shore Tie: This is a \$200K improvement project to install new 440 VAC, 3 phase, 100 amp electrical service at STA Yaquina Bay which is frequent mid-patrol stop for 9 D13 WPBs.
- f. AIRSTA Clearwater Construct New Fuel Farm Lab: This is a-\$250K compliance project to upgrade the fuel farm trailer at AirSta Clearwater by adding fuel testing equipment, cross-ventilation, eyewash station, grounding straps and a sink in order to meet the requirements of the CG Aviation Fuel Handling Procedures Process Guide.
- 8. A number of projects proposed for central funding involve requirements that have pending cross-program review and concurrence at headquarters. CG-43 has initiated a number of teams to develop standards to resolve the issues identified below. These projects will be considered for centralized funding as corporate support requirements are defined:
  - a. Small Arms Firing Ranges: These projects will be revisited in the spring when the requirements have been better defined by the Team.

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Tactical Operations Product line Manager will work with servicing CEU to determine if the project satisfies these criteria. If so, it should be submitted to the Centralized Configuration Board (CCB) for approval for local execution without centralized funding.

c. TISCOM – Upgrade Power and Install HVAC in Shipping & Receiving: Unit FE will research requirements for equipment storage. Once requirements are clearly defined, this project should be submitted to the CCB for approval for local execution without centralized funding.

9. I appreciate your engagement during the execution of the AFC43 prioritization process. My staff will use lessons learned and the feedback you provided to continue to streamline our process.

10. My point of contact for the AFC43 C-POP process is (b)(6) & (b)(7)(C) at (b)(6) & (b)(7)(C)

#

Distribution COMDT (CG-43), (CG-7412), (DCMS-8) CG PACAREA (PAC-8) CG LANTAREA (LANT-8) CG CEU Oakland CG CEU Honolulu CG CEU Honolulu CG CEU Juneau CG CEU Cleveland CG CEU Miami CG CEU Providence CGD ONE (dcs) CGD FIVE (dcs) CGD EIGHT (dcs) CGD NINE (dcs)

CGD ELEVEN (dcs) CGD THIRTEEN (dcs) CGD FOURTEEN (dcs) CGD SEVENTEEN (dcs) CG Academy CG TRACEN Petaluma CG TRACEN Cape May CG TRACEN Yorktown CG Yard CG FDCC CG TISCOM CG ATC Mobile FY14 AFC43 05DEC 2012 C-POP Board Results FY14 AFC43 MISSION READINESS PROJECTS:

Tier ≥ ≥ ≥ 2 ≥ ≥ ≥ ≣ Ξ ≣ ≥ ≣ = Asset HSG TRNG HSG HSG HSG HSG HSG HSG **HSG** HSG HSG RSF HSG Driver Project Σ ∢ Σ Σ Σ Σ Σ Σ Σ Σ Σ Σ 4 Tell Con Fits \$14,240,000 \$1,295,000 \$1,500,000 \$1,500,000 \$1,500,000 \$1,000,000 \$1,500,000 \$1,000,000 \$915,000 \$1,000,000 \$480,000 \$1,000,000 \$750,000 \$800,000 **FY14 AFC43 MISSION READINESS** heating and electrical systems to accommodate new century DoD "one plus one" standard. Reconfigure 100 amp breakers. Re-wire residences to include a Base Alameda / Novato Upgrade each housing unit to residential standard Sealed Combustion Hot Water Heaters (48 each) HSG/Lake Louise Duplexes Exterior and Drainage ground circuit. Install individual electric meters. Repair and replace interior finishes as necessary. Reconfigure barracks rooms and update to 21st building layout. Install energy efficient lighting. Novato Hsg Electrical Upgrades Phase 2 of 4-Base Alameda Barracks - Renovate Barracks. Repairs to Martha's Vineyard Housing Project Description CG TRACEN PETALUMA RENOVATE H-COMPLEX (PHASE II) Project latermation **REHAB LAFAYETTE Bidg Envelope BEQ Water Distribution System** HSG REHAB 1952 LGH Units Housing Unit Renovations Housing Unit Renovations UPH Mid-Life Rehab **UPH Renovations** TRACEN YORKTOWN Benefitting / Tenant **BASE MIAMI BEACH FRACEN Cape May** SECTOR SAN JUAN TRACEN Cape May AirSta Cape Cod Base Honolulu Unit Name **BASE KODIAK** AIR STATION **Base Alameda BASE KODIAK** BORINQUEN Housing 32-M03126 Project Number 5016288 5047494 5040933 3578866 5039736 2556777 4368977 4362765 4315363 5047449 5049421 5040597 Priority CPOP 밁 2 ŝ 11 17 3 m 4 ø 7 œ თ

Enclosure (3)

Page 1 of 1

TOTAL:

U.S. Department of Homeland Security

United States Coast Guard



Director of Operational Logistics United States Coast Guard 300 East Main St, Suite 700 Norfolk, VA 23510-9110 Staff Symbol: DOL-1 Phone: (757) 628-4488

5830 31 Mar 2019

#### MEMORANDUM

PAKCOLLEEN MA PARK (D)(5) & (D)(5) & (D) RIE (D)(6) & (D)(7)(C)

From: C. M. Pak, CAPT

- To: J. M. Vojvodich, RADM DCMS-d
- Subj: INVESTIGATION INTO THE USE OF COAST GUARD HOUSING AT WEST CHOP LIGHT
- (a) Convening Order DTD Dec 2018 Ref: (b) Administrative Investigations Ma
  - (b) Administrative Investigations Manual, COMDTINST M5830.1A
  - (c) Safety and Environmental Health Manual, COMDTINST M5100.47B
  - (d) CG Housing Manual, COMDTINST M11101.13G
  - (e) Military Justice Manual, COMDTINST M5810.1F
  - (f) Manual for Courts-Martial, 2016 Ed.
  - (g) Civilian Personnel Actions: Disciplinary, Adverse, and Performance Based Actions, COMDTINST M12750.4A
  - (h) Base Cape Cod Housing Manual, BASECCINST M11101.1

1. Per references (a) and (b), I have conducted a Standard Investigation into the facts and circumstances surrounding the following: (1) the lead abatement and remediation of the Coast Guard housing at West Chop Light; (2) the process and circumstances surrounding its reactivation for use as government-owned family housing; and (3) the procedures used in selecting and assigning members to that housing, including any conditions and restrictions. In accordance with reference (a), no persons were designated as Parties to this investigation, and there is no recommendation to designate any Parties at the conclusion of this investigation. Access to witnesses and evidence was complicated by the furlough of civilian employees from 22 December 2018 to 28 January 2019. In addition, (b)(6) & (b)(7)(C) (former Base Cape Cod Local Housing Officer), CAPT Andrew Clyburn (former Base Cape Cod CO), (b)(6) & (b)(7)(C) (former CEU Providence Technical Director) were not immediately available for interview due to retirement. The requirements of the convening order have been met. (b)(6) & (b)(7)(C) (b)(6) & (b)(7)(C) and (b)(6) & (b)(7)(C) of the CG Legal Services Command (LSC) have also provided advice and assistance in accordance with reference (b).

2. Media interest in this investigation includes a local Martha's Vineyard newspaper and Freedom of Information Act requests have been received. Technical advice has been provided by (b)(6) & (b)(7)(C) and (b)(6) & (b)(7)(C) Labor Relations Specialists at CG-121,  $^{(b)(6) & (b)(7)(C)}$  (b)(6) & (b)(7)(C) Housing Management Specialist, Detached Duty PSC-PSD-fs-Housing, (b)(6) & (b)(7)(C) (b)(6) & (b)(7)(C) Housing Management Specialist PSC-PSD-fs, and CAPT Michael Boley, Deputy Chief Environmental Safety and Health Division, Health, Safety, Work, Life Service Center (HSWL SC).

3. In summary, the investigation concluded the following:

a. In 2015, CEU Providence executed a project to complete lead based paint (LBP) abatement and remediation of the living spaces in both West Chop family housing units. The project corrected "Action" and "Major" level findings as defined by Environmental Risk Assessment (ERA) standards identified in the 2012 Housing Inadequacy Report so that the living spaces had only "Monitor" level findings at the conclusion of construction. CEU did not complete, and did not intend to complete, abatement and remediation of the basements, soils, or exterior structures on the West Chop property which have "Action" and "Major Level" findings by ERA standards. CEU Providence's design decisions regarding abatement were driven by the 2012 Housing Inadequacy Report, consultant assessments, and their application of Coast Guard guidance concerning Housing Urban Development (HUD) and State of Massachusetts, and CERCLA standards depending on whether the houses were being retained or divested. Constraints for AFC43 and EC&R funding were also factors in the abatement decisions.

b. The exigency with which the West Chop housing was needed, the unsustainable costs of leased homes on Martha's Vineyard, and the opportunity for cost savings demonstrated in a business case analysis made reactivating the houses with a short term, AFC-43 project to abate the LBP the preferred solution over a long term, AC&I/PC&I project to construct new homes or purchasing homes with funds from the housing sale account.

c. Assignment and selection of Coast Guard members to the West Chop housing was based on guidance provided in reference (d) and (h) with preference for assignment being given to the STA Menemsha leadership. The high visibility location of the housing required that the occupants reflect positively on the Coast Guard and also was a primary factor. The existence of lead based paint contamination on the West Chop property was not considered.

#### Findings of Fact

On 04 December 2018, the Health, Safety, and Work-Life Service Center, Safety and Environmental Health Division Detachment Boston (HSWL SC se-fo Det Boston), prepared a West Chop Lighthouse Housing - Lead Exposure Health Risk Assessment Report to document an assessment she performed at the site following a dependent's blood lead level exceeding prescribed standards. The assessment included a visual inspection of all the structures on the property, an interview with housing occupants, and dust paint, soil and water sampling. The assessment identified multiple structures on the property with deteriorating lead containing paint and lead contamination of the soil. HSWL SC se-fo Det Boston concluded "the conditions posed a high risk of lead exposure to residents and were the likely source of the Elevated Blood Lead Levels (EBLLs) in the dependent." The dependents' elevated blood lead levels were the catalyst for this investigation. (Exhibits 77, 78 and 86).

#### Lead Abatement and Remediation of the Coast Guard Housing at West Chop Light

- In 1993, Civil Engineering Unit Providence (CEUP) executed a lead paint removal and encapsulation contract at the West Chop housing units on Martha's Vineyard. The work specified included encapsulating plaster and ceilings with new ½" thick gypsum board, stripping interior and exterior woodwork of LBP, and replacing the windows (Exhibits 1, 2, and 80)
- 2. On September 13, 2004, G-SEC (now CG-43) issued policy to the Shore Facility Program requiring Phase II assessments of lighthouse properties being considered for divestiture. The policy discussed the conditions for applying CERCLA or HUD standards depending on the status (residential or non-residential) of the lighthouse property to be divested. Under this policy, the housing at the West Chop Lighthouse property could be considered Target Housing "which requires abatement to a residential standard," and the "more rigorous HUD regulations" applied. (Exhibit 5).
- 3. Even though LBP sampling conducted by Franklin Analytical in 2004 suggested additional testing and abatement may have been warranted, no records or evidence suggested that further action was taken in the 2004-2012 timeframe.
- 4. On 10 July 2012, the Housing Tiger Team performed a condition assessment of the West Chop houses and on 24 August 2012, CG-13 declared the West Chop housing inadequate based on LBP findings and other deficiencies noted in the team's Inadequacy Declaration Report. (Exhibit 6 and 73).
- 5. When the West Chop houses were declared inadequate, CEU Providence began planning for an AFC-43 project to correct the deficiencies. (Exhibit 7)
- 6. The 2013 Environmental Compliance and Restoration (EC&R) project backlog records listed a project for soil remediation at the West Chop property. Prior to 2013, records were not available listing this project on the EC&R backlog. (Exhibit 8, 81)
- The FY14, 05 December 2012, C-POP Board Results listed the Repairs to Martha's Vineyard Housing (Project Number 01-5016288) as the top priority for the Mission Readiness Product Line. The project included the repairs to the West Chop housing deficiencies noted in the Inadequacy Declaration report along with repairs for other Martha's Vineyard housing units that were declared inadequate. (Exhibit 9)
- 8. On 7 January 2013, CEU Providence prepared a Project Development Submittal (PDS) to address the necessary repairs at the West Chop housing units. The overall purpose of the project was "to provide habitable residences for USCG families as defined by respective regulations for the Commonwealth of MA." The document stated the following: "the presence of lead paint... makes the buildings unacceptable for use by children under six and pregnant women." Additionally, "no future assignments can be made at these units until

the deficiencies identified in the (2012) Housing (In)adequacy report have been corrected." Regarding the presence of lead in the soil surrounding the buildings it stated, "Remediation would be required if the lead paint were to occur at locations where the soil is exposed for possible contact. Presently, there are no areas of bare soil at these two locations." (Exhibit 10).

- 9. The PDS for the project was endorsed by SILC (SMC) on 10 January 2013 and approved by COMDT (CG-438) on 6 February 2013 for execution with funds from lighthouse sales proceeds as provided by the National Historic Preservation act. (Exhibits 11, 12 and 13).
- 10. On 30 April 2013, CG-122 (now CG-133) noted the West Chop homes were being considered for divestiture and requested deferral of the repairs "until a review of all options including leasing of additional homes on Martha's Vineyard is complete." Given their request, the proposed repairs were suspended. (Exhibit 14).
- 11. On 05 May 2014, CG-43 forwarded a Decision Memo recommending the West Chop houses be divested. It discussed differences in remediation requirements for the houses based on whether the housing was being divested or retained for use by families. In paragraph 3.a, it stated, "The presence of Lead Based Paint (LBP) on the baseboards, doors, and window trim, as well as the plaster of some walls makes both buildings unacceptable for residential use by children under six and pregnant women." Then paragraph 3b stated, "Divestiture of the property would relieve the Coast Guard of the obligation to abate interior lead paint hazards, but remediation, "The Environmental Liability Project Documentation Sheet, dated 05 June 2012 estimated the cost of the required work to be on the order of \$1,215 for which EC&R funds (the only permissible source of funds) would be needed." (Exhibits 16 and 82).
- 12. In July 2014, CEU Providence contracted a licensed consultant to perform an LBP inspection and risk assessment for the two West Chop houses "to measure the extent of remaining lead hazards and determine if the properties are lead-safe." The consultant found, "With the exception of limited areas with minor LBP damage and some surfaces with elevated lead in dust levels, the housing units are near to a lead-safe condition. Even though many of the surfaces have LBP over the regulatory thresholds, the fact that they are in sound condition would render them lead-safe." With respect to the soils the consultant's Lead Inspection & Risk Assessment Report stated, "Although not an immediate hazard, levels of lead in soil over the acceptable thresholds were found around the perimeter of each house. The soil is currently not a hazard because of sufficient grass ground cover." (Exhibit 17).
- 13. In December 2014, CEU Providence prepared a PDS for AFC43 funds execution to repair and perform LBP abatement at the West Chop Housing. The project purpose was "to enable the Coast Guard to utilize these houses for personnel assigned to Station Menemsha including families with young children." Page 3 of the Request for Proposal (RFP), enclosed with the PDS, stated, "The lead abatement and control standards utilized for this project will be HUD standards, which are used by the Coast Guard and by other Federal

agencies." The scope of work addressed interior abatement (including scope items specific to both houses), exterior abatement, and final lead testing. The specifications and work requirements specified lead abatement products, and the submittals section required the contractor to submit a Lead Abatement Plan and Final Lead Testing Survey including a HUD standard survey. The RFP included the July 2014 Lead Inspection & Risk Assessment Report as a reference. The scope of work and PDS did not include any lead abatement of the basements, exterior soil, or other structures on the site. National Environmental Policy Act (NEPA) documentation was completed for the project and a Categorical Exclusion (CATEX) was issued. (Exhibits 18, 80, 83 and 84).

- 14. On 8 January 2015, SILC endorsed the PDS and on 11 February 2015, CG-438 approved the PDS and project for completion with OE funding. (Exhibits 19 and 20).
- 15. On 19 June 2015, a PDS update increased the project cost. (Exhibit 21).
- 16. On 14 April 2015 the contract to repair the West Chop houses was awarded to TANTARA Corporation. During the course of contract execution, a modification was issued for the contractor to perform additional abatement work that was not included in the company's bid due to misinterpretation of the contract documents. (Exhibits 22 and 23).
- 17. The contractor submitted a Lead Abatement Work Plan in accordance with the contract. (Exhibit 24).
- 18. The IO reviewed a random sample of contractor's daily construction reports, and the reports listed performance of abatement activities in both homes. Base Cape Cod Facilities Engineering (FE) conducted independent site visits and didn't observe any noteworthy discrepancies. (Exhibit 85).
- 19. On 2 December 2015 the contract was completed and on 11 December 2015, the contractor submitted documentation of final testing by a licensed lead inspector and risk assessor. The documentation concluded "properties are now in what could be characterized a lead-safe condition." (Exhibits 25 and 26).
- 20. In 2017, CEU Providence updated the Environmental Project Liability Sheet for the West Chop Light Soil remediation project and cost estimate on the EC&R backlog. (Exhibit 27).
- 21. On 22 August 2018, HSWL SC se-fo Det Boston assessed potential lead exposure sources at the West Chop lighthouse property after a dependent residing in one of the housing units tested for elevated blood lead levels (EBLLs) as part of a routine exam. The assessment included a visual assessment of all the structures on the property, an interview with housing occupants, and dust, paint, soil, and water sampling for lead analysis. The test results showed lead concentrations at the Action and Major findings level on the basement floors of both houses, in the Fog Signal Building, the Garage, the Paint and Oil Locker, and in the soil on the property. Dust wipe samples also revealed actionable concentrations of lead in the children's toy box in one of the bedrooms and on their outdoor toy water table. HSWL SC se-fo Det Boston concluded that the conditions posed a high risk of lead exposure to

residents and the deteriorating LBP dust in the basements, the soil, and the other structures on the site were the likely source of the EBLL in the dependents. (Exhibits 28 and 86).

#### <u>Processes and Circumstances Surrounding the Reactivation of the West Chop Housing</u> <u>Units</u>

- 1. In the 2000's, one of the West Chop Housing units was diverted from the family housing inventory. On 6 May 2009, CG-1223 rescinded the diversion and returned it to the active housing inventory effective 1 July 2009. (Exhibit 30).
- 2. On 24 August 2012, CG-13 declared the West Chop housing inadequate based on LBP and other factors noted in the Housing Tiger Team Inadequacy Report. In total, 4 Martha's Vineyard Housing units were taken out of the family housing inventory. (Exhibit 31).
- 3. The FY14, 05 December 2012, C-POP Board Results listed the Repairs to Martha's Vineyard Housing (Project Number 01-5016288) as the top priority for the Mission Readiness Product Line. (Exhibit 32).
- 4. On 30 April 2013, CG-122 (now CG-133) requested deferral of the West Chop housing repairs "until a review of all options including leasing of additional homes on Martha's Vineyard is complete." Their memo stated they were considering "divestiture of these two homes due to their age, condition, and maintenance needs." (Exhibit 33).
- 5. In June 2013, CG-1223 (now CG-1333) performed an analysis of alternatives for housing on Martha's Vineyard and recommended acquisition of two long-term residential leases in West Chop if viable. CG-1223 presented the analysis in a white paper -Martha's Vineyard Family Housing Review of Alternatives to Renovate Existing, Purchase New, or Lease Family Housing- which concluded, "If it is viable, acquisition of two long-term residential leases is more economical than continued investment in West Chop Quarters and is the recommended alternative. If two leases cannot be acquired, a more detailed review of options to repair West Chop Quarters or build/acquire newer homes is recommended." (Exhibit 34).
- 6. On September 11, 2013 representatives from CG-1223, CG-43, PSC-PDS-fs, CEU Providence, Base Boston Area Housing (AHO), AIRSTA Cape Cod Local Housing (LHO), the CEU Oakland Housing Asset Line (HAL), Sector South Eastern New England (SENE) and STA Menemsha visited the two West Chop housing units. The group focused specifically on the housing units and did not evaluate the other structures or soil on the site. The trip report for the visit noted, "Area and local housing staff and the station OIC say that they either need these two homes renovated and put back in the family housing inventory or else they need two newer homes to replace West Chop Quarters 1 and 2. The 2011 HMSA (Housing Market Survey Analysis) says that the housing rental market on Martha's Vineyard is very tight, but that the economy may be able to accommodate a very small reduction in the Coast Guard's owned inventory. Discussion with CEU Providence and CG-43 real property staff suggest that it may be more economical to renovate these homes and continue to occupy

than it would be to remediate them, divest them through National Historic Light House Preservation Act authorities and acquire newer housing." (Exhibits 35, 87 and 88).

- 7. Between September 2013 and November 2013, e-mails exchanged between the Shore Facility Program and CG-1333 discussed preparation of a CG-43 decision memo that would recommend divestiture of the West Chop housing units if CG-1333 did not have the need for them. At CG-1333's request, PSC-PSD-fs performed a housing analysis and concluded nine housing units are needed on Martha's Vineyard. (Exhibits 36, 37 and 88).
- 8. In April 2014, e-mail is exchanged between D1(drm) and CG-1223 regarding the status of the West Chop Housing project deferral. In reference to the housing situation on Martha's Vineyard, CG-1223 stated "renovations to the remaining owned homes have been delayed and we now have 4 homes out of inventory. Base Boston has worked diligently to acquire leases as an interim measure, but they are hard to find and very expensive." (Exhibit 38).
- 9. On 5 May 2014, CG-43 submitted a Decision Memo to DCMS and CG11 recommending that the West Chop property be added to the Coast Guard's Five Year Shore Divestiture Plan for potential transfer under the National Historic Lighthouse Preservation Act and that two new homes be acquired using the Coast Guard direct purchase authority and funds from the housing sale account. On 16 June 2014, DCMS and CG-1 approved the CG-43 Decision Memo for West Chop divestiture. Comments included that "two new homes or a duplex is reasonable and the West Chop houses should be abated to be sold as offsets." CG-1's endorsement acknowledged that the long term lease costs on Martha's Vineyard are unsustainably high and requested that nine adequate homes be available for assignment by the end of 2015. (Exhibits 39 and 84).
- 10. From 30 April 2014 to 14 May 2014, e-mail is exchanged between Sector SENE, D1, AHO, CG-1333, CG-43, and CEU Providence with reference to the CG-43 Decision Memo. Sector SENE recommended to D1 retaining West Chop housing units and requested intervention from D1 to "stave off potential divestiture." Sector cited challenging (nearly impossible) search for housing meeting the Coast Guard's needs on the island. (Exhibit 40).
- 11. On 25 June 2014, D1 and Sector SENE visit Martha's Vineyard and the West Chop property. (Exhibit 41).
- 12. On 26 June 2014 Sector SENE requested a conference call with CEU Providence, Base Cape Cod Facilities Engineering (FE), and the AHO to discuss options at West Chop housing. The AHO's reply email on 27 June 2014 provided discussion points for the call including continued challenges in obtaining leases on Martha's Vineyard. The e-mail included a draft copy of the CG-43 Decision Memo as an attachment. (Exhibit 41).
- 13. On 2 July 2014, Sector SENE, AHO, CEU Providence, and Base Cape Cod FE hold an "alignment" conference call regarding housing challenges on Martha's Vineyard. According to the meeting minutes, CEU Providence discussed the lead abatement project completed at the West Chop houses in 1993 and that the cost to abate the houses now might be significantly less than initially thought. The minutes emphasized to strongly recommend not

to divest the West Chop units and renovate them instead. Discussion also included that families could be assigned to CG housing with lead paint if they are not pregnant and/or are six years of age or greater. CEU Providence then begins further study of how to proceed with West Chop Quarters 1 and 2. (Exhibits 42, 43 and 47).

- 14. In early September 2014, e-mails exchanged between CEU Providence and the AHO discussed support and market research needed to develop a Business Case Analysis (BCA) for the West Chop houses. The e-mail substantiated consistent occupancy of the West Chop housing up until the inadequacy declaration. (Exhibit 44).
- 15. On 16 October 2014, the AHO prepared a report presenting the results of an informal housing survey of the STA Menemsha members living on the economy with BAH. The survey "validated the continued need for government owned (both UPH and housing) on Martha's Vineyard." Several members indicated inadequate living conditions and arrangements including one living with 6 other people. Others mentioned faulty wiring, and water damage. The report noted several UPH rooms were offline due to being used for storage while the new STA Menemsha Boathouse was being constructed. (Exhibits 45 and 46).
- 16. On 17 October 2014, CEU Providence submitted a request to CG-1333 "to restore the West Chop Housing units to an adequacy standard and return them to the housing inventory until a more suitable and economical solution can be identified on Martha's Vineyard. The request included a BCA "to justify the need to repair the two West Chop Housing units in lieu of divestiture due to excessive lease costs and lack of available housing." The request pointed out, "Restoring the two West Chop housing units also provides more flexibility to the First Coast Guard District and Housing Management Office to best manage family needs and resolve the serious habitability issues recently identified among its single active duty members." The BCA compared the options to lease, purchase new, or remediate the existing housing. The cost benefit analysis demonstrated the renovation project for the West Chop Housing units was the most cost effective option over a 25-year period. Leasing two housing units on Martha's Vineyard was shown to be the least cost effective option. The BCA did not include costs to remediate the soils or other structures on the site. (Exhibits 48, 49 and 83).
- 17. On 21 October 2014 the HAL endorsed the Reactivation Request, but recommended an "AC&I solution be pursued to remedy the functional inadequacies within the Martha's Vineyard housing inventory." SILC also endorsed the request. (Exhibits 50, 51 and 89).
- On 4 February 2015, CG-43 endorsed the Reactivation Request and on 19 February 2015, CG-1333 approved the Reactivation Request and requested the renovation project be completed under the AFC-43 process and in time for assignment year 2016. (Exhibits 52, 53 and 87).
- 19. At the conclusion of the LBP abatement contract, the contractor submitted documentation of final testing by a licensed lead inspector and risk assessor from Environmental Lead Detection. The documentation concluded "the properties are now in what could be characterized a lead-safe condition." (Exhibit 25).

- 20. On 9 March 2016, the Base Boston Area Housing Authority (AHA) requested to rescind the inadequacy declaration at the West Chop Housing units. The request noted that "The homes still contain lead based paint and will require ongoing monitoring." The Environmental Lead Detection letter dated December 11, 2015 stating that "these properties are now in what could be characterized as a lead safe condition" is included as an enclosure. (Exhibits 54 and 90).
- 21. On 10 March 2016, PSC-PSD-fs endorsed the request noting that "both houses should be considered to have findings that require a monitoring level observation." On March 21, 2016 CG-13 rescinded the inadequacy declaration for the West Chop houses. (Exhibits 55 and 88).
- 22. In late March 2016, Area Housing works with CEU Providence to identify data required for entry in HMIS as a result of the completed abatement. (Exhibits 69).

#### Procedures Used in Selecting and Assigning Members to Housing

- 1. According to reference (d) Chapter 1.C.4.d and e, the Local Housing Officer is delegated the responsibility to manage the housing program in accordance with policies, directives and instruction. The Housing Representative manages the housing program in their assigned AOR.
- 2. According to CH.1D of reference (h), family size, grade/rank, date of detachment from previous duty station and date application received generally determines the assignment to MH (military housing).
- 3. The Local Housing Office (LHO) received applications from the members prior to being assigned to the housing, but the applications are not fully populated in the housing office section showing the final determination of eligibility. Applications for only the OINCs were available in the records at the time of this report. (Exhibits 56 and 57).
- 4. Although per reference (d) and CG-1333 the West Chop housing units are not designated as Command Housing, the STA Menemsha senior leadership was historically assigned there with few exceptions. (Exhibits 61, 62, 63, 82, 85, 94 and 95).
- 5. The West Chop property is in a high visibility location on Martha's Vineyard and is occasionally visited by VIPs and photographers due to being co-located with the lighthouse. (Exhibits 85, 94 and 95).
- 6. Witness interviews conflict about the specific details of the selection process for the two West Chop Housing units after the completion of the abatement project. However, it can be concluded that representatives from the AHO, LHO, and STA Menemsha met in mid-March 2016 to put together an initial slate of assignments for all the Martha's Vineyard Housing that would be coming online that assignment season. It was decided that the STA Menemsha

OINC and XPO would be assigned to the West Chop units. (Exhibits 58, 59, 65, 85, 91 and 93).

- 7. At the time, the STA Menemsha OINC was amenable to moving from the CG leased housing he and his family were residing in to the West Chop housing. (Exhibit 93).
- 8. In the Request to Rescind the Inadequacy Declaration, the Area housing authority requested that the housing be used for family housing. The request does not ask for the housing to be converted for use by unaccompanied personnel. (Exhibits 64 and 65).
- 9. With respect to Environmental Risk Assessment (ERA) information, Chapter 4.G.6 of reference (d) discusses that "Housing officers must review, evaluate and update the ERA data in HMIS." Reference (c) provides additional guidance." (Reference (c) listed in the Housing Manual is the Coast Guard Claims and Litigation Manual. This should likely read reference (d) Coast Guard Safety and Health Manual.)
- 10. According to Ch1.J of reference (h), "the Coast Guard is required to notify residents who occupy pre-1981 Coast Guard owned housing of known or suspected asbestos, lead and radon environmental health hazards." The reference further explains the procedures for notifying the residents of known environmental health risks. Reference (h) does not restrict personnel who can be assigned to housing by environmental health risks.
- 11. Per Chapter 25. C.2.c of Reference (c), Responsibilities for Chief, Military Personnel Housing Division, Coast Guard members with "at risk" family members (small child or pregnant women) shall not be assigned to quarters that have Major or Action Level findings.
- 12. On 11 December 2015, the West Chop Housing units were declared by a licensed lead inspector to be in a lead safe condition. (Exhibit 68).
- 13. Records in HMIS did not indicate that LBP at the action or major level existed at the West Chop housing units. (Exhibits 91 and 92).

#### Findings of Fact (Reports)

#### Summary of Lead Based Paint Assessments, Testing, and Reports for the Coast Guard Housing at West Chop Light

1. The Coast Guard contracted for nationwide lead, asbestos and radon assessments of Coast Guard owned housing in the mid to late 1990's. "The primary components of the assessment involved asbestos and lead-based paint surveys of USCG family housing units. Additional testing was conducted for lead-in-water, -dust, and -soils at the housing units." The assessments were conducted by licensed inspectors. Records of this testing for the West Chop Housing units has not been found at the Base Cape Cod Housing office nor on the PSC-PSD-fs environmental assessment repository. (Exhibits 70, 92, 94 and 97).

- 2. On April 17, 2004, a licensed inspector from Franklin Analytical performed a lead inspection of the two West Chop Housing units. The Lead Inspection/Risk Assessment Reports provide X-Ray Fluorescence readings (XRF) of the architectural components of the houses and list if the surface tested was moveable/impacted (M/I), accessible/mouth-able (A/M), loose (L) or not accessible (NA). The report cover page notes "Pb (lead) equal to or greater than 1.0 mg/cm<sup>2</sup> with x-ray fluorescence is dangerous." Many surfaces in both houses have XRF readings greater than 1.0 mg/cm<sup>2</sup>. A few are also noted as M/I, A/M, or L. No contract or procurement records for this service were found, and no records further explaining the readings or recommending action items were found. No records were found that Franklin Analytical sent samples for laboratory analysis. No records were found that Franklin Analytical sampled the soil or other structures on the property for LBP. (Exhibits 71, 81, 94, 96 and 97).
- In 2007 CEUP contracted for Phase I/Phase II investigations for more than a dozen First District (D1) lighthouse properties considered for divestiture including West Chop. The Phase I Environmental Site Assessment (ESA) was to determine if Recognized Environmental Conditions (RECs) were present on the West Chop Light site. The Phase II Limited Site Investigation (LSI) was to sample for common contaminants at lighthouses including lead in soil. One REC was documented: "The historic use of lead-based paint on all structures within the USCG property represents a REC. Lead-based paint tends to chip from buildings in flakes which then causes elevated concentrations of lead within the surrounding soils." Results of the Phase II LSI indicated "the surface soil has been impacted by historic use of lead-based paint to an extent significantly above the U.S. Environmental Protection Agency (EPA) standards." The consultant recommended "additional investigation activities be conducted to fully delineate the extent of lead contamination from historic use of leadbased paint on all Site structures." The report revealed elevated concentrations of lead in the soil with results at the Major, Action and Monitor levels. No records were available demonstrating these results were transferred or communicated to the Housing Office at Base Boston or at AIRSTA/Base Cape Cod. (Exhibits 72, 81 and 91).
- 4. In July 2012, a Health Risk Assessment Report is prepared following the USCG Housing Tiger Team site assessment including representatives from SEHO, the HAL, CG-1223, AHO and LHO. The assessment is conducted on 10 July 2012. The West Chop units are 2 of 9 housing units visited on Martha's Vineyard and are part of a nationwide effort to develop a strategy for managing the Coast Guard's housing inventory. The report documented deficiencies noting paint "behind and/or on the radiators was deteriorated and flaking" in both units. Furthermore, in the West Chop 2 unit, the paint on the wall at the entrance leading to the basement was deteriorated." The 2004 Franklin Analytical test results were referenced. The report recommended that a lead-based paint risk assessor inspect the homes to determine the health risk to occupants and advise of appropriate corrective action. It also recommended that the AHO and LHO visually assess known lead and asbestos containing areas for disturbances annually. The assessment did not include the condition of the soils or the other structures on the site. (Exhibits 73 and 97).

- 5. In October 2012, the "Hazardous Building Material Inspection Report for West Chop 1&2" was prepared by H&S Environmental Consultants for CEU Providence. The purpose of the inspection was to identify and confirm the presence and/or absence of Asbestos Containing Materials (ACMs), Lead Containing Paints (LCPs), and Radon gases in preparation for possible site activities including renovation and/or demolition to the West Chop properties." A licensed lead inspector found building components that contained dangerous levels of lead." Furthermore, many surfaces were found to be M/I, A/M, or have loose/chipping/peeling/deteriorated. The report recommended the surfaces he replaced, covered in encapsulating paint, or made intact. The report did not include an assessment of the soils or the other structures on the property. (Exhibit 74).
- 6. In July 2014, Rhode Island Analytical prepared the West Chop 1/West Chop 2 LBP Inspection & Risk Assessment Report. The goal of the evaluation "was to measure the extent of remaining lead hazards to determine if the properties are lead safe." The inspection was performed by a Massachusetts Licensed Environmental Lead Inspector and Risk Assessor.
  The report's conclusion stated, "There are limited areas with minor to moderate LBP damage and some surfaces with elevated lead in dust levels. Even though the surfaces have LBP over the regulatory thresholds, the fact that they are in sound condition would render them lead safe. Also, "Although high levels of lead were detected around the perimeter of each house, the soil is currently not a hazard because of sufficient ground cover. As long as the covering remains in place, the soil will be considered lead-safe." The report included laboratory results for paint chip sampling, interior dust sampling and soil sampling. The report did not address the condition of other structures on the site. This report was e-mailed from CEU Providence to the AHO on 25 January 2016 and as part of larger attachment of test results and scopes of work. (Exhibits 69, 75, 79 and 80).
- 7. On December 11, 2013 Environmental Lead Detection prepared a report to the contractor that "on August 3, 2015 a licensed Inspector/Risk Assessor had visually surveyed the lead abatement work conducted at the West Chop houses and it was determined that all surface treatments had been satisfactorily completed as detailed in the Lead Abatement Work Plan." On Octoher 21, 2015 and again on October 27, 2015 the inspector conducted post abatement clearance dust wipe sampling. The letter concluded, "These properties are now in what could be characterized as a lead safe condition. In order that this lead safe condition be maintained, surfaces that were covered as an abatement method must remain covered." The letter does not address the other structures on the site or the soils. The letter is included with the request to rescind CG-13's inadequacy report so is seen by many. (Exhibit 76).

**Opinions** 



# (b)(5)

(b)(5)

(b)(5)

(b)(5)

This investigation is closed unless otherwise ordered. If additional information is required, please contact me at  $\binom{(b)(6) \& (b)(7)(C)}{and}$  (b)(6) & (b)(7)(C)

#

Exhibits:

(1) Project Drawings: Lead Paint Removal & Miscellaneous Work at Light Keepers Quarters, West Chop, MA

(2) Meeting Minutes: Conference Call – CG Housing on Martha's Vineyard 2 July 2014

(3) Not used (4) Not used

(5) G-SEC Memo 05090 of 13 Sep 2004 (Lighthouse Property Divestiture Policy)

(6) CG-13 Memo 11101 of 24 Aug 2012 (D1 Housing Inadequacy Declaration) (7) E-mail between (b)(6) & (b)(7)(C) (CGD ONE (drm)) and (b)(6) & (b)(7)(C) CGD ONE (dm) and trailing e-mails.

(8) U.S. Coast Guard Restoration Project Work 2013 E-POP (Environmental Compliance & Restoration) Spend Plan

(9) CG SILC Memo 11000 of 9 Jan 2013 (2014 AFC-43 C-POP Results)

(10) CG CEU Providence Memo 11000 of 07 Jan 2013 (Project Development Submittal West Chop Housing Units)

(11) CG SMC Memo 11000 10 Jan 2013 (PDS Endorsement)

(12) CG-438 Memo 11000 of 6 Feb 2013 (PDS Approval)

(13) E-mail between (b)(6) & (b)(7)(C)(CG-438) and (b)(6) & (b)(7)(C)(CG SILC) of 30 Jan

2013 (Project execution with lighthouse funds)

(14) CG-122 Memo 11101 of 30 Apr 13 (CG-122 Deferral Request)

(15) Not used

(16) CG-43 Memo 11000 of 05 May 2014 (CG-43 Decision Memo)

(17) West Chop 1/West Chop 2 LBP Inspection & Risk Assessment Report (excerpt) (18) CG CEU Providence Memo 11000 of 02 Dec 2014 (excerpt) (Project Development Submittal)

(19) CG SILC end 11000 of 08 Jan 2015 (PDS Endorsement)

(20) CG-438 Memo 11000 of 11 Feb 2015 (PDS Endorsement)

(21) CG CEU Providence Memo 11000 of 19 Jun 2015 (PDS Update)

(22) CG CEU Providence Ltr 4280 of 14 Apr 2015 (Contract Award)

(23) Modification 0001 Scope of Services for Repair West Chop Housing – Martha's

Vineyard and Amendment of Solicitation/Modification of Contract

(24) Lead Abatement Work Plan

(25) Environmental Lead Detection Ltr of 11 Dec 2015

(26) CGBI Project Detail Report: Repair West Chop Housing

(27) Real Property Environmental Liability Project Documentation Sheet

(28) CG HSWL SC (se-fo) Det Boston Memo 5100 of 04 Dec 2018 (West Chop Lead

Exposure Health Risk Assessment and Test Results)

(29) Not Used

(30) CG-1223 Memo 11101 of 06 May 2009 (Rescind Diversion of Government Housing)

(31) CG-13 Memo 11101 of 24 Aug 2012 (D1 Housing Inadequacy Declaration)

(32) CG SILC Memo 11000 of 9 Jan 2013 (2014 AFC-43 C-POP Results)

(33) CG-122 Memo 11101 of 30 Apr 13 (CG-122 Deferral Request)

(34) Martha's Vineyard Family Housing: Review of Alternatives to Renovate Existing, Purchase New, or Lease Family Housing

(35) Trip Report 9-12 September 2013 (36) E-mail between<sup>(b)(6) & (b)(7)(C)</sup>(PSC-PSD-fs) and (b)(6) & (b)(7)(C)(CG-1223) of 20 Nov 2013

(37) Table A - Housing Requirements Analysis - STA Menemsha 21 Oct 2013

(38) E-mail between (b)(6) & (b)(7)(C)(CG-1223) and (b)(6) & (b)(7)(C)(CGD One (drm)) documenting difficulty finding leases

(39) CG-43 Memo 11000 of 05 May 2014 (CG-43 Decision Memo)

(40) E-mail between CAPT Regan and CAPT Kondratowicz (Sector SENE) of 14 May

2014 documenting challenging housing situation (41) E-mail between (b)(6) & (b)(7)(C) (CG Base Boston Housing) and CAPT Kondratowicz (Sector SENE) and (b)(6) & (b)(7)(C) (CEU Providence) of 27 Jun 2014 and trailing e-mails documenting D1 visit to West Chop and challenging housing situation)

(42) Meeting Minutes: Conference Call CG Housing on Martha's Vineyard 2 July 2014
 (43) E-mail between (b)(6)(6)(7)(C) (CG Sector SENE) and Meeting attendees of 3 Jul

2014 forwarding the conference call meeting minutes

(44) E-mail between (b)(6) & (b)(7)(C)(CG Base Boston Housing) and (b)(6) & (b)(7)(C) (CEU Providence) of 03 Sep 2014 and trailing e-mails requesting BCA supporting information.

(45) E-mail between (b)(6) & (b)(7)(C) (CG Base Boston Housing) and (b)(6) & (b)(7)(C) (CG Base Cape Cod Housing) and (b)(6) & (b)(7)(C)(STA Menemsha) of 16 Oct 2014

(46) Martha's Vineyard Housing Survey

(47) AFC43 Project/Real Property Update "Coast Guard Housing Martha's Vineyard, MA)

(48) Business Case Analysis Coast Guard Housing Martha's Vineyard, MA

(49) CG CEU Providence Memo 11010 of 17 Oct 14 (Request to Reactivate the West Chop Housing

(50) CG CEU Oakland end 11010 of 21 Oct 2014 (Reactivation Request Endorsement) (51) CG SILC end 11010 of 27 Oct 2014 (Reactivation Request Endorsement)

(52) CG-43 Memo 11010 of 04 Feb 2015 (Reactivation Request Endorsement)

(53) CG-1333 Memo 11010 of 19 Feb 2015 (Reactivation Request Approval)

(54) CG Base Boston Memo 11101 of 09 Mar 2016 (Request to Rescind Inadequacy Declaration)

(55) CG-13 Memo of 21 March 2016 and CG PSC-PSD-fs end 11101 of 10 Mar 2016 (Endorsement and Approval of Request to Rescind Inadequacy Declaration)

(56) Form CG-5267 submitted 18 Dec 2013

(57) DD Form 1746 submitted 04 Dec 2017 (58) E-mail between (b)(6) & (b)(7)(C) (CG Base Cape Cod Housing) and CAPT Pak (CG-DOL) of 05 Mar 2019

(59) É-mail between CAPT Millican (Base Boston) and (b)(6) & (b)(7)(C)(CGD One) of 01 Mar 2016

(60) Not used

(61) E-mail between (b)(6) & (b)(7)(C) (CG Base Cape Cod Housing) and CAPT Pak (CG-DOL) of 01 Mar 2019 regarding command housing designations

(62) E-mail between (b)(6) & (b)(7)(C)(CG-1333) and CAPT Pak (CG-DOL) of 28 Feb 2019 regarding command housing designations

(63) CG Designated Command Housing

(64) CG Base Boston Memo 11101 of 09 Mar 2016 (Request to Rescind Inadequacy Declaration)

(65) CG-13 Memo of 21 March 2016 and CG PSC-PSD-fs end 11101 of 10 Mar 2016 (Endorsements)

(66) Not used

(67) Not used

(68) Environmental Lead Detection Ltr of 11 Dec 2015 (69) E-mail between <sup>(b)(6)</sup> & <sup>(b)(7)(C)</sup>(CEU Providence) and <sup>(b)(6)</sup> & <sup>(b)(7)(C)</sup>(Base Cape Cod Housing) and E-mail between <sup>(b)(6)</sup> & <sup>(b)(7)(C)</sup>(Base Cape Cod Housing) and <sup>(b)(6)</sup> & <sup>(b)(7)(C)</sup>(C) (BASE Boston Housing) regarding HMIS updates

(70) Lead, Asbestos, & Radon Assessment Report No. 18 of February 1997 (excerpt) and Lead, Asbestos, & Radon Assessment Report #49 of May 1999

(71) Lead Inspection/Risk Assessment Report by Franklin Analytical Services 13 Apr 2004

(72) Phase I/II Environmental Site Assessment Report West Chop Light March 2008

(73) CG HSWL SC (se-fo) Det Boston Memo 5100 of 11 Aug 2012

(74) Hazardous Building Material Inspection report for West Chop 1 & 2 October 2012

(75) Rhode Island Analytical West Chop 1/West Chop 2 LBP Inspection & Risk

Assessment Report 31 Jul 2014

(76) Environmental Lead Detection Ltr of 11 Dec 2015

(77) CG HSWL SC (se-fo) Det Boston Memo 5100 of 04 Dec 2018 (West Chop Lead Exposure Health Risk Assessment)

(78) EMSL Analytical Inc. Test Report 22 Aug 2018 (79) E-mail between (b)(6) & (b)(7)(C) (CG Base Cape Cod Housing) and CAPT Pak (CG-DOL) of 05 Mar 2019

(80) Summary of Interview –	D)(D) & (D)(T)(C)
(81) Summary of Interview	(b)(6) & (b)(7)(C)
(82) Summary of Interview –	CAPT Smith II
(83) Summary of Interview -	CAPT Roschel
(84) Summary of Interview –	D)(0) & (D)(7)(C)
(85) Summary of Interview –	(b)(6) & (b)(7)(C)
(86) Summary of Interview	$(b)(b) \otimes (b)(7)(C)$
(87) Summary of Interview –	(b)(b) & (b)(7)(C)
(88) Summary of Interview	(b)(6) & (b)(7)(C)
(89) Summary of Interview $-6$	CAPT Gesele
(90) Summary of Interview –	CAPT Millican
(91) Summary of Interview –	D)(6) & (D)(7)(C)
(92) Summary of Interview	(D)(O) & (D)(7)(C)
(93) Summary of Interview	(b)(6) & (b)(7)(C)
(94) Summary of Interview –	(b)(6) & (b)(7)(C)
(95) Summary of Interview –	(b)(6) & (b)(7)(C)
(96) Summary of Interview	(b)(b) & (b)(7)(C)
(97) Summary of Interview	u)(b) & (b)(7)(C)

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## West Chop Light Housing Investigation

# Exhibit (2)

Withheld all 3 pages under FOIA Exemptions 5, 6, & 7(C)
## West Chop Light Housing Investigation

# Exhibit (3) Not Used

## West Chop Light Housing Investigation

# Exhibit (4) Not Used

U.S. Department of Homeland Security

United States Coast Guard



Commandant United States Coast Guard 2100 Second Street, S.W. Washington, DC 20593-0001 Staff Symbol: G-SEC-3 Phone: (b)(6) & (b)(7)(C) Fax: (202) 267.4219 Email: (b)(6) & (b)(7)(C)

05090 SEP 1 3 2004

### MEMORANDUM

From:

Josef Mante APT Jay Manik G-SEC

Reply to Attn of:

(b)(6) & (b)(7)(C)

To: Distribution

Subj: LIGHTHOUSE PROPERTY DIVESTITURE POLICY: PHASE 2 ENVIRONMENTAL SITE ASSESSMENT REQUIREMENT

Ref: (a) CERCLA 120 (h) (42 U.S.C. § 9620(h)) (b) Real Property Asset Management Manual, COMDTINST M11011.10

1. Knowledge of the Coast Guard's past practices of blasting and/or using solvents to remove lead based paint (LBP) from exterior surfaces of lighthouse structures suggests the likelihood of a release of lead to the surrounding soil. Consequently, it shall be Coast Guard policy to conduct Phase II level soil sampling to determine whether actionable levels of CERCLA/TSCA substances exist in the soil of lighthouse properties being reported excess to GSA or otherwise transferred from the Coast Guard inventory.

2. If contaminated by CERCLA/TSCA substances, and if the property is to be conveyed to a non-Federal entity, the Coast Guard shall remediate the contamination using EC&R funds or, in coordination with the disposal agency,<sup>1</sup> establish an acceptable land use control (*e.g.*, deed restriction) that is protective of human health and the environment. In the case of the property's transfer to another Federal agency, CERCLA is not triggered and the extent of any remediation is then a matter of negotiation between the Coast Guard and the transferce agency. Of course, if the other agency agrees, the Coast Guard may transfer the property "as is."

3. Because we have institutional knowledge of past maintenance practices at lighthouse properties, the Coast Guard must conduct a Phase II sampling of all lighthouse properties being reported as excess property to GSA unless there is clear evidence that no releases of contaminants has taken place. Lighthouses located upon submerged lands or upland terrain that has no soil are exempt from this Phase II requirement.

4. Guidance in the form of a decision tree is attached in the event that contamination is found. Options include land use controls mandated via deed restrictions (in coordination with the

<sup>&</sup>lt;sup>1</sup> Per a memorandum issued on 16 October 1998, GSA concluded that landholding agencies do not have authority to encumber the title to land under their administrative control with restrictive covenants, such as land-use restrictions, and that only GSA could take such an action. An exception occurs when the landholding agency has statutory authority to act as a real property disposal agency (usually in regard to a specific property)—under those circumstances, the DHS/Coast Guard may encumber the property's title with a restrictive covenant.

disposal agency); transfer to another federal entity who undertakes remediation; remediation before transfer by the Coast Guard; or, use of the reference (a) early transfer authority, that allows conveyance of contaminated property, with future cleanup to be paid directly by the Coast Guard.

5. Questions have been raised whether certain lighthouse properties can be characterized as residential properties. Such a status would make the property subject to the more rigorous HUD regulations, if such property can be further characterized as target housing (see subsection II.E., chapter 3 of reference (b), which is available on-line at <a href="http://cgweb.uscg.mil/g-c/g-ccs/g-cit/g-cim/directives/CIM/CIM\_11011\_10.pdf">http://cgweb.uscg.mil/g-c/g-ccs/g-cit/g-cim/directives/CIM/CIM\_11011\_10.pdf</a>). Target housing requires abatement to a residential standard. It shall be Coast Guard policy to consider all lighthouse properties as non-residential properties, unless the lighthouse property, or a part thereof, falls within either of the following categories:

a. the property, or a part thereof, is used as military family housing, a primary or elementary school, or child daycare/development center on the date that the Coast Guard reported the property excess to GSA or otherwise conveyed or transferred the property; or

b. the property will be transferred to another armed service under Title 10, United States Code, and that property, or a part thereof, will be used by the other service as military family housing, a primary or elementary school, or child daycare/development center (the primary responsibility for abatement in this case can be imposed upon the transferee agency).

#

Enclosures: (1) LPB Sampling Decision Tree

Dist: MLC LANT (l), (s) MLC PAC (l), (s) CEU Cleveland CEU Honolulu CEU Juneau CEU Miami CEU Oakland CEU Providence

2



U.S. Department of Homeland Security United States Coast Guard

Commandant United States Coast Guard 2100 2<sup>IIII</sup> Street S.W. Stop 7801 Washington, DC 20593-7801 Staff Symbol: CG-13 Phone: (202) 475-5420 Fax: (202) 475-5940

11101

AUG 2 4 2012

### MEMORANDUM From: S.E. Day, RADM Acting COMDT (CG-13)

Reply to CG-122 Attn of: CAPT Prestidge (202) 475-5360

To: CGD ONE

Subj: DECLARATION OF INADEQUATE QUARTERS

Ref: (a) Excerpts from Housing Adequacy Report of 13 Aug 2012

1. Based on the findings reported in reference (a), 20 housing units located in the First District were determined inadequate for occupancy. These units include:

- a. Four units in Martha's Vineyard, MA (West Chop Light Units 1 and 2, 33 Bernard Circle and 62 Pontiac Street)
- b. All 15 units in Bedford, MA
- c. One UPH unit in Jonesport, ME (9 Ferry Street)
- 2. This inadequate declaration is based in part on the following factors:
  - a. Martha's Vineyard homes: Lead based paint deterioration, moisture/mold/mildew problems in basements and living spaces, deficient wiring, and foundation settlement.
  - b. Bedford homes: Lead solder in water pipes, mold/moisture/mildew, generally poor physical condition and outdated fixtures and finishes.
  - c. Jonesport UPH: Foundation settlement, moisture infiltration in basement, rotten windows and exterior finishes, generally poor physical condition and outdated fixtures and finishes.

3. Three of the aforementioned homes are currently occupied. Residents must be relocated to alternate housing at government expense. The local housing office is authorized to acquire Coast Guard leased housing for members unable to find acceptable alternative housing.

### 11101 AUG 2 4 2012

4. No future assignments shall be made to the houses identified in paragraph 1 until this declaration is rescinded. CG BASE Boston may request this declaration be rescinded by submitting a written request to CG-13 after the habitability deficiencies identified in reference (a) have been corrected.

#

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EPH CITY X VRLAGE	****		ial Housing Assessment   Adequacy Determinations   12 July 2012	

# Martha's Vineyard, MA

station housing needs. Four houses are located in Oak Bluffs, MA and five houses are located in Vineyard Haven, MA. A HMSA conducted in Station Menemsha has 9 houses in the local community to support November 2011 demonstrated a need to maintain housing for the forecasted future to support this station.

has been updated to reflect discrepancies that have been corrected and newly discovered at the time of the tiger team visit. The net result after projects that have addressed some of the discrepancies. The report Assessment, the housing maintenance staff has completed local the updates is that units remain in the top tier for investment. Since the October 2011 visit as part of the National Housing

(b)(6) & (b) (7)(C) agreed that all of the units need investment at the soonest opportunity. After a thorough investigation, the team reached a occupancy by Coast Guard personnel. All of the team members also On 10 July the tiger team visited the housing site. The members and unanimous decision that four of these units are not adequate for (b)(6) & (b)(7)(C) (leader), Mission Support (b)(6) & (b)(7)(C) included



# Martha's Vineyard, MA

general malaise with these housing units. A full understanding of the adequacy of these units cannot be determined by this In addition to the level 1 discrepancies below, there are 24 other level 2 and 3 discrepancies that contribute to the desktop review.

The tiger team conducted a thorough evaluation of the units: discrepancies will be developed for insertion to the FY13 Cactions at one units could occur rapidly enough to keep the moisture issues, environmental concerns, size issues, and overall condition. 2 families would be displaced, corrective Of 9 units, 5 units were determined to be adequate and 4 units recommended as inadequate based on foundation family in the unit. A project to invest in correcting the POP or presentation to the FY14 C-POP.

Level 1 Findings

Standard Description	condition	tion	ture	tion	kset	ocation	CI	
	Exterior window	Foundation condi	Foundation moist	CO detector locat	Exterior door locl	Smoke detector lo	Laundry sink GF6	Roofleaking
Rating	RED	RED	RED	RED	RED	RED	AMBER	AMBER



Internal CG Use Only | National Housing Assessment | A



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been impacted. Additionally the entire house should be thoroughly evaluated against the original report to ensure that all LBP is intact. Significant electrical issues were discovered and immediately repaired by the local housing West Chop Unit 1, Housing Unit (HU) #G010365, Real Property Unique Identifier (RPUID) #7598. The team areas be immediately repaired encapsulating the LBP and the occupants be tested to ensure that they have not areas in the basement and the areas directly behind the heating radiators. The team recommends that these found damaged Lead Based Paint (LBP) areas. During the inspection these areas appeared to be isolated to staff that included melting of wiring. The electrical system needs to be brought up to current codes. . ອ

b. West Chop Unit 2, HU #G010366, RPUID #7600. The primary reason for the determination of inadequacy is environmental issues concerning LBP. There are several areas that have widespread damaged LBP throughout the house that should be remediated and encapsulated prior to occupancy. Similar electrical system to unit number1, thus it is recommended that the electrical systems needs to be brought up to current codes. c. 62 Pontiac Street, HU #G010349, RPUID #7739. The level 1 issues, noted in the attached, have a significant mildew issues. The level 1 issues, coupled with the significant number of lesser issues, lead to recommending enough to safety and quality of life in this housing unit. These issues include the window condition, mold and this unit as inadequate.

therefore the occupants are living below their bedroom requirement. Foundation moisture issues are prevalent creating air quality concerns. Foundation cracking is significant. Small oil leak or spill needs cleaned up and d. <u>33 Bernard Circle, HU #G010355, RPUID #7735</u>. One bedroom is below the minimum size standard; monitored to ensure that it is not a leak.

# Further Recommendations.

(1) The team recommends significant investment in all housing at Martha's Vineyard to correct as many of the discrepancies as practicable.

Recommend the Bernard Circle house be considered a two bedroom house. (2)

# Bedford, MA

The tiger team conducted a thorough evaluation of the units: Of 15 units, all 15 were recommended as inadequate based currently vacant and no families will be displaced. A HMSA business case has been developed to divest these houses on environmental concerns and overall condition. All are exists for the area showing these are not needed and a and is being routed for approval.





Internal CG Use Only | National Housing Assessment | Adequacy Determinations | 12 July 2012

# Jonesport, ME

It is recommended that these units be evaluated for adequacy recommended, based upon the evaluation of the sites, a CEU Providence structural engineer conduct a thorough evaluation foundation system and supporting beams and columns. or possibly be considered two bedroom units. It is also of the 9 Ferry Street unit to evaluate the safety of the

Level 1 Findings case to divest this single house will be developed. Due to their of the foundation, environmental issues, and overall condition. unit recommended as inadequate based the structural safety The tiger team conducted a thorough evaluation of the units: construction, the building envelops of the remaining houses Of 12 units, 11 units were determined to be adequate and 1 are not worth rehabilitating and the asset line and housing This will displace 4 unaccompanied members. A business staffs will work with the CEU to seek FY14 AC&I funds recapitalize this housing.



Internal CG Use Only | National Housing Assessment | A MRF



Rating	Standard Description
<b>ED</b>	Significant moisture infiltration through the foundation
tED	Overall size of the housing unit
tED	Location and installation of smoke detectors
(ED	Structural condition of floors and roof
LED	Settlement, cracking, and unevenness in the foundation
MBER	HVAC control system and distribution
MBER	Exterior wall cracking and damage

## West Chop Light Housing Investigation

# Exhibit (7)

Withheld all 2 pages under FOIA Exemptions 5, 6, & 7(C)



071000d Bar / 0500-Et NSd /#



56-57-1 0500-ET NSd 64



\$6-37-1





U.S. Department of Homeland Security

United States Coast Guard



Commander United States Coast Guard Shore Infrastructure Logistics Center 300 East Main Street, Suite 800 Norfolk, VA 23510-9104 Staff symbol: (esd) Phone: (b)(6) & (b)(7)(C) Fax: (757) 628-4322

11000 JAN 9 2013

MEMORANDUM J. M. HEINZ, CAPT From CG SILC To: Distribution

Reply to (b)(6) & (b)(7)(C) Attn of:

Subj: FY14 CENTRALIZED AFC-43 PROJECT PRIORITIZATION BOARD RESULTS

Ref: (a) AFC-43 Centralized Planned Obligation Prioritization (C-POP) Process Guide, SILC-36-11 21 24 31-10/20110222

1. Thank you for your participation during the Centralized Planned Obligation Prioritization (C-POP) Board for the FY14 AFC43 program. The C-POP Board was held December 4-5, 2012; the process followed the procedures identified in reference (a).

2. Enclosures (1), (2), (3), and (4) are the FY14 AFC43 C-POP Board results for the Tactical Operations, Strategic Operations, Mission Readiness, and Mission Support Product Lines, respectively. Enclosure (5) is the CPOP distribution broken down by Product Line, project driver, and Tier.

3. CEUs and HQFEs shall begin designing the listed projects in preparation to make awards as early as possible in FY14, striving for  $1^{st}/2^{nd}$  quarter awards. The Insert C-POP meeting to be conducted in June, 2013, will afford an opportunity to review the approved lists to ensure that projects are on track for award and to identify any emerging requirements that may need to be considered for action in FY14. While the lists may be adjusted at the Insert C-POP meeting, the objective will be to minimize changes to enable efficient and effective delivery of these requirements.

4. This C-POP meeting continued to build on the Product Line and Asset Line responsibilities. This approach aligns with the Product Line Management cornerstone of the Coast Guard's Business Model and yields an enhanced enterprise-wide view of facility maintenance needs. Input from District and Area Planners and the Headquarters Unit Facility Engineers in the development of the Product Line priorities was critical to insure operational impacts of the proposed projects were fully understood and presented by the Product Line Managers.

5. The panel used the Product line priorities as a starting point in their deliberations. The panel developed the approved lists by reviewing and discussing the projects recommended by the Product Line Managers, the category 2 projects prioritized in the FY13 AFC43 lists, and the remaining unprioritized projects. This C-POP meeting varied from previous sessions by not creating a category 2 on the FY14 AFC43 project lists. This decision was based on the understanding that category 2 did not necessarily guarantee a project to be prioritized for the next fiscal year and that the FY+1 list is created far enough in advance of any budget forecasts.

### Subj: FY14 CENTRALIZED AFC-43 PROJECT PRIORITIZATION BOARD RESULTS

6. During deliberations, the costs for a few projects were modified to either phase the project or more accurately define project cost:

- a. TRACEN Petaluma Renovate H-Complex Phase II: Project cost reduced from \$1.9M to \$1M to phase the project further.
- b. Base Seattle Piers 36A, 26B, and 37 Structural Repairs: Project cost reduced from \$2.3M to \$2.1M to more accurately define scope of work.

7. The following projects were approved for local execution, pending funds availability without centralized funding. The indicated estimates should be viewed as not to exceed amounts and funding in excess of these would require additional SILC approval.

- a. STA Annapolis Construct Boat Ramp: This is a \$200K improvement project to construct a new boat ramp. Scope of this project should be reviewed to determine compliance with COMDTNOTE 11010 dated 02 Nov 2012.
- b. CG Academy Install Security Locks on Exterior Doors: This is a \$475K alteration project to install electronic locks on all exterior doors of Chase Hall, cadet/officer candidate barracks.
- c. Base Kodiak Construct Fire Training Facility: This is a \$650K improvement project to construct a firefighting training facility to meet the requirements for the local fire department.
- d. STA Grays Harbor New WPB Shore Tie: This is a \$200K improvement project to install new 440 VAC, 3-phase, 100 amp electrical service at STA Grays Harbor which is frequent mid-patrol stop for 9 D13 WPBs.
- e. STA Yaquina Bay New WPB Shore Tie: This is a \$200K improvement project to install new 440 VAC, 3 phase, 100 amp electrical service at STA Yaquina Bay which is frequent mid-patrol stop for 9 D13 WPBs.
- f. AIRSTA Clearwater Construct New Fuel Farm Lab: This is a \$250K compliance project to upgrade the fuel farm trailer at AirSta Clearwater by adding fuel testing equipment, cross-ventilation, eyewash station, grounding straps and a sink in order to meet the requirements of the CG Aviation Fuel Handling Procedures Process Guide.
- 8. A number of projects proposed for central funding involve requirements that have pending cross-program review and concurrence at headquarters. CG-43 has initiated a number of teams to develop standards to resolve the issues identified below. These projects will be considered for centralized funding as corporate support requirements are defined:
  - a. Small Arms Firing Ranges: These projects will be revisited in the spring when the requirements have been better defined by the Team.

### Subj: FY14 CENTRALIZED AFC-43 PROJECT PRIORITIZATION BOARD RESULTS

Tactical Operations Product line Manager will work with servicing CEU to determine if the project satisfies these criteria. If so, it should be submitted to the Centralized Configuration Board (CCB) for approval for local execution without centralized funding.

c. TISCOM – Upgrade Power and Install HVAC in Shipping & Receiving: Unit FE will research requirements for equipment storage. Once requirements are clearly defined, this project should be submitted to the CCB for approval for local execution without centralized funding.

9. I appreciate your engagement during the execution of the AFC43 prioritization process. My staff will use lessons learned and the feedback you provided to continue to streamline our process.

10. My point of contact for the AFC43 C-POP process is (b)(6) & (b)(7)(C) at  $^{(b)(6) \& (b)(7)(C)}$ 

Distribution COMDT (CG-43), (CG-7412), (DCMS-8) CG PACAREA (PAC-8) CG LANTAREA (LANT-8) CG CEU Oakland CG CEU Honolulu CG CEU Honolulu CG CEU Juneau CG CEU Leveland CG CEU Cleveland CG CEU Miami CG CEU Providence CGD ONE (dcs) CGD FIVE (dcs) CGD SEVEN (dcs) CGD EIGHT (dcs) CGD NINE (dcs) #

CGD ELEVEN (dcs) CGD THIRTEEN (dcs) CGD FOURTEEN (dcs) CGD SEVENTEEN (dcs) CG Academy CG TRACEN Petaluma CG TRACEN Cape May CG TRACEN Yorktown CG Yard CG FDCC CG TISCOM CG ATC Mobile FY14 AFC43 05DEC 2012 C-POP Board Results

# FY14 AFC43 MISSION READINESS PROJECTS:

						_									
	Tier	2	N	2	2	2	≥	N	=	≡	≡	≡	N	≡	
	Asset Line	HSG	HSG	HSG	HSG	HSG	HSG	HSG	HSG	HSG	HSG	HSG	TRNG	HSG	
	Project Driver	Μ	А	ω	Μ	Σ	Μ	Μ	Μ	W	Μ	Μ	Μ	A	
	Total Cost Est \$	\$1,295,000	\$480,000	\$1,500,000	\$1,500,000	\$1,000,000	\$1,500,000	\$1,500,000	\$915,000	\$750,000	\$1,000,000	\$800,000	\$1,000,000	\$1,000,000	611 710 000
Project Information	Project Description	Repairs to Martha's Vineyard Housing	Sealed Combustion Hot Water Heaters (48 each)	Novato Hsg Electrical Upgrades Phase 2 of 4- Upgrade each housing unit to residential standard 100 amp breakers. Re-wire residences to include a ground circuit. Install individual electric meters.	HSG/Lake Louise Duplexes Exterior and Drainage	HSG REHAB 1952 LGH Units	Housing Unit Renovations	Housing Unit Renovations	REHAB LAFAYETTE Bldg Envelope	BEQ Water Distribution System	UPH Renovations	UPH Mid-Life Rehab	RENOVATE H-COMPLEX (PHASE II)	Base Alameda Barracks - Renovate Barracks. Reconfigure barracks rooms and update to 21st century DoD "one plus one" standard. Reconfigure heating and electrical systems to accommodate new building layout. Install energy efficient lighting. Repair and replace interior finishes as necessary.	FY14 AFC43 MISSION READINESS
	Benefitting / Tenant Unit Name	AirSta Cape Cod	TRACEN Cape May	Base Alameda / Novato Housing	BASE KODIAK	<b>BASE KODIAK</b>	AIR STATION BORINQUEN	SECTOR SAN JUAN	TRACEN YORKTOWN	Base Honolulu	<b>BASE MIAMI BEACH</b>	TRACEN Cape May	CG TRACEN PETALUMA	Base Alameda	
	Project Number	5016288	5047494	5040933	3578866	2556777	4368977	4362765	4315363	2039736	32-M03126	5047449	5049421	5040597	
	CPOP Priority	1	2	ŝ	4	5	9	7	8	6	10	11	12	13	

Enclosure (3)

Page 1 of 1

\$14,240,000

TOTAL:

U.S. Department of Homeland Security

United States Coast Guard



Commanding Officer United States Coast Guard Civil Engineering Unit Providence 300 Metro Center Blvd Warwick, RI 02886 Staff Symbol: 1ML Phone: (401) 736-1714 Fax: (401) 736-1703 (b)(6) & (b)(7)(C)

11000

Reply to

Attn of:

07 JAN 2013

b)(6) & (b)(7)(C

ME (b)(6) & (b)(7)(C)

From:

CG CEU Providence

To: COMDT (CG-43)

- Thru: CG SMC Seattle
- Subj: PROJECT DEVELOPMENT SUBMITTAL (PDS) FOR WEST CHOP HOUSING REPAIRS, WEST CHOP 1 & 2, VINEYARD HAVE, MARTHA'S VINEYARD, MA, PSN 4967978
- Ref: (a) COMDTINST M11000.11A, CIVIL ENGINEERING MANUAL
   (b) ALCOAST R 112014Z JAN 11, FINANCIAL GUIDANCE FOR EXECUTION OF AFC-43 FUNDING
  - (c) CG-43 MEMO DATED 05 OCTOBER 11, AFC-43 PROCEDURE CHANGES FOR PROJECT APPROVALS, DOCUMENTATION AND OVERSIGHT CONTROLS COMDT COGARD WASHINGTON DC 112014Z JAN 11/ALCOAST 012/11, CG-8, COMDTNOTE 7130
- 1. In accordance with reference (a), request approval of the subject project using AFC-43 funds for FY13 execution. PSN 4967978 is a FY13 AFC-43 project.
- 2. The total project cost estimate is \$746,000 for both units. Based on a cost estimate over \$50,000 for a housing unit, a PDS submission is required.
- Enclosures (1) (9) are submitted for the subject PSN. Enclosures (2) and (3) have been prepared per references (b) and (c) and show that no OE violations exist. The project consists of Maintenance (M), Code (C) and Demolition (D) components. The subject project remains appropriately funded using AFC43.
- 4. The subject project consists of lead paint and asbestos abatement, replacing windows and upgrading electrical at both properties. The kitchen at West Chop 1 will be updated.
- 5. Critical dates:
  - a. PDS Approval 30 NOV 2012
  - b. Design completion 03 JAN 2013
  - c. Contract Award 15 APR 2013
  - d. Contract Completion 15 SEP 2013
- My point of contact for this project is (b)(6) & (b)(7)(C) (b)(6) & (b)(7)(C) or by phone at (b)(6) & (b)(7)(C).

Enclosures: (1) Project Scope and Purpose (2) Related Actions

- (3) Analysis of Alternatives
- (4) Operating Expense (OE) Certification
  (5) Separate & Severable Determination
  (6) Cost Estimate Summary Form

- (7) Project Development Drawings (11x17)
- (8) Environmental Analysis Checklist (Signature Page Only)
- (9) PDS Checklist
- CGD ONE (dm) Copy: CG SECTOR SENE CG AIRSTA CAPE COD (fe) CG CEU Oakland

### **PROJECT SCOPE AND PURPOSE**

<b>PROJECT TITLE:</b>	West Chop Housing Repairs
<b>PROJECT NUMBER:</b>	4967978
PROJECT LOCATION:	Vineyard Haven, Martha's' Vineyard, MA
ESTIMATED COST:	\$746,000.00

### 1. Site Description

The buildings known as West Chop 1 & 2 at West Chop Light (on the island of Martha's Vineyard) were built in approximately 1891. They were designed in the Gothic Revival style as light keeper's residences. For a century, three generations of the West family were keepers on the site. There have been previous lights and residences on the site, closer to the water. The current buildings were designed reflecting the romantic themes of the day. They were meticulously built and have been well maintained over the ensuing years. West Chop 1 and 2 are both three bedroom housing units.



The site extends down a long lawn to the waterfront. The houses sitting atop, near the road. The light serves as beacon and landmark, greeting sailing vessels entering Vineyard Haven. In 1987 the property was listed on the National Register.

### 2. Project Background & Existing Deficiencies

The presence of lead paint on the baseboards, door and window trim, as well as in the plaster of some walls, makes the buildings unacceptable for use by children under six and pregnant women. This island location serves as a popular tourist destination, making affordable family housing incredibly scarce. Martha's Vineyard housing has been designated as a Critical Housing Area. Based on the Housing Adequacy Report, dated 13 Aug 2012, it was determined that both the West Chop housing units were "inadequate". A letter from RADM S.E. Day, dated 24 Aug 2012, detailed these inadequacies and it was stated that current residents were to be relocated. No future assignments can be made at these units until the deficiencies identified in the Housing Adequacy report have been corrected.



A testing report also shows a small area of asbestos in the closet of one house and mastic in the other house. Radon levels are under actionable levels. It is reported the electrical service is insufficient. The kitchen at West Chop 1 is slightly dated. Previous site testing reveals the presence of lead paint in the soil surrounding the buildings. Remediation would be required if the lead paint were to occur at locations where the soil is exposed for possible contact. Presently, there are no areas of bare soil at these two locations.

### 3. Project Purpose

The main purpose of the project is to provide habitable residences for USCG families, as defined by respective regulations. One main reference document is the lead paint regulations for the Commonwealth of MA. The recent test results will guide the design phase, room by room, as to the extent of specific work.

Ongoing continuous maintenance cannot be assured over the long term. Discussions from the CEUP Design Brief of 11 Oct 2012 indicated that abatement is preferred to encapsulation. Interim controls or Operation and Maintenance (O&M) are temporary measures used to reduce major findings / action levels to the monitoring level until permanent corrective action can be taken. These temporary measures are not meant to take the place of remediation or be continued indefinitely. Therefore abatement is recommended.

### 4. Project Scope

The project includes:

- Lead paint abatement at West Chop 1 & 2
- Asbestos abatement at West Chop 1 & 2 (minor)
- Remove and replace windows at West Chop 1 & 2
- Upgrade electrical at West Chop 1 & 2
- Update kitchen at West Chop 1

### Sustainable Design and Energy Conservation Initiatives:

- New energy-efficient windows with insulating glass
- Windows that also meet hurricane-resistance requirements could reduce damages in a severe storm
- Electrical upgrades will deliver loads more efficiently and safely, while reducing liability associated with fire
- Proposed appliances can be specified as Energy Star rated
- Preservation is considered a sustainable practice. Buildings are best preserved, over the long term, though habitation and maintenance

### 5. Impact of Denial

The houses are technically classified as uninhabitable by current standards. If it were possible for the Coast Guard to divest from the house, exterior lead paint abatement would be required, prior to the transaction. If the repairs are not made, the buildings will stand empty. The USCG housing department will now have to seek alternative family housing leases in a tight real estate market, at premium prices. As high profile landmarks, the houses would require some investment for basic upkeep, even as non-functional buildings.

### **RELATED ACTIONS**

<b>PROJECT TITLE:</b>	West Chop Repairs
PROJECT NUMBER:	4967978
PROJECT LOCATION:	Vineyard Haven, Martha's Vineyard, MA

- 1. Funding will be with FY 2013 AFC-43 funds.
- 2. Any required state and federal environmental permits will be obtained for this project as necessary.
- 3. There are no real property issues associated with completing the work.
- **4.** NEPA Documentation has been completed in support of the preferred option. The project is not expected to result in any adverse environmental impacts. A copy of the Environmental Analysis Checklist Signature Page is included as Enclosure (8).

### ARCHITECT'S JUSTIFICATION AND ALTERNATIVES CONSIDERED

PSN 4967978 West Chop Housing Repairs, Martha's Vineyard

### **Alternatives**

1. Status Quo: The property would become unoccupied (indefinitely), but would likely require some type of regular maintenance. The lawn would need to be cut and the buildings checked-in on periodically. Such site visits should keep an eye out for pest or rodent infestations, as well as roof leaks etc. The building would have to be heated in winter to prevent freezing pipes. Unattended paint surfaces would probably peel and chip over time, possibly exacerbating future expenses to repair. The displaced residents of West Chop will need to lease a new space at the rate of approximately \$3K per month (or \$36K per year). It is possible the property could be used for Coast Guard morale events on the lawn and at the beach. The houses could be used as temporary quarters with elevated lead levels. Tourists seem to find the lighthouse irresistible. Without deterrence, they could expose the Coast Guard (and their own well being) to various risks while trespassing or possibly vandalizing the property.

### 2. Abatement and Repairs:

Abatement would restore the site to its original function, as well as highest and best use. Occupying the site maintains the property physically, within the historical context of a maritime life safety tradition. The cultural character of the site is tied to a legacy of public service by inhabitants, dating to the earliest settlers of the Commonwealth and the nation. Within the neighborhood, the USCG will participate in a good neighbor policy, in a highly visible location. Performing timely repairs will serve the long-term interests of the Coast Guard community by maintaining quality family housing in a fiercely competitive real estate market. Upgrading the electrical reduces the risk for fire. Kitchen upgrades fall under quality of life and regular maintenance. Windows will save energy and protect from storm damage.

### 3. Divestiture:

As mentioned in the Scope and Purpose, the land transfer of the property would likely require abatement of lead in the soil and the source of chipping paint at the exterior. Such action was required at Bakers Island. A much bigger project, those exterior costs alone totaled over a million dollars.

### **Architect's Justification:**

The circumstance of having an older building with lead paint is not extraordinary. Health and building science advances have made the public more aware of the dangers associated with lead paint. This is now reflected in codes and their enforcement. Invariably, this condition causes hardship to property owners. The Massachusetts regulations regarding residences with lead, inhabited by children, are quite strict and rather clear.

Many times, property owners will look to the least expensive or a middle path that could involve encapsulation and various minimalist methods for abatement. This would be especially true in a speculative office building, for example. There the investment is short term and the liability low. The legacy buildings at West Chop probably fall into the opposite category. In addition to the symbolism they hold as landmarks, they have served as family homes which, by nature, often have small children. They have been there a while and will likely stay there a while longer.

To not take action at West Chop leaves the site under-used, with an open-ended potential for work-around responses that could arise. The practical, most reasonable action to be taken seems to be to abate. The design phase should research the most effective means to achieve a very clearly established scope and budget.

		Ū	VIL ENGIN	EERING OPERATING EXPEN	SE (OE) CERTIFIC	ATION							
Prepared By Project Title	(b)(6) & (b)(7)(C) West Chop Housing Repairs				Total Project (	Date 12 Costs	/21/2012 \$746		Jnit Name C	CG ASCC 20115	Pare	Location V Int WO # 45	lest Chop Hsing 967978
				Work Catego	ry Break-Down -	Dollars (\$	X						
								M+A+C		M+A+C+I	n	tal RPFN	Minor Construction
Child WO#	WO Description	Location #	RPFN #	RPFN Description	N	•	о 1	Subtotal	-	Subtotal		Costs	Threshold
4914763	Repairs at W Chop 1	1598	9CA	WEST CHOP - DWELLING	\$2/6	0¢	\$4	\$280	\$0	\$280	\$113	\$393	\$280
4899820	Repairs W Chop 2	7600	9CD	WEST CHOP DWELL NG #2	\$246	\$0	\$	\$250	\$0	\$250	\$103	\$353	\$250
				TOTAL	\$522	\$0	\$8	\$530	\$0	\$530	\$216	\$746	\$530
						-	telated wor	k associated	with project	: RPFNs (M/ Minor	AC+I) contributi Construction th	ing to the ireshold	Q#
							<b>Balatad</b> w	vrk accordate	ind with other	DDENe /W/	AC+D contributi	na ta tha	<b>•</b>
Planning & Developme	ent costs associated with the work order and assigned as	a 'DD' Work Ty	ġ				Neialed Wo	OFK ASSOCIATE			Construction th	no une plodenne	\$0
Child WO #	WO Description	Location #	Type	Estimate Costs					Tot	al Minor Co	nstruction Cont	tribution	\$530
				\$0									
M+A+C analysis rolls t	up all active and closed work orders within the past 12 mo	onths at the RPI	N level to	validate if costs are equal to c	or areater than 45	%/50% of	the RPFN's	PRV to dete	rmine cost c	contributing	to the minor co	onstruction	threshold.
including all "I" work													
									Related	% of ALL			
Child WO #	WO Description	Location #	RPFN#	<b>RPFN Description</b>	Type To	A+C S/	AM RPFN	% of Cost Per RPFN	Work M+A+C	M+A+C Cost	æ	elated "l"	
4914763	Repairs at W Chop 1	7598	9CA	WEST CHOP - DWELLING	ط	\$280	\$230	121.74%	\$0	121.74%		\$0	
4899820	Repairs W Chop 2	7600	9CD	WEST CHOP DWELL NG #2	٩	\$250	\$230	108.70%	\$0	108.70%		\$0	
Grand Tota	a:					\$530			<b>\$</b> 0			\$0	
Per CG-43 memo date and must be approved	d 18APR2011 "Policy for Plant Replacement Value (PRV) π i by HQ, CG-43.	nethodology", i	n cases wh	ere the SAM PRV does not re	present a fair ma	rket value	, an indepe	ndent estim	ate may be u	sed to make	e an appropriat	e funding d	etermination
Comments	(b)(6) & (b)(7)(C)												
Certified This project.	is ation IAW A	VLCOAST 012/1	1 "Interim F	inancial Guidance for Execut	ion of AFC-43 Fur	nding".							

DATE 07 JAN 2013

Commanding Officer

1021221

TITLE/SIGNATURE Download Date

					SEPARATE AND SEVERABLE CERTIFICATIC 01-20115 - CG AIRSTA (	0N - 49679 CAPE COD	78 - Repair	s W Chop	0				
Project	Parent		Prod	Cont Comp						DOLLA	ARS (\$K)		
Number	Number	Status	Awd FY	Actual Date	Project Title	RPFN	Location	Awd/Est	I Costs	D Costs	M+A+C Costs	PRV	MC Contrib
Section 1:													
PROPOSED	PARENT/CF	HILD WORK (	ORDERS										
4914763	4967978	APPR	2013		Repairs at W Chop 1	9CA	7598	\$373	\$0	\$108	\$280	\$230	\$280
4899820	4967978	APPR			Repairs W Chop 2	9CD	7600	\$373	\$0	\$108	\$250	\$230	\$250
								Total:	\$0	\$216	\$530		\$530
Section 2:													
PROJECT(s	) LISTED BE		THE SAME F	RPFN(s) AS P	ARENT/CHILD PROJECTS AND ARE NOT SEPARATE AI	ND SEVERA	BLE. INCLUI		SLE COSTS	FOR MINOR	CONSTRUCTIO	N CONTRIBU	ITION AND
					-			Total:	\$0	\$0	\$0		\$0
Section 3:													
THE FOLLO	WING PROJ	ECT(s) HAVE	E DIFFEREN	IT RPFN(s) AS	PARENT/CHILD PROJECTS, BUT ARE NOT SEPARATE	E AND SEVE	RABLE BEC	AUSE OF THE	EIR RELATE	ED FUNCTION			
								Total.	0	¢0	C.		¢
								10141	<b>•</b>	\$	•		<b>0</b>
Section 4:													
PROJECTS	LISTED BEL	OW ARE SE	PARATE AN	ID SEVERABI	E BY THEIR UNRELATED FUNCTION TO SUBJECT RPF.	FN(s) OR BY	THEIR PHYS	ICAL LOCAT	ION.				
2447245		COMP	2011	11/10/2011	Evaluate/Repair Hangar Doors @ Bldg 124	6687	47351	\$78	\$0	0\$	\$78	\$10,629	\$0
2603611		INPRG	2012		Replace Rotating Beacon @ Water Tower	NONE	214	\$81	\$0	\$0	\$0	\$0	\$0
4523791	2603611	INPRG			Demo Rotating Beacon @ Water Tower	6828	47354	\$10	\$0	\$10	\$0	\$14	\$0
4525321	2603611	INPRG	2012		New Rotating Beacon @ Water Tower	SAB	811988	\$81	\$81	\$0	\$0	\$14	\$81
4368952	2666957	COMP		06/15/2012	(Mod #2) Additional Abatement	WN8	44558	\$147	\$0	\$147	\$0	\$5,707	\$0
01-P6193	2666957	COMP	2010	06/15/2012	Construction- D/B TEMP QTRS RPR	WN8	44558	\$828	\$265	\$132	\$431	\$5,707	\$265
2666957	_	COMP	2010	06/15/2012	Temp Quarters Repairs (Bldg 5204)	WN8	44558	\$828	\$273	\$141	\$414	\$5,707	\$273
4281127	2666957	COMP		06/15/2012	(Mod #1) Electrical Upgrade	WN8	44558	\$79	\$63	\$8	\$8	\$5,707	\$63
271813		INPRG	2012		Hangar Painting	VZ4	52099	\$312	\$0	\$0	\$312	\$11,490	\$0
4771402	2936154	INPRG			Replace Elevator and Repair Control Tower - Construction	6688	47350	\$880	\$0	\$88	\$792	\$4,637	\$0
4817049	3159619	INPRG	2012		Housing Endwalls #5653 - Base Bid	TJT	6739	\$25	\$0	\$4	\$20	\$393	\$0
4824709	3159619	INPRG	2012		Bid Option 4 - Unit 5656	TKA	6742	\$25	\$0	\$4	\$20	\$463	\$0
4824613	3159619	INPRG	2012		Housing Endwalls #5671 - Base Bid	TKL	6753	\$25	\$0	\$4	\$20	\$552	\$0
4824637	3159619	INPRG	2012		Housing Endwalls #5672 - Base Bid	TKO	6754	\$25	\$0	\$4	\$20	\$463	\$0
4824616	3159619	INPRG	2012		Housing Endwalls #5678 - Base Bid	TKU	6760	\$25	\$0	\$4	\$20	\$274	\$0
4824642	3159619	INPRG	2012		Housing Endwalls #5680 - Base Bid	TLA	6762	\$25	\$0	\$4	\$20	\$274	\$0
4824691	3159619	INPRG	2012		Bid Option 2 - Unit 5682	TLC	6764	\$25	\$0	\$4	\$20	\$274	\$0
4824618	3159619	INPRG	2012		Housing Endwalls #5684 - Base Bid	TLE	6766	\$25	\$0	\$4	\$20	\$463	\$0
3159619		INPRG	2012		Housing Endwalls	TLE	6766	\$246	\$0	\$0	\$0	\$463	\$0
4824707	3159619	INPRG	2012		Bid Option 3 - Unit 5685	TLF	6767	\$25	\$0	\$4	\$20	\$274	\$0

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    0.04         0.04         0.04         0.04         0.04         0.04         0.04         0.04         0.04         0.04         0.04         0.04         0.04         0.04         0.04         0.04         0.04         0.04         <th0.04< th="">         0.04         0.04         <th0< td=""><td>404         80</td><td>*0.41         *0.41           9.51         9.55         9.55         9.55           9.55         9.55         9.55         9.55           9.55         9.55         9.55         9.55           9.55         9.55         9.55         9.55           9.55         9.55         9.55         9.55           9.55         9.55         9.55         9.55           9.55         9.55         9.55         9.55           9.55         9.55         9.55         9.55           9.55         9.55         9.55         9.55           9.55         9.55         9.55         9.55           9.55         9.55         9.55         9.55           9.55         9.55         9.55         9.55           9.55         9.55         9.55         9.55           9.55         9.55         9.55         9.55           9.55         9.55         9.55         9.55           9.55         9.55         9.55         9.55           9.55         9.55         9.55         9.55           9.55         9.55         9.55         9.55           9.55         9.55</td><td>404         40           95         95           95</td><td>404         40           95         95           95</td><td>6.04         9.04           9.5         9.5           9.5</td><td>6.04         9.04           9.04         9.04           9.05         9.05           9.05<td>6.04         9.04           9.5         9.5           9.5</td><td>******         *******         *******         ********         ************         ************************************</td><td>******         *******         *******         ********         ***********         ************************************</td></td></th0<></th0.04<></td></td> | 4041         80           951         95           955         95           955         95           955         95           955         95           955         95           955         95           955         95           955         95           955         95           955         95           955         95           955         95           955         95           955         95           955         95           955         95           955         95           95         95           95         95           95         95           95         95           95         95           95         95           95         95           95         95           95         95           95         95           95         95           95         95   
   
   | 4041         8041           951         955         95           955         955         95           955         95         95           955         95         95           955         95         95           955         95         95           955         95         95           955         95         95           955         95         95           955         95         95           955         95         95           955         95         95           955         95         95           955         95         95           955         95         95           955         95         95           955         95         95           955         95         95           95         95         95           95         95         95           95         95         95           95         95         95           95         95         95           95         95         95           95         95         95 </td <td>4041         8041           955         955         955           955         955         955           955         955         956           955         955         956           955         955         956           955         956         956           955         956         956           955         956         956           955         956         956           955         956         956           955         956         956           956         956         956           957         956         956           958         956         956           956         956         956           956         956         956           956         956         956           956         956         956           956         956         956           956         956         956           956         956         956           956         956         956           957         956         956           956         956         956</td> <td>4041         80           95         95         95           95         95         95         95           95         95         95         95           95         95         95         95           95         95         95         95           95         95         95         95           95         95         95         95           95         95         95         95           95         95         95         95           95         95         95         95           95         95         95         95           95         95         95         95           95         95         95         95           95         95         95         95           95         95         95         95           95         95         95         95           95         95         95         95           95         95         95         95           95         95         95         95</td> <td>404         80           95         95         95         95           95         95         95         95         95           95         95         95         95         95         95           95         95         95         95         95         95         95           95</td> <td>4041         80           95         95           95         95           95         95           95         95           95         95           95         95 
         95         95           95</td> <td>4041         80           954         95           955         95           95         95           95         95           95         95           95         95           95         95           95         95           95         95           95         95           95         95</td> <td>0.04         <th0.04< th="">         0.04         0.04         <th0< td=""><td>404         80</td><td>*0.41         *0.41           9.51         9.55         9.55         9.55           9.55         9.55         9.55         9.55           9.55         9.55         9.55         9.55           9.55         9.55         9.55         9.55           9.55         9.55         9.55         9.55           9.55         9.55         9.55         9.55           9.55         9.55         9.55         9.55           9.55         9.55         9.55         9.55           9.55         9.55         9.55         9.55           9.55         9.55         9.55         9.55           9.55         9.55         9.55         9.55           9.55         9.55         9.55         9.55           9.55         9.55         9.55         9.55           9.55         9.55         9.55         9.55           9.55         9.55         9.55         9.55           9.55         9.55         9.55         9.55           9.55         9.55         9.55         9.55           9.55         9.55         9.55         9.55           9.55         9.55</td><td>404         40           95         95           95</td><td>404         40           95         95           95</td><td>6.04         9.04           9.5         9.5           9.5</td><td>6.04         9.04           9.04         9.04           9.05         9.05           9.05<td>6.04         9.04           9.5         9.5           9.5</td><td>******         *******         *******         ********         ************         ************************************</td><td>******         *******         *******         ********         ***********         ************************************</td></td></th0<></th0.04<></td>   
  | 4041         8041           955         955         955           955         955         955           955         955         956           955         955         956           955         955         956           955         956         956           955         956         956           955         956         956           955         956         956           955         956         956           955         956         956           956         956         956           957         956         956           958         956         956           956         956         956           956         956         956           956         956         956           956         956         956           956         956         956           956         956         956           956         956         956           956         956         956           957         956         956           956         956         956  
  | 4041         80           95         95         95           95         95         95         95           95         95         95         95           95         95         95         95           95         95         95         95           95         95         95         95           95         95         95         95           95         95         95         95           95         95         95         95           95         95         95         95           95         95         95         95           95         95         95         95           95         95         95         95           95         95         95         95           95         95         95         95           95         95         95         95           95         95         95         95           95         95         95         95           95         95         95         95   
   
  | 404         80           95         95         95         95           95         95         95         95         95           95         95         95         95         95         95           95         95         95         95         95         95         95           95  
   | 4041         80           95         95           95  
   | 4041         80           954         95           955         95           95         95           95         95           95         95           95         95           95         95           95         95           95         95           95         95           95         95   
  | 0.04         0.04 <th0.04< th="">         0.04         0.04         <th0< td=""><td>404         80</td><td>*0.41         *0.41           9.51         9.55         9.55         9.55           9.55         9.55         9.55         9.55          
9.55         9.55         9.55         9.55           9.55         9.55         9.55         9.55           9.55         9.55         9.55         9.55           9.55         9.55         9.55         9.55           9.55         9.55         9.55         9.55           9.55         9.55         9.55         9.55           9.55         9.55         9.55         9.55           9.55         9.55         9.55         9.55           9.55         9.55         9.55         9.55           9.55         9.55         9.55         9.55           9.55         9.55         9.55         9.55           9.55         9.55         9.55         9.55           9.55         9.55         9.55         9.55           9.55         9.55         9.55         9.55           9.55         9.55         9.55         9.55           9.55         9.55         9.55         9.55           9.55         9.55</td><td>404         40           95         95           95</td><td>404         40           95         95           95</td><td>6.04         9.04           9.5         9.5           9.5</td><td>6.04         9.04           9.04         9.04           9.05         9.05           9.05<td>6.04         9.04           9.5         9.5           9.5</td><td>******         *******         *******         ********         ************         ************************************</td><td>******         *******         *******         ********         ***********         ************************************</td></td></th0<></th0.04<>   | 404         80   
   | *0.41         *0.41           9.51         9.55         9.55         9.55           9.55         9.55         9.55         9.55           9.55         9.55         9.55         9.55           9.55         9.55         9.55         9.55           9.55         9.55         9.55         9.55           9.55         9.55         9.55         9.55           9.55         9.55         9.55         9.55           9.55         9.55         9.55         9.55           9.55         9.55         9.55         9.55           9.55         9.55         9.55         9.55           9.55         9.55         9.55         9.55           9.55         9.55         9.55         9.55           9.55         9.55         9.55         9.55           9.55         9.55         9.55         9.55           9.55         9.55         9.55         9.55           9.55         9.55         9.55         9.55           9.55         9.55         9.55         9.55           9.55         9.55         9.55         9.55           9.55         9.55   
  | 404         40           95         95           95  
   | 404         40           95         95           95   
  | 6.04         9.04           9.5         9.5           9.5  | 6.04         9.04           9.04         9.04           9.05         9.05           9.05 <td>6.04         9.04           9.5         9.5           9.5</td> <td>******         *******         *******         ********         ************         ************************************</td> <td>******         *******         *******         ********         ***********         ************************************</td>  | 6.04         9.04           9.5         9.5           9.5        
9.5           9.5           | ******         *******         *******         ********         ************         ************************************   | ******         *******         *******         ********         ***********         ************************************  |
| 51895<br>51896<br>51898<br>51898<br>51898<br>51899<br>51900   | 51895<br>51896<br>51896<br>51899<br>51899<br>51900<br>51901   | 51895<br>51896<br>51896<br>51898<br>51899<br>51900<br>51900<br>51902   | 51895<br>51896<br>51896<br>51898<br>51899<br>51900<br>51900<br>51901<br>51903  | 51895           51896           51896           51896           51896           51896           51896           51896           51896           51896           51896           51896           51896           51896           51896           51900           51901           51903           51904   | 51895           51896           51896           51896           51897           51896           51896           51896           51896           51896           51896           51896           51896           51896           51896           51902           51903           51905  | 51895       51896       51896       51896       51897       51898       51898       51890       51900       51901       51905       51906   
   
   
  | 51895       51896       51896       51896       51897       51897       51898       51890       51901       51902       51905       51907  
   
  | 51895       51896       51896       51896       51896       51898       51899       51902       51903       51905       51906       51908       51908  | 51895       51896       51896       51896       51896       51898       51899       51902       51903       51906       51908       51909       51909   
  | 51895       51896       51896       51896       51897       51897       51898       51899       51901       51902       51906       51909       51909       51910  
   
  | 51895       51896       51896       51896       51896       51897       51898       51898       51899       51901       51902       51903       51904       51906       51909       51910       51910       51911  
   | 51895       51896       51896       51896       51896       51897       51898       51899       51898       51899       51900       51906       51908       51909       51910       51910       51912   
   
   | 51895       51896       51896       51896       51896       51897       51898       51898       51898       51898       51899       51902       51904       51905       51906       51907       51908       51912       51913   
   
  | 51895       51896       51896       51896       51896       51896       51896       51896       51896       51896       51898       51890       51900       51906       51906       51906       51907       51908       51914       51913       51914  
  | 51895       51896       51896       51896       51896       51896       51896       51896       51896       51896       51896       51896       51896       51896       51896       51896       51901       51902       51912       51913       51914       51913       51914       51913  
   
  | 51895       51896       51896       51896       51896       51896       51896       51896       51896       51896       51896       51900       51902       51903       51906       51906       51907       51909       51910       51911       51912       51914       51914       51915       51916       51917  
   | 51895       51896       51896       51896       51896       51897       51898       51898       51898       51898       51899       51900       51904       51905       51906       51907       51908       51909       51914       51915       51916       51916       51918       51918   
   | 51895       51896       51896       51896       51896       51896       51896       51896       51896       51896       51896       51901       51902       51903       51904       51906       51907       51910       51913       51914       51913       51914       51914       51914       51914       51914       51914       51914   
  | 51895       51896       51896       51896       51896       51896       51896       51896       51896       51896       51896       51900       51901       51902       51903       51904       51906       51906       51910       51912       51914       51916       51917       51918       51918       51918       51918       51919  
  | 51895       51896       51896       51896       51896       51896       51896       51896       51896       51896       51896       51896       51896       51896       51896       51897       51901       51906       51906       51907       51913       51916       51916       51918       51918       51918       51918       51918       51918       51918       51918       51918       51918       51918       51918       51919       51920  
   | 51895       51896       51896       51896       51896       51896       51896       51896       51896       51896       51896       51896       51896       51896       51896       51896       51901       51902       51910       51913       51914       51913       51914       51914       51914       51914       51913       51914       51914       51913       51914       51914       51913       51914       51914       51915       51920       51921       51921   
  | 51895       51896       51896       51896       51896       51896       51896       51896       51896       51896       51896       51896       51896       51896       51896       51896       51901       51902       51903       51904       51905       51906       51910       51914       51916       51916       51917       51918       51918       51919       51919       51918       51918       51919       51921       51921       51923       51924  
   | 51895       51896       51896       51896       51896       51896       51896       51896       51896       51896       51896       51896       51896       51896       51896       51896       51901       51902       51903       51904       51905       51906       51916       51916       51918       51918       51918       51918       51918       51918       51918       51918       51918       51918       51918       51920       51921       51922       51923       51924       51924   
  | 51895       51896       51896       51896       51896       51896       51896       51896       51896       51896       51896       51896       51896       51896       51896       51896       51896       51901       51902       51903       51904       51905       51906       51906       51916       51916       51916       51918       51918       51919       51918       51918       51918       51919       51919       51918       51920       51921       51922       51923       51924       51924       51923       51924       51924       51924       51924       51924       51924       51924       51924       51924       51924       51924       51924       51924       51924       51924       51924       51924 <t< td=""><td>51895       51896       51896       51896       51896       51896       51896       51896       51896       51896       51896       51896       51896       51896       51896       51896       51900       51901       51902       51903       51904       51905       51906       51916       51916       51916       51918       51918       51919       51918       51918       51919       51918       51918       51919       51920       51921       51922       51923       51924       51923       51924       51923       51924       51924       51924       51923       51924       51924       51924       51924       51924       51924       51924       51924       51924       51924       51924       51924       51924    <t< td=""><td>51895       51896       51896       51896       51896       51896       51896       51896       51896       51896       51896       51896       51896       51896       51896       51896       51900       51901       51902       51903       51904       51904       51916       51916       51916       51917       51918       51918       51919       51918       51918       51919       51918       51918       51919       51918       51920       51921       51922       51923       51924       51924       51923       51924       51924       51928       51928       51929       51929       51920       51920       51920       51920       51920       51920       51920       51920       51920       51920       51920    <t< td=""><td>51895       51896       51896       51896       51896       51896       51896       51896       51896       51896       51896       51896       51896       51896       51896       51896       51900       51901       51902       51903       51904       51914       51914       51914       51914       51914       51914       51914       51915       51916       51917       51918       51918       51918       51919       51920       51921       51922       51923       51920    <t< td=""><td>51895       51896       51896       51896       51896       51896       51896       51896       51896       51896       51896       51896       51896       51896       51900       51901       51902       51903       51904       51905       51916       51916       51917       51918       51918       51914       51914       51915       51915       51916       51918       51918       51918       51918       51919       51920       51921       51923       51923       51924       51929       51923       51920       51923       51923       51924       51923       51923       51924       51923       51923       51924       51923       51923       51924       51923       51923       51924       51923       51924    <t< td=""></t<></td></t<></td></t<></td></t<></td></t<>  | 51895       51896       51896       51896       51896       51896       51896       51896       51896       51896       51896       51896       51896       51896       51896       51896       51900       51901       51902       51903       51904       51905       51906       51916       51916       51916       51918       51918       51919       51918       51918       51919       51918       51918       51919       51920       51921       51922       51923       51924       51923       51924       51923       51924       51924       51924       51923       51924       51924       51924       51924       51924       51924       51924       51924       51924       51924       51924       51924       51924 <t< td=""><td>51895       51896       51896       51896       51896       51896       51896       51896       51896       51896       51896       51896       51896       51896       51896       51896       51900       51901       51902       51903       51904       51904       51916       51916       51916       51917       51918       51918       51919       51918       51918       51919       51918       51918       51919       51918       51920       51921       51922       51923       51924       51924       51923       51924       51924       51928       51928       51929       51929       51920       51920       51920       51920       51920       51920       51920       51920       51920       51920       51920    <t< td=""><td>51895       51896       51896       51896       51896       51896       51896       51896       51896       51896       51896       51896       51896       51896       51896       51896       51900       51901       51902       51903       51904       51914       51914       51914       51914       51914       51914       51914       51915       51916       51917       51918       51918       51918       51919       51920       51921       51922       51923       51920    <t< td=""><td>51895       51896       51896       51896       51896       51896       51896       51896       51896       51896       51896       51896       51896       51896       51900       51901       51902       51903       51904       51905       51916       51916       51917       51918       51918       51914       51914       51915       51915       51916       51918       51918       51918       51918       51919       51920       51921       51923       51923       51924       51929       51923       51920       51923       51923       51924       51923       51923       51924       51923       51923       51924       51923       51923       51924       51923       51923       51924       51923       51924    <t< td=""></t<></td></t<></td></t<></td></t<>  | 51895       51896       51896       51896       51896       51896     
 51896       51896       51896       51896       51896       51896       51896       51896       51896       51896       51900       51901       51902       51903       51904       51904       51916       51916       51916       51917       51918       51918       51919       51918       51918       51919       51918       51918       51919       51918       51920       51921       51922       51923       51924       51924       51923       51924       51924       51928       51928       51929       51929       51920       51920       51920       51920       51920       51920       51920       51920       51920       51920       51920 <t< td=""><td>51895       51896       51896       51896       51896       51896       51896       51896       51896       51896       51896       51896       51896       51896       51896       51896       51900       51901       51902       51903       51904       51914       51914       51914       51914       51914       51914       51914       51915       51916       51917       51918       51918       51918       51919       51920       51921       51922       51923       51920    <t< td=""><td>51895       51896       51896       51896       51896       51896       51896       51896       51896       51896       51896       51896       51896       51896       51900       51901       51902       51903       51904       51905       51916       51916       51917       51918       51918       51914       51914       51915       51915       51916       51918       51918       51918       51918       51919       51920       51921       51923       51923       51924       51929       51923       51920       51923       51923       51924       51923       51923       51924       51923       51923       51924       51923       51923       51924       51923       51923       51924       51923       51924    <t< td=""></t<></td></t<></td></t<>   | 51895       51896       51896       51896       51896       51896       51896       51896       51896       51896       51896       51896       51896       51896       51896       51896       51900       51901       51902       51903       51904       51914       51914       51914       51914       51914       51914       51914       51915       51916       51917       51918       51918       51918       51919       51920       51921       51922       51923       51920 <t< td=""><td>51895       51896       51896       51896       51896       51896       51896       51896       51896       51896       51896       51896       51896       51896       51900       51901       51902       51903       51904       51905       51916       51916       51917       51918       51918       51914       51914       51915       51915       51916       51918       51918       51918       51918       51919       51920       51921       51923       51923       51924       51929       51923       51920       51923       51923       51924       51923       51923       51924       51923       51923       51924       51923       51923       51924       51923       51923       51924       51923       51924    <t< td=""></t<></td></t<>  | 51895       51896       51896       51896       51896       51896       51896       51896       51896       51896       51896       51896       51896       51896       51900       51901       51902       51903       51904       51905       51916       51916       51917       51918       51918       51914       51914       51915       51915       51916       51918       51918       51918       51918       51919       51920       51921       51923       51923       51924       51929       51923       51920       51923       51923       51924       51923       51923       51924       51923       51923       51924       51923       51923       51924       51923       51923       51924       51923       51924 <t< td=""></t<>   |
| TPF         51896           TNV         51897           TOA         51898           TOA         51898           TOB         51898           TOC         51899   | TPF         51896           TNV         51897           TOA         51898           TOA         51898           TOB         51899           TOB         51899           TOC         51899           TOC         51900           TOD         51901 | TPF         51896           TNV         51897           TOA         51898           TOA         51898           TOA         51899           TOB         51899           TOB         51899           TOC         51900           TOD         51901           TOC         51901           TOE         51901  | TPF         51896           TNV         51897           TOA         51898           TOA         51898           TOA         51899           TOB         51899           TOC         51900           TOD         51901           TOE         51901           TOE         51901           TOE         51901           TOF         51901           TOF         51901           TOF         51901  | TPF         51896           TNV         51897           TOA         51898           TOA         51898           TOA         51899           TOB         51899           TOC         51900           TOD         51901           TOD         51901           TOD         51901           TOC         51901           TOC         51901           TOF         51902           TOG         51903           TOG         51903   | TPF         51896           TNV         51897           TOA         51898           TOA         51898           TOA         51899           TOB         51899           TOB         51899           TOB         51899           TOC         51900           TOD         51901           TOB         51901           TOB         51901           TOG         51902           TOG         51903           TOG         51903           TOG         51903           TOG         51903           TOG         51903           TOG         51903  | TPF         51896           TNV         51897           TOA         51898           TOA         51898           TOA         51898           TOB         51899           TOC         51900           TOC         51900           TOD         51901           TOD         51901           TOE         51901           TOE         51902           TOG         51903           TOG         51903           TOG         51903           TOG         51903           TOH         51903           TOH         51903           TOH         51905           TOI         51905           TOI         51905   
   
   
  | TPF         51896           TNV         51897           TOA         51898           TOA         51898           TOA         51899           TOB         51899           TOC         51900           TOC         51900           TOC         51900           TOD         51901           TOE         51901           TOE         51901           TOF         51903           TOG         51903           TOG         51903           TOG         51903           TOH         51903           TOI         51903  
   
  | TPF         51896           TNV         51897           TOA         51898           TOA         51898           TOA         51898           TOB         51899           TOB         51899           TOB         51899           TOB         51990           TOC         51900           TOD         51901           TOE         51902           TOF         51903           TOG         51904           TOG         51904           TOG         51904           TOI         51905           TOI         51906  | TPF         51896           TNV         51897           TOA         51898           TOA         51898           TOB         51898           TOB         51899           TOB         51899           TOB         51899           TOB         51990           TOC         51900           TOD         51901           TOE         51902           TOF         51903           TOG         51904           TOG         51904           TOI         51904           TOI         51905           TOI         51905           TOI         51906           TOC         51906  | TPF         51896           TNV         51897           TOA         51897           TOA         51893           TOB         51893           TOB         51893           TOB         51893           TOB         51893           TOB
        51990           TOC         51900           TOF         51901           TOF         51903           TOH         51903           TOH         51904           TOH         51905           TOH         51905           TOH         51905           TOL         51905           TOL <td>TPF         51896           TNV         51897           TOA         51897           TOA         51891           TOA         51892           TOB         51900           TOC         51900           TOC         51900           TOF         51901           TOF         51903           TOF         51904           TOF         51905           TOI         51905           TOO         51910           TOO         51911</td> <td>TPF         51896           TNV         51897           TOA         51897           TOA         51898           TOA         51891           TOB         51893           TOB         51904           TOC         51901           TOC         51901           TOE         51903           TOE         51903           TOB         51904           TOB         51905           TOI         51905           TOI         51905           TOI         51906           TOO         51910           TOO         51910</td> <td>TPF         51896           TNV         51897           TOA         51897           TOA         51893           TOA         51893           TOA         51893           TOB         51893           TOB         51904           TOC         51901           TOE         51902           TOE         51903           TOG         51904           TOG         51905           TOI         51905           TOI         51906           TOI         51906           TOI         51906           TOI         51906           TOI         51906           TOI         51906           TOO         51901           TOO         51901           TOO         51910           TOO<td>TPF         51896           TNV         51897           TOA         51898           TOB         51899           TOB         51899           TOB         51899           TOC         51900           TOC         51901           TOC         51901           TOC         51901           TOC         51902           TOC         51903           TOC         51904           TOG         51906           TOI         51906           TOI         51906           TOI         51906           TOI         51906           TOI         51906           TOO         51901           TOS         51914</td><td>TPF         51896           TNV         51897           TOA         51898           TOB         51899           TOB         51890           TOC         51900           TOG         51900           TOI         51900           TOI         51900           TOI         51901           TOI         51901           TOI         51901           TOI         51901           TOO         51911           TOS         51913           TOS         51913</td><td>TPF         51896           TNV         51897           TOA         51897           TOB         51893           TOB         51893           TOB         51893           TOB         51893           TOB         51893           TOB         51900           TOC         51900           TOC         51901           TOB         51902           TOB         51904           TOB         51904           TOI         51904           TOI         51906           TOI         51906           TOI         51906           TOI         51906           TOC         51911           TOO         51913           TOC         51913           TOO         51914           TOU         51914           TOU         51914           TOU<td>TPF         51896           TNV         51897           TOA         51898           TOB         51899           TOC         51900           TOC         51901           TOC         51901           TOC         51901           TOC         51901           TOC         51901           TOC         51902           TOC         51903           TOC         51904           TOL         51905           TOL         51906           TOL         51906           TOL         51903           TOL         51903           TOL         51903           TOL         51903           TOC         51910           TOQ         51911           TOQ         51913           TOS         51913           TOU         51913           TOU<td>TPF         51896           TNV         51897           TOA         51898           TOB         51899           TOC         51900           TOC         51900           TOC         51900           TOC         51900           TOC         51900           TOC         51900           TOC         51901           TOC         51902           TOC         51903           TOG         51904           TOL         51903           TOL         51901           TOL         51901           TOL         51901           TOL         51911           TOL         51913           TOC         51914           TOC         51913           TOC         51914           TOL         51913           TOV         51914           TOV<td>TPF         51896           TNV         51897           TOA         51897           TOB         51893           TOB         51893           TOC         51900           TOC         51900           TOC         51900           TOC         51900           TOC         51900           TOC         51900           TOC         51904           TOC         51904           TOC         51904           TOL         51904           TOL         51904           TOL         51904           TOL         51904           TOL         51904           TOL         51914           TOC         51914           TOV         51914           TOV         51914           TOV<td>TPF         51896           TNV         51897           TOA         51898           TOB         51899           TOC         51900           TOC         51901           TOC         51901           TOC         51901           TOC         51901           TOC         51902           TOC         51903           TOC         51904           TOC         51903           TOC         51904           TOL         51903           TOL         51904           TOL         51903           TOL         51903           TOL         51903           TOC         51914           TOC         51914           TON         51914           TON         51914           TOU         51914           TPC         51914           TPC         51914           TPC<td>TPF         51896           TNV         51897           TOA         51897           TOB         51893           TOC         51900           TOC         51900           TOC         51900           TOC         51900           TOC         51900           TOC         51900           TOC         51901           TOC         51902           TOC         51903           TOC         51903           TOL         51903           TOL         51901           TOL         51901           TOL         51901           TOL         51911           TOL         51913           TOL         51913           TOC         51914           TOC         51914           TOC         51914           TOL         51914           TOL<td>TPF         51896           TNV         51897           TOA         51898           TOB         51899           TOC         51900           TOC         51900           TOC         51900           TOC         51900           TOC         51900           TOC         51900           TOC         51901           TOC         51903           TOC         51903           TOL         51903           TOL         51903           TOL         51903           TOL         51910           TOL         51911           TOL         51913           TOL         51914           TOL<td>TPF         51896           TNV         51897           TOA         51893           TOB         51893           TOC         51900           TOC         51900           TOC         51900           TOC         51900           TOC         51900           TOC         51901           TOC         51901           TOC         51903           TOC         51904           TOL         51903           TOL         51904           TOL         51901           TOL         51911           TOL         51911           TOL         51913           TOL         51914           TOL         51914           TOL         51914           TOC         51914           TOC<td>TPF         51896           TNV         51897           TOA         51893           TOB         51893           TOC         51900           TOC         51900           TOC         51900           TOC         51900           TOC         51900           TOC         51900           TOC         51901           TOC         51903           TOC         51904           TOC         51903           TOL         51904           TOL         51901           TOL         51911           TOL         51911           TOL         51911           TOC         51911           TOC<td>TPF         51896           TNV         51897           TOA         51893           TOB         51893           TOC         51900           TOC         51900           TOC         51900           TOC         51900           TOC         51900           TOC         51900           TOC         51901           TOC         51902           TOC         51903           TOC         51904           TOL         51903           TOL         51904           TOL         51911           TOL         51911           TOL         51911           TOC         51913           TOC         51914           TOC<td>TPF         51896           TNV         51897           TOA         51893           TOB         51893           TOB         51893           TOC         51900           TOC         51901           TOC         51901           TOC         51901           TOB         51901           TOC         51902           TOC         51903           TOC         51904           TOC         51904           TOL         51904           TOL         51904           TOL         51911           TOL         51911           TOL        
51913           TOC         51914           TOL         51914           TOL         51914           TOC         51914           TPO         51920           TPO<td>TPF         51896           TNV         51897           TOA         51893           TOB         51893           TOB         51893           TOC         51900           TOC         51901           TOC         51901           TOC         51901           TOC         51901           TOC         51902           TOC         51903           TOC         51904           TOL         51904           TOL         51904           TOL         51912           TOL         51913           TOL         51914           TOL         51913           TOC         51914           TOL         51913           TOC         51914           TOC         51924           TPC         51924           TPC<td>TPF         51896           TNV         51897           TOA         51893           TOB         51893           TOB         51893           TOB         51900           TOC         51900           TOC         51900           TOC         51900           TOC         51900           TOC         51900           TOC         51901           TOF         51903           TOC         51904           TOI         51906           TOI         51903           TOI         51914           TON         51914           TON</td></td></td></td></td></td></td></td></td></td></td></td></td></td>  | TPF         51896           TNV         51897           TOA         51897           TOA         51891           TOA         51892           TOB         51900           TOC         51900           TOC         51900           TOF         51901           TOF         51903           TOF         51904           TOF         51905           TOI         51905           TOO         51910           TOO         51911   
   
  | TPF         51896           TNV         51897           TOA         51897           TOA         51898           TOA         51891           TOB         51893           TOB         51904           TOC         51901           TOC         51901           TOE         51903           TOE         51903           TOB         51904           TOB         51905           TOI         51905           TOI         51905           TOI         51906           TOO         51910  
  | TPF         51896           TNV         51897           TOA         51897           TOA         51893           TOA         51893           TOA         51893           TOB         51893           TOB         51904           TOC         51901           TOE         51902           TOE         51903           TOG         51904           TOG         51905           TOI         51905           TOI         51906           TOI         51906           TOI         51906           TOI         51906           TOI         51906           TOI         51906           TOO         51901           TOO         51901           TOO    
    51910           TOO <td>TPF         51896           TNV         51897           TOA         51898           TOB         51899           TOB         51899           TOB         51899           TOC         51900           TOC         51901           TOC         51901           TOC         51901           TOC         51902           TOC         51903           TOC         51904           TOG         51906           TOI         51906           TOI         51906           TOI         51906           TOI         51906           TOI         51906           TOO         51901           TOS         51914</td> <td>TPF         51896           TNV         51897           TOA         51898           TOB         51899           TOB         51890           TOC         51900           TOG         51900           TOI         51900           TOI         51900           TOI         51901           TOI         51901           TOI         51901           TOI         51901           TOO         51911           TOS         51913           TOS         51913</td> <td>TPF         51896           TNV         51897           TOA         51897           TOB         51893           TOB         51893           TOB         51893           TOB         51893           TOB         51893           TOB         51900           TOC         51900           TOC         51901           TOB         51902           TOB         51904           TOB         51904           TOI         51904           TOI         51906           TOI         51906           TOI         51906           TOI         51906           TOC         51911           TOO         51913           TOC         51913           TOO         51914           TOU         51914           TOU         51914           TOU<td>TPF         51896           TNV         51897           TOA         51898           TOB         51899           TOC         51900           TOC         51901           TOC         51901           TOC         51901           TOC         51901           TOC         51901           TOC         51902           TOC         51903           TOC         51904           TOL         51905           TOL         51906           TOL         51906           TOL         51903           TOL         51903           TOL         51903           TOL         51903           TOC         51910           TOQ         51911           TOQ         51913           TOS         51913           TOU         51913           TOU<td>TPF         51896           TNV         51897           TOA         51898           TOB         51899           TOC         51900           TOC         51900           TOC         51900           TOC         51900           TOC         51900           TOC         51900           TOC         51901           TOC         51902           TOC         51903           TOG         51904           TOL         51903           TOL         51901           TOL         51901           TOL         51901           TOL         51911           TOL         51913           TOC         51914           TOC         51913           TOC         51914           TOL         51913           TOV         51914           TOV<td>TPF         51896           TNV         51897           TOA         51897           TOB         51893           TOB         51893           TOC         51900           TOC         51900           TOC         51900           TOC         51900           TOC         51900           TOC         51900           TOC         51904           TOC         51904           TOC         51904           TOL         51904           TOL         51904           TOL         51904           TOL         51904           TOL         51904           TOL         51914           TOC         51914           TOV         51914           TOV         51914           TOV<td>TPF         51896           TNV         51897           TOA         51898           TOB         51899           TOC         51900           TOC         51901           TOC         51901           TOC         51901           TOC         51901           TOC         51902           TOC         51903           TOC         51904           TOC         51903           TOC         51904           TOL         51903           TOL         51904           TOL         51903           TOL         51903           TOL         51903           TOC         51914           TOC         51914           TON         51914           TON         51914           TOU         51914           TPC         51914           TPC         51914           TPC<td>TPF         51896           TNV         51897           TOA         51897           TOB         51893           TOC         51900           TOC         51900           TOC         51900           TOC         51900           TOC         51900           TOC         51900           TOC         51901           TOC         51902           TOC         51903           TOC         51903           TOL         51903           TOL         51901           TOL         51901           TOL         51901           TOL         51911           TOL         51913           TOL         51913           TOC         51914           TOC         51914           TOC         51914           TOL         51914           TOL<td>TPF         51896           TNV         51897           TOA         51898           TOB         51899           TOC         51900           TOC         51900           TOC         51900           TOC         51900           TOC         51900           TOC         51900           TOC         51901           TOC         51903           TOC         51903           TOL         51903           TOL         51903           TOL         51903           TOL         51910           TOL         51911           TOL         51913           TOL         51914           TOL<td>TPF         51896           TNV         51897           TOA         51893           TOB         51893           TOC         51900           TOC         51900           TOC         51900           TOC         51900           TOC         51900           TOC         51901           TOC         51901           TOC         51903           TOC         51904           TOL         51903           TOL         51904           TOL         51901           TOL         51911           TOL         51911           TOL         51913           TOL         51914           TOL         51914           TOL         51914           TOC         51914           TOC<td>TPF         51896           TNV         51897           TOA         51893           TOB         51893           TOC         51900           TOC         51900           TOC         51900           TOC         51900           TOC         51900           TOC         51900           TOC         51901           TOC         51903           TOC         51904           TOC         51903           TOL         51904           TOL         51901           TOL         51911           TOL         51911           TOL         51911           TOC         51911           TOC<td>TPF         51896           TNV         51897           TOA         51893           TOB         51893           TOC         51900           TOC         51900           TOC         51900           TOC         51900           TOC         51900           TOC         51900           TOC         51901           TOC         51902           TOC         51903           TOC         51904           TOL         51903           TOL         51904           TOL         51911           TOL         51911           TOL         51911           TOC         51913           TOC         51914           TOC<td>TPF         51896           TNV         51897           TOA         51893           TOB         51893           TOB         51893           TOC         51900           TOC         51901           TOC         51901           TOC         51901           TOB         51901           TOC         51902           TOC         51903           TOC         51904           TOC         51904           TOL         51904           TOL         51904           TOL         51911           TOL         51911           TOL         51913           TOC         51914           TOL         51914           TOL         51914           TOC         51914           TPO         51920           TPO<td>TPF         51896           TNV         51897           TOA         51893           TOB         51893           TOB         51893           TOC         51900           TOC         51901           TOC         51901           TOC         51901           TOC         51901           TOC         51902           TOC         51903           TOC         51904           TOL         51904           TOL         51904           TOL         51912           TOL         51913           TOL         51914           TOL         51913           TOC         51914           TOL         51913           TOC         51914           TOC         51924           TPC         51924           TPC<td>TPF         51896           TNV         51897           TOA         51893           TOB         51893           TOB         51893           TOB         51900           TOC         51900           TOC         51900           TOC         51900           TOC         51900           TOC         51900           TOC         51901           TOF         51903           TOC         51904           TOI         51906           TOI         51903           TOI         51914           TON         51914           TON</td></td></td></td></td></td></td></td></td></td></td></td></td> | TPF         51896           TNV         51897           TOA         51898           TOB         51899           TOB         51899           TOB         51899           TOC         51900           TOC         51901           TOC         51901           TOC         51901           TOC         51902           TOC         51903           TOC         51904           TOG         51906           TOI         51906 
         TOI         51906           TOI         51906           TOI         51906           TOI         51906           TOO         51901           TOS         51914   
   | TPF         51896           TNV         51897           TOA         51898           TOB         51899           TOB         51890           TOC         51900           TOG         51900           TOI         51900           TOI         51900           TOI         51901           TOI         51901           TOI         51901           TOI         51901           TOO         51911           TOS         51913   
   
   | TPF         51896           TNV         51897           TOA         51897           TOB         51893           TOB         51893           TOB         51893           TOB         51893           TOB         51893           TOB         51900           TOC         51900           TOC         51901           TOB         51902           TOB         51904           TOB         51904           TOI         51904           TOI         51906           TOI         51906           TOI         51906           TOI         51906           TOC         51911           TOO         51913           TOC         51913           TOO         51914           TOU         51914           TOU         51914           TOU <td>TPF         51896           TNV         51897           TOA         51898           TOB         51899           TOC         51900           TOC         51901           TOC         51901           TOC         51901           TOC         51901           TOC         51901           TOC         51902           TOC         51903           TOC         51904           TOL         51905           TOL         51906           TOL         51906           TOL         51903           TOL         51903           TOL         51903           TOL         51903           TOC         51910           TOQ         51911           TOQ         51913           TOS         51913           TOU         51913           TOU<td>TPF         51896           TNV         51897           TOA         51898           TOB         51899           TOC         51900           TOC         51900           TOC         51900           TOC         51900           TOC         51900           TOC         51900           TOC         51901           TOC         51902           TOC         51903           TOG         51904           TOL         51903           TOL         51901           TOL         51901           TOL         51901           TOL         51911           TOL         51913           TOC         51914           TOC         51913           TOC         51914           TOL         51913           TOV         51914           TOV<td>TPF         51896           TNV         51897           TOA         51897           TOB         51893           TOB         51893           TOC         51900           TOC         51900           TOC         51900           TOC         51900           TOC         51900           TOC         51900           TOC         51904           TOC         51904           TOC         51904           TOL         51904           TOL         51904           TOL         51904           TOL         51904           TOL         51904           TOL         51914           TOC         51914           TOV         51914           TOV         51914           TOV<td>TPF         51896           TNV         51897           TOA         51898           TOB         51899           TOC         51900           TOC         51901           TOC         51901           TOC         51901           TOC         51901           TOC         51902           TOC         51903           TOC         51904           TOC         51903           TOC         51904           TOL         51903           TOL         51904           TOL         51903           TOL         51903           TOL         51903           TOC         51914           TOC         51914           TON         51914           TON         51914           TOU         51914           TPC         51914           TPC         51914           TPC<td>TPF         51896           TNV         51897           TOA         51897           TOB         51893           TOC         51900           TOC         51900           TOC         51900           TOC         51900           TOC         51900           TOC         51900           TOC         51901           TOC         51902           TOC         51903           TOC         51903           TOL         51903           TOL         51901           TOL         51901           TOL         51901           TOL         51911           TOL         51913           TOL         51913           TOC         51914           TOC         51914           TOC         51914           TOL         51914           TOL<td>TPF         51896           TNV         51897           TOA         51898           TOB         51899           TOC         51900           TOC         51900           TOC         51900           TOC         51900           TOC         51900           TOC         51900           TOC         51901           TOC         51903           TOC         51903           TOL         51903           TOL         51903           TOL         51903           TOL         51910           TOL         51911           TOL         51913           TOL         51914           TOL<td>TPF         51896           TNV         51897           TOA         51893           TOB         51893           TOC         51900           TOC         51900           TOC         51900           TOC         51900           TOC         51900           TOC         51901           TOC         51901           TOC         51903           TOC         51904           TOL         51903           TOL         51904           TOL         51901           TOL         51911           TOL         51911           TOL         51913           TOL         51914           TOL         51914           TOL         51914           TOC         51914           TOC<td>TPF         51896           TNV         51897           TOA         51893           TOB         51893           TOC         51900           TOC         51900           TOC         51900           TOC         51900           TOC         51900           TOC         51900           TOC         51901           TOC         51903           TOC         51904           TOC         51903           TOL         51904           TOL         51901           TOL         51911           TOL         51911           TOL         51911           TOC         51911           TOC<td>TPF         51896           TNV         51897           TOA         51893           TOB         51893           TOC         51900           TOC         51900           TOC         51900           TOC         51900           TOC         51900           TOC         51900           TOC         51901           TOC         51902           TOC         51903           TOC         51904           TOL         51903           TOL         51904           TOL         51911           TOL         51911           TOL         51911           TOC         51913           TOC         51914           TOC<td>TPF         51896           TNV         51897           TOA         51893           TOB         51893           TOB         51893           TOC         51900           TOC         51901           TOC         51901           TOC         51901           TOB         51901           TOC         51902           TOC         51903           TOC         51904           TOC         51904           TOL         51904           TOL         51904           TOL         51911           TOL         51911           TOL         51913           TOC         51914           TOL         51914           TOL         51914           TOC         51914           TPO         51920           TPO<td>TPF         51896           TNV         51897           TOA         51893           TOB         51893           TOB         51893           TOC         51900           TOC         51901           TOC         51901           TOC         51901           TOC         51901           TOC         51902           TOC         51903           TOC         51904           TOL         51904           TOL         51904           TOL         51912           TOL         51913           TOL         51914           TOL         51913           TOC         51914           TOL         51913           TOC         51914           TOC         51924           TPC         51924           TPC<td>TPF         51896           TNV         51897           TOA         51893           TOB         51893           TOB         51893           TOB         51900           TOC         51900           TOC         51900           TOC         51900           TOC         51900           TOC         51900           TOC         51901           TOF         51903           TOC         51904           TOI         51906           TOI         51903           TOI         51914           TON         51914           TON</td></td></td></td></td></td></td></td></td></td></td></td> | TPF         51896           TNV         51897           TOA         51898           TOB         51899           TOC         51900           TOC         51901           TOC         51901           TOC         51901           TOC         51901           TOC         51901           TOC         51902           TOC         51903           TOC         51904           TOL         51905           TOL         51906           TOL         51906           TOL         51903           TOL         51903           TOL         51903           TOL         51903           TOC        
51910           TOQ         51911           TOQ         51913           TOS         51913           TOU         51913           TOU <td>TPF         51896           TNV         51897           TOA         51898           TOB         51899           TOC         51900           TOC         51900           TOC         51900           TOC         51900           TOC         51900           TOC         51900           TOC         51901           TOC         51902           TOC         51903           TOG         51904           TOL         51903           TOL         51901           TOL         51901           TOL         51901           TOL         51911           TOL         51913           TOC         51914           TOC         51913           TOC         51914           TOL         51913           TOV         51914           TOV<td>TPF         51896           TNV         51897           TOA         51897           TOB         51893           TOB         51893           TOC         51900           TOC         51900           TOC         51900           TOC         51900           TOC         51900           TOC         51900           TOC         51904           TOC         51904           TOC         51904           TOL         51904           TOL         51904           TOL         51904           TOL         51904           TOL         51904           TOL         51914           TOC         51914           TOV         51914           TOV         51914           TOV<td>TPF         51896           TNV         51897           TOA         51898           TOB         51899           TOC         51900           TOC         51901           TOC         51901           TOC         51901           TOC         51901           TOC         51902           TOC         51903           TOC         51904           TOC         51903           TOC         51904           TOL         51903           TOL         51904           TOL         51903           TOL         51903           TOL         51903           TOC         51914           TOC         51914           TON         51914           TON         51914           TOU         51914           TPC         51914           TPC         51914           TPC<td>TPF         51896           TNV         51897           TOA         51897           TOB         51893           TOC         51900           TOC         51900           TOC         51900           TOC         51900           TOC         51900           TOC         51900           TOC         51901           TOC         51902           TOC         51903           TOC         51903           TOL         51903           TOL         51901           TOL         51901           TOL         51901           TOL         51911           TOL         51913           TOL         51913           TOC         51914           TOC         51914           TOC         51914           TOL         51914           TOL<td>TPF         51896           TNV         51897           TOA         51898           TOB         51899           TOC         51900           TOC         51900           TOC         51900           TOC         51900           TOC         51900           TOC         51900           TOC         51901           TOC         51903           TOC         51903           TOL         51903           TOL         51903           TOL         51903           TOL         51910           TOL         51911           TOL         51913           TOL         51914           TOL<td>TPF         51896           TNV         51897           TOA         51893           TOB         51893           TOC         51900           TOC         51900           TOC         51900           TOC         51900           TOC         51900           TOC         51901           TOC         51901           TOC         51903           TOC         51904           TOL         51903           TOL         51904           TOL         51901           TOL         51911           TOL         51911           TOL         51913           TOL         51914           TOL         51914           TOL         51914           TOC         51914           TOC<td>TPF         51896           TNV         51897           TOA         51893           TOB         51893           TOC         51900           TOC         51900           TOC         51900           TOC         51900           TOC         51900           TOC         51900           TOC         51901           TOC         51903           TOC         51904           TOC         51903           TOL         51904           TOL         51901           TOL         51911           TOL         51911           TOL         51911           TOC         51911           TOC<td>TPF         51896           TNV         51897           TOA         51893           TOB         51893           TOC         51900           TOC         51900           TOC         51900           TOC         51900           TOC         51900           TOC         51900           TOC         51901           TOC         51902           TOC         51903           TOC         51904           TOL         51903           TOL         51904           TOL         51911           TOL         51911           TOL         51911           TOC         51913           TOC         51914           TOC<td>TPF         51896           TNV         51897           TOA         51893           TOB         51893           TOB         51893           TOC         51900           TOC         51901           TOC         51901           TOC         51901           TOB         51901           TOC         51902           TOC         51903           TOC         51904           TOC         51904           TOL         51904           TOL         51904           TOL         51911           TOL         51911           TOL         51913           TOC         51914           TOL         51914           TOL         51914           TOC         51914           TPO         51920           TPO<td>TPF         51896           TNV         51897           TOA         51893           TOB         51893           TOB         51893           TOC         51900           TOC         51901           TOC         51901           TOC         51901           TOC         51901           TOC         51902           TOC         51903           TOC         51904           TOL         51904           TOL         51904           TOL         51912           TOL         51913           TOL         51914           TOL         51913           TOC         51914           TOL         51913           TOC         51914           TOC         51924           TPC         51924           TPC<td>TPF         51896           TNV         51897           TOA         51893           TOB         51893           TOB         51893           TOB         51900           TOC         51900           TOC         51900           TOC         51900           TOC         51900           TOC         51900           TOC         51901           TOF         51903           TOC         51904           TOI         51906           TOI         51903           TOI         51914           TON         51914           TON</td></td></td></td></td></td></td></td></td></td></td>  | TPF         51896           TNV         51897           TOA         51898           TOB         51899           TOC         51900           TOC         51900           TOC         51900           TOC         51900           TOC         51900           TOC         51900           TOC         51901           TOC         51902           TOC         51903           TOG         51904           TOL         51903           TOL         51901           TOL         51901           TOL  
      51901           TOL         51911           TOL         51913           TOC         51914           TOC         51913           TOC         51914           TOL         51913           TOV         51914           TOV <td>TPF         51896           TNV         51897           TOA         51897           TOB         51893           TOB         51893           TOC         51900           TOC         51900           TOC         51900           TOC         51900           TOC         51900           TOC         51900           TOC         51904           TOC         51904           TOC         51904           TOL         51904           TOL         51904           TOL         51904           TOL         51904           TOL         51904           TOL         51914           TOC         51914           TOV         51914           TOV         51914           TOV<td>TPF         51896           TNV         51897           TOA         51898           TOB         51899           TOC         51900           TOC         51901           TOC         51901           TOC         51901           TOC         51901           TOC         51902           TOC         51903           TOC         51904           TOC         51903           TOC         51904           TOL         51903           TOL         51904           TOL         51903           TOL         51903           TOL         51903           TOC         51914           TOC         51914           TON         51914           TON         51914           TOU         51914           TPC         51914           TPC         51914           TPC<td>TPF         51896           TNV         51897           TOA         51897           TOB         51893           TOC         51900           TOC         51900           TOC         51900           TOC         51900           TOC         51900           TOC         51900           TOC         51901           TOC         51902           TOC         51903           TOC         51903           TOL         51903           TOL         51901           TOL         51901           TOL         51901           TOL         51911           TOL         51913           TOL         51913           TOC         51914           TOC         51914           TOC         51914           TOL         51914           TOL<td>TPF         51896           TNV         51897           TOA         51898           TOB         51899           TOC         51900           TOC         51900           TOC         51900           TOC         51900           TOC         51900           TOC         51900           TOC         51901           TOC         51903           TOC         51903           TOL         51903           TOL         51903           TOL         51903           TOL         51910           TOL         51911           TOL         51913           TOL         51914           TOL<td>TPF         51896           TNV         51897           TOA         51893           TOB         51893           TOC         51900           TOC         51900           TOC         51900           TOC         51900           TOC         51900           TOC         51901           TOC         51901           TOC         51903           TOC         51904           TOL         51903           TOL         51904           TOL         51901           TOL         51911           TOL         51911           TOL         51913           TOL         51914           TOL         51914           TOL         51914           TOC         51914           TOC<td>TPF         51896           TNV         51897           TOA         51893           TOB         51893           TOC         51900           TOC         51900           TOC         51900           TOC         51900           TOC         51900           TOC         51900           TOC         51901           TOC         51903           TOC         51904           TOC         51903           TOL         51904           TOL         51901           TOL         51911           TOL         51911           TOL         51911           TOC         51911           TOC<td>TPF         51896           TNV         51897           TOA         51893           TOB         51893           TOC         51900           TOC         51900           TOC         51900           TOC         51900           TOC         51900           TOC         51900           TOC         51901           TOC         51902           TOC         51903           TOC         51904           TOL         51903           TOL         51904           TOL         51911           TOL         51911           TOL         51911           TOC         51913           TOC         51914           TOC<td>TPF         51896           TNV         51897           TOA         51893           TOB         51893           TOB         51893           TOC         51900           TOC         51901           TOC         51901           TOC         51901           TOB         51901           TOC         51902           TOC         51903           TOC         51904           TOC         51904           TOL         51904           TOL         51904           TOL         51911           TOL         51911           TOL         51913           TOC         51914           TOL         51914           TOL         51914           TOC         51914           TPO         51920           TPO<td>TPF         51896           TNV         51897           TOA         51893           TOB         51893           TOB         51893           TOC         51900           TOC         51901           TOC         51901           TOC         51901           TOC         51901           TOC         51902           TOC         51903           TOC         51904           TOL         51904           TOL         51904           TOL         51912           TOL         51913           TOL         51914           TOL         51913           TOC         51914           TOL         51913           TOC         51914           TOC         51924           TPC         51924           TPC<td>TPF         51896           TNV         51897           TOA         51893           TOB         51893           TOB         51893           TOB         51900           TOC         51900           TOC         51900           TOC         51900           TOC         51900           TOC         51900           TOC         51901           TOF         51903           TOC         51904           TOI         51906           TOI         51903           TOI         51914           TON         51914           TON</td></td></td></td></td></td></td></td></td></td>   | TPF         51896           TNV         51897           TOA         51897           TOB         51893           TOB         51893           TOC         51900           TOC         51900           TOC         51900           TOC         51900           TOC         51900           TOC         51900           TOC         51904           TOC         51904           TOC         51904           TOL         51904           TOL         51904           TOL         51904           TOL         51904           TOL         51904           TOL         51914           TOC         51914           TOV         51914           TOV         51914           TOV <td>TPF         51896           TNV         51897           TOA         51898           TOB         51899           TOC         51900           TOC         51901           TOC         51901           TOC         51901           TOC         51901           TOC         51902           TOC         51903           TOC         51904           TOC         51903           TOC         51904           TOL         51903           TOL         51904           TOL         51903           TOL         51903           TOL         51903           TOC         51914           TOC         51914           TON         51914           TON         51914           TOU         51914           TPC         51914           TPC         51914           TPC<td>TPF         51896           TNV         51897           TOA         51897           TOB         51893           TOC         51900           TOC         51900           TOC         51900           TOC         51900           TOC         51900           TOC         51900           TOC         51901           TOC         51902           TOC         51903           TOC         51903           TOL         51903           TOL         51901           TOL         51901           TOL         51901           TOL         51911           TOL         51913           TOL         51913           TOC         51914           TOC         51914           TOC         51914           TOL         51914           TOL<td>TPF         51896           TNV         51897           TOA         51898           TOB         51899           TOC         51900           TOC         51900           TOC         51900           TOC         51900           TOC         51900           TOC         51900           TOC         51901           TOC         51903           TOC         51903           TOL         51903           TOL         51903           TOL         51903           TOL         51910           TOL         51911           TOL         51913           TOL         51914           TOL<td>TPF         51896           TNV         51897           TOA         51893           TOB         51893           TOC         51900           TOC         51900           TOC         51900           TOC         51900           TOC         51900           TOC         51901           TOC         51901           TOC         51903           TOC         51904           TOL         51903           TOL         51904           TOL         51901           TOL         51911           TOL  
      51911           TOL         51913           TOL         51914           TOL         51914           TOL         51914           TOC         51914           TOC<td>TPF         51896           TNV         51897           TOA         51893           TOB         51893           TOC         51900           TOC         51900           TOC         51900           TOC         51900           TOC         51900           TOC         51900           TOC         51901           TOC         51903           TOC         51904           TOC         51903           TOL         51904           TOL         51901           TOL         51911           TOL         51911           TOL         51911           TOC         51911           TOC<td>TPF         51896           TNV         51897           TOA         51893           TOB         51893           TOC         51900           TOC         51900           TOC         51900           TOC         51900           TOC         51900           TOC         51900           TOC         51901           TOC         51902           TOC         51903           TOC         51904           TOL         51903           TOL         51904           TOL         51911           TOL         51911           TOL         51911           TOC         51913           TOC         51914           TOC<td>TPF         51896           TNV         51897           TOA         51893           TOB         51893           TOB         51893           TOC         51900           TOC         51901           TOC         51901           TOC         51901           TOB         51901           TOC         51902           TOC         51903           TOC         51904           TOC         51904           TOL         51904           TOL         51904           TOL         51911           TOL         51911           TOL         51913           TOC         51914           TOL         51914           TOL         51914           TOC         51914           TPO         51920           TPO<td>TPF         51896           TNV         51897           TOA         51893           TOB         51893           TOB         51893           TOC         51900           TOC         51901           TOC         51901           TOC         51901           TOC         51901           TOC         51902           TOC         51903           TOC         51904           TOL         51904           TOL         51904           TOL         51912           TOL         51913           TOL         51914           TOL         51913           TOC         51914           TOL         51913           TOC         51914           TOC         51924           TPC         51924           TPC<td>TPF         51896           TNV         51897           TOA         51893           TOB         51893           TOB         51893           TOB         51900           TOC         51900           TOC         51900           TOC         51900           TOC         51900           TOC         51900           TOC         51901           TOF         51903           TOC         51904           TOI         51906           TOI         51903           TOI         51914           TON         51914           TON</td></td></td></td></td></td></td></td></td>  | TPF         51896           TNV         51897           TOA         51898           TOB         51899           TOC         51900           TOC         51901           TOC         51901           TOC         51901           TOC         51901           TOC         51902           TOC         51903           TOC         51904           TOC         51903           TOC         51904           TOL         51903           TOL         51904           TOL         51903           TOL         51903           TOL         51903           TOC         51914           TOC         51914           TON         51914           TON         51914           TOU         51914           TPC         51914           TPC         51914           TPC <td>TPF         51896           TNV         51897           TOA         51897           TOB         51893           TOC         51900           TOC         51900           TOC         51900           TOC         51900           TOC         51900           TOC         51900           TOC         51901           TOC         51902           TOC         51903           TOC         51903           TOL         51903           TOL         51901           TOL         51901           TOL         51901           TOL         51911           TOL         51913           TOL         51913           TOC         51914           TOC         51914           TOC         51914           TOL         51914           TOL<td>TPF         51896           TNV         51897           TOA         51898           TOB         51899           TOC         51900           TOC         51900           TOC         51900           TOC         51900           TOC         51900           TOC         51900           TOC         51901           TOC         51903           TOC         51903           TOL         51903           TOL         51903           TOL         51903           TOL         51910           TOL         51911           TOL         51913           TOL         51914           TOL<td>TPF         51896           TNV         51897           TOA         51893           TOB         51893           TOC         51900           TOC         51900           TOC         51900           TOC         51900           TOC         51900           TOC         51901           TOC         51901           TOC         51903           TOC         51904           TOL         51903           TOL         51904           TOL         51901           TOL         51911           TOL         51911           TOL         51913           TOL         51914           TOL         51914           TOL         51914           TOC         51914           TOC<td>TPF         51896           TNV         51897           TOA         51893           TOB         51893           TOC         51900           TOC         51900           TOC         51900           TOC         51900           TOC         51900           TOC         51900           TOC         51901           TOC         51903           TOC         51904           TOC         51903           TOL         51904           TOL         51901           TOL         51911           TOL         51911           TOL         51911           TOC         51911           TOC<td>TPF         51896           TNV         51897           TOA         51893           TOB         51893           TOC         51900           TOC         51900           TOC         51900           TOC         51900           TOC         51900           TOC         51900           TOC         51901           TOC         51902           TOC         51903           TOC         51904           TOL         51903           TOL         51904           TOL         51911           TOL         51911           TOL         51911           TOC         51913           TOC         51914           TOC<td>TPF         51896           TNV         51897           TOA         51893           TOB         51893           TOB         51893           TOC         51900           TOC         51901           TOC         51901           TOC         51901           TOB         51901           TOC         51902           TOC         51903           TOC         51904           TOC         51904           TOL         51904           TOL         51904           TOL         51911           TOL         51911           TOL         51913           TOC         51914           TOL         51914           TOL         51914           TOC         51914           TPO         51920           TPO<td>TPF         51896           TNV         51897           TOA         51893           TOB         51893           TOB         51893           TOC         51900           TOC         51901           TOC         51901           TOC         51901           TOC         51901           TOC         51902           TOC         51903           TOC         51904           TOL         51904           TOL         51904           TOL         51912           TOL         51913           TOL         51914           TOL         51913           TOC         51914           TOL         51913           TOC         51914           TOC         51924           TPC         51924           TPC<td>TPF         51896           TNV         51897           TOA         51893           TOB         51893           TOB         51893           TOB         51900           TOC         51900           TOC         51900           TOC         51900           TOC         51900           TOC         51900           TOC         51901           TOF         51903           TOC         51904           TOI         51906           TOI         51903           TOI         51914           TON         51914           TON</td></td></td></td></td></td></td></td>  
  | TPF         51896           TNV         51897           TOA         51897           TOB         51893           TOC         51900           TOC         51900           TOC         51900           TOC         51900           TOC         51900           TOC         51900           TOC         51901           TOC         51902           TOC         51903           TOC         51903           TOL         51903           TOL         51901           TOL         51901           TOL         51901           TOL         51911           TOL         51913           TOL         51913           TOC         51914           TOC         51914           TOC         51914           TOL         51914           TOL <td>TPF         51896           TNV         51897           TOA         51898           TOB         51899           TOC         51900           TOC         51900           TOC         51900           TOC         51900           TOC         51900           TOC         51900           TOC         51901           TOC         51903           TOC         51903           TOL         51903           TOL         51903           TOL         51903           TOL         51910           TOL         51911           TOL         51913           TOL         51914           TOL<td>TPF         51896           TNV         51897           TOA         51893           TOB         51893           TOC         51900           TOC         51900           TOC         51900           TOC         51900           TOC         51900           TOC         51901           TOC         51901           TOC         51903           TOC         51904           TOL         51903           TOL         51904           TOL         51901           TOL         51911           TOL         51911           TOL         51913           TOL         51914           TOL         51914           TOL         51914           TOC         51914           TOC<td>TPF         51896           TNV         51897           TOA         51893           TOB         51893           TOC         51900           TOC         51900           TOC         51900           TOC         51900           TOC         51900           TOC         51900           TOC         51901           TOC         51903           TOC         51904           TOC         51903           TOL         51904           TOL         51901           TOL         51911           TOL         51911           TOL         51911           TOC         51911           TOC<td>TPF         51896           TNV         51897           TOA         51893           TOB         51893           TOC         51900           TOC         51900           TOC         51900           TOC         51900           TOC         51900           TOC         51900           TOC         51901           TOC         51902           TOC         51903           TOC         51904           TOL         51903           TOL         51904           TOL         51911           TOL         51911           TOL         51911           TOC         51913           TOC         51914           TOC<td>TPF         51896           TNV         51897           TOA         51893           TOB         51893           TOB         51893           TOC         51900           TOC         51901           TOC         51901           TOC         51901           TOB         51901           TOC         51902           TOC         51903           TOC         51904           TOC         51904           TOL         51904           TOL         51904           TOL         51911           TOL         51911           TOL         51913           TOC         51914           TOL         51914           TOL         51914           TOC         51914           TPO         51920           TPO<td>TPF         51896           TNV         51897           TOA         51893           TOB         51893           TOB         51893           TOC         51900           TOC         51901           TOC         51901           TOC         51901           TOC         51901           TOC         51902           TOC         51903           TOC         51904           TOL         51904           TOL         51904           TOL         51912           TOL         51913           TOL         51914           TOL         51913           TOC         51914           TOL         51913           TOC         51914           TOC         51924           TPC         51924           TPC<td>TPF         51896           TNV         51897           TOA         51893           TOB         51893           TOB         51893           TOB         51900           TOC         51900           TOC         51900           TOC         51900           TOC         51900           TOC         51900           TOC         51901           TOF         51903           TOC         51904           TOI         51906           TOI         51903           TOI         51914           TON         51914           TON</td></td></td></td></td></td></td>   | TPF         51896           TNV         51897           TOA         51898           TOB         51899           TOC         51900           TOC         51900           TOC         51900           TOC         51900          
TOC         51900           TOC         51900           TOC         51901           TOC         51903           TOC         51903           TOL         51903           TOL         51903           TOL         51903           TOL         51910           TOL         51911           TOL         51913           TOL         51914           TOL <td>TPF         51896           TNV         51897           TOA         51893           TOB         51893           TOC         51900           TOC         51900           TOC         51900           TOC         51900           TOC         51900           TOC         51901           TOC         51901           TOC         51903           TOC         51904           TOL         51903           TOL         51904           TOL         51901           TOL         51911           TOL         51911           TOL         51913           TOL         51914           TOL         51914           TOL         51914           TOC         51914           TOC<td>TPF         51896           TNV         51897           TOA         51893           TOB         51893           TOC         51900           TOC         51900           TOC         51900           TOC         51900           TOC         51900           TOC         51900           TOC         51901           TOC         51903           TOC         51904           TOC         51903           TOL         51904           TOL         51901           TOL         51911           TOL         51911           TOL         51911           TOC         51911           TOC<td>TPF         51896           TNV         51897           TOA         51893           TOB         51893           TOC         51900           TOC         51900           TOC         51900           TOC         51900           TOC         51900           TOC         51900           TOC         51901           TOC         51902           TOC         51903           TOC         51904           TOL         51903           TOL         51904           TOL         51911           TOL         51911           TOL         51911           TOC         51913           TOC         51914           TOC<td>TPF         51896           TNV         51897           TOA         51893           TOB         51893           TOB         51893           TOC         51900           TOC         51901           TOC         51901           TOC         51901           TOB         51901           TOC         51902           TOC         51903           TOC         51904           TOC         51904           TOL         51904           TOL         51904           TOL         51911           TOL         51911           TOL         51913           TOC         51914           TOL         51914           TOL         51914           TOC         51914           TPO         51920           TPO<td>TPF         51896           TNV         51897           TOA         51893           TOB         51893           TOB         51893           TOC         51900           TOC         51901           TOC         51901           TOC         51901           TOC         51901           TOC         51902           TOC         51903           TOC         51904           TOL         51904           TOL         51904           TOL         51912           TOL         51913           TOL         51914           TOL         51913           TOC         51914           TOL         51913           TOC         51914           TOC         51924           TPC         51924           TPC<td>TPF         51896           TNV         51897           TOA         51893           TOB         51893           TOB         51893           TOB         51900           TOC         51900           TOC         51900           TOC         51900           TOC         51900           TOC         51900           TOC         51901           TOF         51903           TOC         51904           TOI         51906           TOI         51903           TOI         51914           TON         51914           TON</td></td></td></td></td></td> | TPF         51896           TNV         51897           TOA         51893           TOB         51893           TOC         51900           TOC         51900           TOC         51900           TOC         51900           TOC         51900           TOC         51901           TOC         51901           TOC         51903           TOC         51904           TOL         51903           TOL         51904           TOL         51901           TOL         51911           TOL         51911           TOL         51913           TOL         51914           TOL         51914           TOL         51914           TOC         51914           TOC <td>TPF         51896           TNV         51897           TOA         51893           TOB         51893           TOC         51900           TOC         51900           TOC         51900           TOC         51900           TOC         51900           TOC         51900           TOC         51901           TOC         51903           TOC         51904           TOC         51903           TOL         51904           TOL         51901           TOL         51911           TOL         51911           TOL         51911           TOC         51911           TOC<td>TPF         51896           TNV         51897           TOA         51893           TOB         51893           TOC         51900           TOC         51900           TOC         51900           TOC         51900           TOC         51900           TOC         51900           TOC         51901           TOC         51902           TOC         51903           TOC         51904           TOL         51903           TOL         51904           TOL         51911           TOL         51911           TOL         51911           TOC         51913           TOC         51914           TOC<td>TPF         51896           TNV         51897           TOA         51893           TOB         51893           TOB         51893           TOC         51900           TOC         51901           TOC         51901           TOC         51901           TOB         51901           TOC         51902           TOC         51903           TOC         51904           TOC         51904           TOL         51904           TOL         51904           TOL         51911           TOL         51911           TOL         51913           TOC         51914           TOL         51914           TOL         51914           TOC         51914           TPO         51920           TPO<td>TPF         51896           TNV         51897           TOA         51893           TOB         51893           TOB         51893           TOC         51900           TOC         51901           TOC         51901           TOC         51901           TOC         51901           TOC         51902           TOC         51903           TOC         51904           TOL         51904           TOL         51904           TOL         51912           TOL         51913           TOL         51914           TOL         51913           TOC         51914           TOL         51913           TOC         51914           TOC         51924           TPC         51924           TPC<td>TPF         51896           TNV         51897           TOA         51893           TOB         51893           TOB         51893           TOB         51900           TOC         51900           TOC         51900           TOC         51900           TOC         51900           TOC         51900           TOC         51901           TOF         51903           TOC         51904           TOI         51906           TOI         51903           TOI         51914           TON         51914           TON</td></td></td></td></td>   | TPF         51896           TNV         51897           TOA         51893           TOB         51893           TOC         51900           TOC         51900           TOC         51900           TOC         51900           TOC         51900           TOC         51900           TOC         51901           TOC         51903           TOC         51904           TOC         51903    
      TOL         51904           TOL         51901           TOL         51911           TOL         51911           TOL         51911           TOC         51911           TOC <td>TPF         51896           TNV         51897           TOA         51893           TOB         51893           TOC         51900           TOC         51900           TOC         51900           TOC         51900           TOC         51900           TOC         51900           TOC         51901           TOC         51902           TOC         51903           TOC         51904           TOL         51903           TOL         51904           TOL         51911           TOL         51911           TOL         51911           TOC         51913           TOC         51914           TOC<td>TPF         51896           TNV         51897           TOA         51893           TOB         51893           TOB         51893           TOC         51900           TOC         51901           TOC         51901           TOC         51901           TOB         51901           TOC         51902           TOC         51903           TOC         51904           TOC         51904           TOL         51904           TOL         51904           TOL         51911           TOL         51911           TOL         51913           TOC         51914           TOL         51914           TOL         51914           TOC         51914           TPO         51920           TPO<td>TPF         51896           TNV         51897           TOA         51893           TOB         51893           TOB         51893           TOC         51900           TOC         51901           TOC         51901           TOC         51901           TOC         51901           TOC         51902           TOC         51903           TOC         51904           TOL         51904           TOL         51904           TOL         51912           TOL         51913           TOL         51914           TOL         51913           TOC         51914           TOL         51913           TOC         51914           TOC         51924           TPC         51924           TPC<td>TPF         51896           TNV         51897           TOA         51893           TOB         51893           TOB         51893           TOB         51900           TOC         51900           TOC         51900           TOC         51900           TOC         51900           TOC         51900           TOC         51901           TOF         51903           TOC         51904           TOI         51906           TOI         51903           TOI         51914           TON         51914           TON</td></td></td></td>   | TPF         51896           TNV         51897           TOA         51893           TOB         51893           TOC         51900           TOC         51900           TOC         51900           TOC         51900           TOC         51900           TOC         51900           TOC         51901           TOC         51902           TOC         51903           TOC         51904           TOL         51903           TOL         51904           TOL         51911           TOL         51911           TOL         51911           TOC         51913           TOC         51914           TOC <td>TPF         51896           TNV         51897           TOA         51893           TOB         51893           TOB         51893           TOC         51900           TOC         51901           TOC         51901           TOC         51901           TOB         51901           TOC         51902           TOC         51903           TOC         51904           TOC         51904           TOL         51904           TOL         51904           TOL         51911           TOL         51911           TOL         51913           TOC         51914           TOL         51914           TOL         51914           TOC         51914           TPO         51920           TPO<td>TPF         51896           TNV         51897           TOA         51893           TOB         51893           TOB         51893           TOC         51900           TOC         51901           TOC         51901           TOC         51901           TOC         51901           TOC         51902           TOC         51903           TOC         51904           TOL         51904           TOL         51904           TOL         51912           TOL         51913           TOL         51914           TOL         51913           TOC         51914           TOL         51913           TOC         51914           TOC         51924           TPC         51924           TPC<td>TPF         51896           TNV         51897           TOA         51893           TOB         51893           TOB         51893           TOB         51900           TOC         51900           TOC         51900           TOC         51900           TOC         51900           TOC         51900           TOC         51901           TOF         51903           TOC         51904           TOI         51906           TOI         51903           TOI         51914           TON         51914           TON</td></td></td>  | TPF         51896           TNV         51897           TOA         51893           TOB         51893           TOB         51893           TOC         51900           TOC         51901           TOC         51901           TOC         51901           TOB         51901           TOC         51902           TOC         51903           TOC         51904           TOC         51904           TOL         51904           TOL         51904           TOL         51911           TOL         51911           TOL         51913           TOC         51914           TOL         51914           TOL         51914           TOC         51914           TPO         51920           TPO <td>TPF         51896           TNV         51897           TOA         51893           TOB         51893           TOB         51893           TOC         51900           TOC         51901           TOC         51901           TOC         51901           TOC         51901           TOC         51902           TOC         51903           TOC         51904           TOL         51904           TOL         51904           TOL         51912           TOL         51913           TOL         51914           TOL         51913           TOC         51914           TOL         51913           TOC         51914           TOC         51924           TPC         51924           TPC<td>TPF         51896           TNV         51897           TOA         51893           TOB         51893           TOB         51893           TOB         51900           TOC         51900           TOC         51900           TOC         51900           TOC         51900           TOC         51900           TOC         51901           TOF         51903           TOC         51904           TOI         51906           TOI         51903           TOI         51914           TON         51914           TON</td></td>  | TPF         51896           TNV         51897           TOA         51893           TOB         51893           TOB         51893           TOC         51900           TOC         51901           TOC         51901           TOC         51901           TOC         51901           TOC         51902           TOC         51903           TOC         51904           TOL         51904           TOL         51904           TOL         51912           TOL         51913           TOL         51914           TOL         51913           TOC         51914           TOL         51913           TOC         51914           TOC         51924           TPC         51924           TPC <td>TPF         51896           TNV         51897           TOA         51893           TOB         51893           TOB         51893           TOB         51900           TOC         51900           TOC         51900           TOC         51900           TOC         51900           TOC         51900           TOC         51901           TOF         51903           TOC         51904           TOI         51906           TOI         51903           TOI         51914           TON         51914           TON</td>  | TPF         51896           TNV         51897           TOA         51893           TOB         51893           TOB         51893           TOB         51900           TOC         51900           TOC         51900           TOC         51900           TOC         51900           TOC         51900           TOC         51901           TOF         51903           TOC         51904           TOI         51906           TOI         51903           TOI         51914           TON   
   |
| TOA 5<br>TOA 5<br>TOB 5<br>TOC 5<br>TOC 5   | TON 5 5 5 1 100 5 5 5 5 5 5 5 5 5 5 5 5 5 5   | TOR 100 100 100 100 100 100 100 100 100 10   | TOR<br>TOR<br>TOR<br>TOR<br>TOR<br>TOR<br>TOR<br>TOR<br>TOR<br>TOR   | TNV<br>TOR<br>TOR<br>TOR<br>TOR<br>TOR<br>TOR<br>TOR<br>TOR<br>TOR<br>TOR   | TNV         5         5         5         5         5         7         10A         5         5         7         10A         5         5         10A         10 | TNV         5         5         5         5         5         5         5         5         5         7         10         5         7         10         5         7         10         5         7         10 <t< td=""><td>TNV         5           TOA         5           TOB         5           TOH         5           TOH         5           TOH         5</td><td>TNV         5         5         5         5         5         5         5         5         5         5         5         7         10         5         7         10         10         10         10         10         10         10         10         <th10< th=""> <th10< th="">         &lt;</th10<></th10<></td><td>TNV         5         5         5         5         5         5         5         5         5         5         5         5         7         10         5         7         10   
     10         &lt;</td><td>TNV         5         5         5         5         5         5         5         5         5         5         5         5         5         5         5         7         100         5         5         7         100         5         7         100         10         <th1< td=""><td>TNV         5         5         5         5         5         5         5         5         5         5         5         5         5         7         10B         5         5         7         10B         5         5         7         10B         5         7         10B         5         7         10D         5         7         10D         5         7         10D         10         10         10         10D         10         10D         10         10D         10         <th1< td=""><td>TNV         5         5         5         5         5         5         5         5         5         5         5         5         5         5         5         5         7         10B         5         5         7         10B         5         7         10B         5         7         10D         5         7         10D         5         7         10D         10<!--</td--><td>TNV         5         5         5         5         5         5         5         5         5         5         5         5         5         5         5         5         5         5         7         10B         5         5         7         10B         5         7         10C         5         7         10C         5         7         10C         10</td></td></th1<></td></th1<></td></t<> <td>TNV         5         7         100         5         5         7         100         5         7         100         10<td>TNV         5         7         100         5         5         7         100         5         5         7         100         5         7         100         10</td><td>TNV         5         7         10B         5         5         7         10B         10         <th10< th="">         &lt;</th10<></td><td>TNV         5         5         5         5         5         5         5         5         5         5         5         5         5         5         5         5         5         5         7         100         5         5         7         100         5         7         100         5         7         100         5         7         101         10<td>TNV         5         5         5         5         5         5         5         5         5         5         5         5         5         5         5         5         5         5         5         7         100         5         5         7         100         5         5         7         100         5         7         100         5         7         100         10  
      10         10         10         10         10         10</td><td>TNV         5         7         100         5         5         7         100         5         7         100         5         7         100         5         7         100         10</td><td>TNV         5         7         10         <th< td=""><td>TINU         5         7         100         5         5         100         10</td><td>TNV         5         7         100         5         5         7         100         5         7         100         5         1         100         5         1         100</td><td>TNV         5         1           TOA         5         5         5           TOB         5         5         5           TOC         5         5         5           TON         5         5         5           TMR         T         5         5           TMI         T         5         5           TMI         T         5         5           TMI         T         5         5           TMI<!--</td--><td>TNV         5         7         100         5         5         7         100         5         7         100         5         7         100         10         <th10< th=""> <th10< th=""> <th10< th=""></th10<></th10<></th10<></td><td>TNV         5         1         5         7         100         5         5         7         100         5         5         100         10         <th10< th=""> <th10< th="">         &lt;</th10<></th10<></td><td>TNV         5         1         1         5         7         100         5         5         7         101         5         7         101         5         7         101         5         7         101         10         &lt;</td><td>TNV         5         1         1         5         5         1         1         5         5         1         1         1         5         5         1         <th1< th="">         1         <th1< th=""> <th1< th=""></th1<></th1<></th1<></td><td>TNV         5         7         100         5         5         7         100         5         5         7         100         5         7         100         5         7         100         5         7         100         5         7         100         5         7         100         5         7         100         10         10         10         10         10         10         10         10         10
        10         10</td></td></th<></td></td></td> | TNV         5           TOA         5           TOB         5           TOH         5           TOH         5           TOH         5  
   
  | TNV         5         5         5         5         5         5         5         5         5         5         5         7         10         5         7         10         10         10         10         10         10         10         10 <th10< th=""> <th10< th="">         &lt;</th10<></th10<> | TNV         5         5         5         5         5         5         5         5         5         5         5         5         7         10         5         7         10         <  | TNV         5         5         5         5         5         5         5         5         5         5         5         5         5         5         5         7         100         5         5         7         100         5         7         100         10 <th1< td=""><td>TNV         5         5         5         5         5         5         5         5         5         5         5         5         5         7         10B         5         5         7         10B         5         5         7         10B         5         7         10B         5         7         10D         5         7         10D         5         7         10D         10         10         10         10D         10         10D         10         10D         10 
       10         <th1< td=""><td>TNV         5         5         5         5         5         5         5         5         5         5         5         5         5         5         5         5         7         10B         5         5         7         10B         5         7         10B         5         7         10D         5         7         10D         5         7         10D         10<!--</td--><td>TNV         5         5         5         5         5         5         5         5         5         5         5         5         5         5         5         5         5         5         7         10B         5         5         7         10B         5         7         10C         5         7         10C         5         7         10C         10</td></td></th1<></td></th1<>  
  | TNV         5         5         5         5         5         5         5         5         5         5         5         5         5         7         10B         5         5         7         10B         5         5         7        
10B         5         7         10B         5         7         10D         5         7         10D         5         7         10D         10         10         10         10D         10         10D         10         10D         10 <th1< td=""><td>TNV         5         5         5         5         5         5         5         5         5         5         5         5         5         5         5         5         7         10B         5         5         7         10B         5         7         10B         5         7         10D         5         7         10D         5         7         10D         10<!--</td--><td>TNV         5         5         5         5         5         5         5         5         5         5         5         5         5         5         5         5         5         5         7         10B         5         5         7         10B         5         7         10C         5         7         10C         5         7         10C         10</td></td></th1<>   
   | TNV         5         5         5         5         5         5         5         5         5         5         5         5         5         5         5         5         7         10B         5         5         7         10B         5         7         10B         5         7         10D         5         7         10D         5         7         10D         10 </td <td>TNV         5         5         5         5         5         5         5         5         5         5         5         5         5         5         5         5         5         5         7         10B         5         5         7         10B         5         7         10C         5         7         10C         5         7         10C         10</td>  
   
   | TNV         5         5         5         5         5         5         5         5         5         5         5         5         5         5         5         5         5         5         7         10B         5         5         7         10B         5         7         10C         5         7         10C         5         7         10C         10  
  | TNV         5         7         100         5         5         7         100         5         7         100         10 <td>TNV         5         7         100         5         5         7         100         5         5         7         100         5         7         100         10    
    10         10</td> <td>TNV         5         7         10B         5         5         7         10B         10         <th10< th="">         &lt;</th10<></td> <td>TNV         5         5         5         5         5         5         5         5         5         5         5         5         5         5         5         5         5         5         7         100         5         5         7         100         5         7         100         5         7         100         5         7         101         10<td>TNV         5         5         5         5         5         5         5         5         5         5         5         5         5         5         5         5         5         5         5         7         100         5         5         7         100         5         5         7         100         5         7         100         5         7         100         10</td><td>TNV         5         7         100         5         5         7         100         5         7         100         5         7         100         5         7         100         10</td><td>TNV         5         7         10         <th< td=""><td>TINU         5         7         100         5         5         100         10</td><td>TNV         5         7         100         5         5         7         100         5         7         100         5         1         100         5         1         100</td><td>TNV         5         1           TOA         5         5         5           TOB         5         5         5           TOC         5         5         5           TON         5         5         5           TMR         T         5         5           TMI         T         5         5           TMI         T         5         5           TMI         T         5         5           TMI<!--</td--><td>TNV         5         7         100         5         5         7         100         5         7         100         5         7         100         10         <th10< th=""> <th10< th=""> <th10< th=""></th10<></th10<></th10<></td><td>TNV         5         1         5         7         100         5         5         7         100         5         5         100         10         10         10         10         10         10         10         10         10         10         10        
10         <th10< th=""> <th10< th="">         &lt;</th10<></th10<></td><td>TNV         5         1         1         5         7         100         5         5         7         101         5         7         101         5         7         101         5         7         101         10         &lt;</td><td>TNV         5         1         1         5         5         1         1         5         5         1         1         1         5         5         1         <th1< th="">         1         <th1< th=""> <th1< th=""></th1<></th1<></th1<></td><td>TNV         5         7         100         5         5         7         100         5         5         7         100         5         7         100         5         7         100         5         7         100         5         7         100         5         7         100         5         7         100         10</td></td></th<></td></td> | TNV         5         7         100         5         5         7         100         5         5         7         100         5         7         100         10  
   | TNV         5         7         10B         5         5         7         10B         10 
       10         10 <th10< th="">         &lt;</th10<>   
  | TNV         5         5         5         5         5         5         5         5         5         5         5         5         5         5         5         5         5         5         7         100         5         5         7         100         5         7         100         5         7         100         5         7         101         10 <td>TNV         5         5         5         5         5         5         5         5         5         5         5         5         5         5         5         5         5         5         5         7         100         5         5         7         100         5         5         7         100         5         7         100         5         7         100         10</td> <td>TNV         5         7         100         5         5         7         100         5         7         100         5         7         100         5         7         100         10</td> <td>TNV         5         7         10         <th< td=""><td>TINU         5         7         100         5         5         100         10</td><td>TNV         5         7         100         5         5         7         100         5         7         100         5         1         100         5         1         100</td><td>TNV         5         1           TOA         5         5         5           TOB         5         5         5           TOC         5         5         5           TON         5         5         5           TMR         T         5         5           TMI         T         5         5           TMI         T         5         5           TMI         T         5         5           TMI<!--</td--><td>TNV         5         7         100         5         5         7         100         5         7         100         5         7         100         10         <th10< th=""> <th10< th=""> <th10< th=""></th10<></th10<></th10<></td><td>TNV         5         1         5         7         100         5         5         7         100         5         5         100         10      
  10         10         10         10         10         10         10         10         10         10         10         10         10         10         10         10         <th10< th=""> <th10< th="">         &lt;</th10<></th10<></td><td>TNV         5         1         1         5         7         100         5         5         7         101         5         7         101         5         7         101         5         7         101         10         &lt;</td><td>TNV         5         1         1         5         5         1         1         5         5         1         1         1         5         5         1         <th1< th="">         1         <th1< th=""> <th1< th=""></th1<></th1<></th1<></td><td>TNV         5         7         100         5         5         7         100         5         5         7         100         5         7         100         5         7         100         5         7         100         5         7         100         5         7         100         5         7         100         10</td></td></th<></td> | TNV         5         5         5         5         5         5         5         5         5         5         5         5         5         5         5         5         5         5         5         7         100         5         5         7         100         5         5         7         100         5         7         100         5         7         100         10   
   | TNV         5         7         100         5         5         7         100         5         7         100         5         7         100         5         7         100         10   
   | TNV         5         7         10 <th< td=""><td>TINU         5         7         100         5         5         100         10</td><td>TNV         5         7         100         5         5         7         100         5         7         100         5         1         100         5         1         100</td><td>TNV         5         1           TOA         5         5         5           TOB         5         5         5           TOC         5         5         5           TON         5         5         5           TMR         T         5         5           TMI         T         5         5           TMI         T         5         5           TMI         T         5         5           TMI<!--</td--><td>TNV         5         7         100         5         5         7         100         5         7         100         5         7         100         10         <th10< th=""> <th10< th=""> <th10< th=""></th10<></th10<></th10<></td><td>TNV         5         1         5         7         100         5         5         7         100         5         5         100         10         <th10< th=""> <th10< th="">         &lt;</th10<></th10<></td><td>TNV         5         1         1         5         7         100         5         5         7         101         5         7         101         5         7         101         5         7         101         10         10         10         10         10       
 10         &lt;</td><td>TNV         5         1         1         5         5         1         1         5         5         1         1         1         5         5         1         <th1< th="">         1         <th1< th=""> <th1< th=""></th1<></th1<></th1<></td><td>TNV         5         7         100         5         5         7         100         5         5         7         100         5         7         100         5         7         100         5         7         100         5         7         100         5         7         100         5         7         100         10</td></td></th<>   | TINU         5         7         100         5         5         100         10   
   | TNV         5         7         100         5         5         7         100         5         7         100         5         1         100         5         1         100  | TNV         5         1           TOA         5      
  5         5           TOB         5         5         5           TOC         5         5         5           TON         5         5         5           TMR         T         5         5           TMI         T         5         5           TMI         T         5         5           TMI         T         5         5           TMI </td <td>TNV         5         7         100         5         5         7         100         5         7         100         5         7         100         10         <th10< th=""> <th10< th=""> <th10< th=""></th10<></th10<></th10<></td> <td>TNV         5         1         5         7         100         5         5         7         100         5         5         100         10         <th10< th=""> <th10< th="">         &lt;</th10<></th10<></td> <td>TNV         5         1         1         5         7         100         5         5         7         101         5         7         101         5         7         101         5         7         101         10         &lt;</td> <td>TNV         5         1         1         5         5         1         1         5         5         1         1         1         5         5         1         <th1< th="">         1         <th1< th=""> <th1< th=""></th1<></th1<></th1<></td> <td>TNV         5         7         100         5         5         7         100         5         5         7         100         5         7         100         5         7         100         5         7         100         5         7         100         5         7         100         5         7         100         10</td>  | TNV         5         7         100         5         5         7         100         5         7         100         5         7         100         10 <th10< th=""> <th10< th=""> <th10< th=""></th10<></th10<></th10<>   
  | TNV         5         1         5         7         100         5         5         7         100         5         5         100         10 <th10< th=""> <th10< th="">         &lt;</th10<></th10<>   | TNV         5         1         1         5         7         100         5         5         7         101         5         7         101         5         7         101         5         7         101         10         <  | TNV         5         1         1         5         5         1         1         5         5         1         1         1         5         5         1 <th1< th="">         1         <th1< th=""> <th1< th=""></th1<></th1<></th1<>  
  | TNV         5         7         100         5         5         7         100         5         5         7         100         5         7         100         5         7         100         5         7         100         5         7         100         5         7         100         5         7         100         10   |
| st Fans - Hse 5/43 INV st Fans - Hse 5/43 TOA to A to   | Fans - Hse 5/43         INV           Fans - Hse 5/45         TOA           Fans - Hse 5/45         TOB           Fans - Hse 5/46         TOC           Fans - Hse 5/47         TOD   | Fans - Hse 5/43         INV           Fans - Hse 5744         TOA           Fans - Hse 5745         TOB           Fans - Hse 5746         TOC           Fans - Hse 5748         TOD  | ans - Hse 5/43 INV ans - Hse 5/43 INV ans - Hse 5744 TOA ans - Hse 5746 TOB ans - Hse 5746 TOC ans - Hse 5748 TOC ans - Hse 5749 TOF ans - Hse 5749 TOF  | ans - Hse 5/43 INV ans - Hse 5/43 IV ans - Hse 5744 TOA ans - Hse 5745 TOB ans - Hse 5746 TOC ans - Hse 5748 TOE ans - Hse 5748 TOE ans - Hse 5749 TOE ans - Hse 5750 TOG ans - Hse 5750 TOG  | Is - Hse 5/43         INV           Is - Hse 5/44         TOA           Is - Hse 5745         TOB           Is - Hse 5745         TOB           Is - Hse 5746         TOC           Is - Hse 5747         TOD           Is - Hse 5748         TOD           Is - Hse 5748         TOD           Is - Hse 5748         TOE           Is - Hse 5749         TOF           Is - Hse 5750         TOF  | s - Hse 5/43 INV<br>s - Hse 5744 TOA<br>s - Hse 5745 TOB<br>s - Hse 5746 TOC<br>s - Hse 5746 TOC<br>s - Hse 5748 TOD<br>s - Hse 5750 TOF<br>s - Hse 5750 TOF<br>s - Hse 5751 TOH<br>s - Hse 5751 TOH  
   
   
  | -Hse 5/43         INV           -Hse 5744         TOA           -Hse 5745         TOB           -Hse 5746         TOC           -Hse 5747         TOD           -Hse 5749         TOF           -Hse 5750         TOF           -Hse 5751         TOF           -Hse 5753         TOI           -Hse 5753         TOI  
   
  | -Hse 5/43         INV           -Hse 5744         TOA           -Hse 5745         TOB           -Hse 5746         TOC           -Hse 5747         TOD           -Hse 5748         TOC           -Hse 5749         TOF           -Hse 5750         TOG           -Hse 5751         TOH           -Hse 5753         TOH           -Hse 5753         TOH           -Hse 5754         TOH           -Hse 5753         TOH           -Hse 5754         TOH  | -Hse 5/43     INV       -Hse 5744     TOA       -Hse 5745     TOB       -Hse 5746     TOC       -Hse 5747     TOD       -Hse 5749     TOF       -Hse 5750     TOH       -Hse 5751     TOH       -Hse 5753     TOH       -Hse 5753     TOH       -Hse 5753     TOH       -Hse 5753     TOH       -Hse 5755     TOH   
  | -Hse 5/43     INV       -Hse 5744     TOA       -Hse 5745     TOB       -Hse 5746     TOC       -Hse 5747     TOD       -Hse 5748     TOC       -Hse 5749     TOF       -Hse 5750     TOH       -Hse 5751     TOH       -Hse 5753     TOH       -Hse 5753     TOH       -Hse 5753     TOH       -Hse 5755     TOH       -Hse 5755     TOH       -Hse 5755     TOH       -Hse 5755     TOH  
   
  | -Hse 5/43     INV       -Hse 5744     TOA       -Hse 5745     TOB       -Hse 5746     TOC       -Hse 5748     TOC       -Hse 5749     TOF       -Hse 5750     TOH       -Hse 5751     TOH       -Hse 5753     TOI       -Hse 5755     TOI  
   | -Hse 5/43     INV       -Hse 5744     TOA       -Hse 5745     TOB       -Hse 5746     TOC       -Hse 5747     TOD       -Hse 5749     TOF       -Hse 5750     TOG       -Hse 5753     TOI       -Hse 5753     TOI       -Hse 5753     TOI       -Hse 5753     TOI       -Hse 5755     TOI       -Hse 5755     TOI       -Hse 5756     TOI       -Hse 5755     TOI       -Hse 5756     TOI       -Hse 5756     TOI       -Hse 5756     TOI       -Hse 5756     TOI       -Hse 5758     TOI   
   
   | -Hse 5/43     INV       -Hse 5744     TOA       -Hse 5745     TOB       -Hse 5746     TOC       -Hse 5747     TOD       -Hse 5748     TOC       -Hse 5749     TOF       -Hse 5750     TOG       -Hse 5751     TOI       -Hse 5753     TOI       -Hse 5753     TOI       -Hse 5753     TOI       -Hse 5755     TOI       -Hse 5755     TOI       -Hse 5755     TOI       -Hse 5756     TOI       -Hse 5753     TOI       -Hse 5753     TOI       -Hse 5755     TOI       -Hse 5758     TOI       -Hse 5759     TOP       -Hse 5759     TON   
   
  | s - Hse 5/43     INV       s - Hse 5/44     TOA       s - Hse 5/45     TOB       s - Hse 5746     TOC       s - Hse 5747     TOD       s - Hse 5748     TOC       s - Hse 5749     TOC       s - Hse 5749     TOC       s - Hse 5750     TOC       s - Hse 5751     TOD       s - Hse 5751     TOH       s - Hse 5752     TOH       s - Hse 5753     TOK       s - Hse 5756     TOK       s - Hse 5758     TOK       s - Hse 5758     TOK       s - Hse 5756     TOK   
  | - Hse 5/43     INV       - Hse 5/44     TOA       - Hse 5/45     TOB       - Hse 5/46     TOC       - Hse 5/47     TOD       - Hse 5/46     TOC       - Hse 5/47     TOD       - Hse 5/46     TOC       - Hse 5/47     TOD       - Hse 5/49     TOF       - Hse 5/50     TOF       - Hse 5/51     TOH       - Hse 5/52     TOI       - Hse 5/56     TOC       - Hse 5/57     TOP       - Hse 5/56     TOC       - Hse 5/57     TOP       - Hse 5/58     TOQ       - Hse 5/59     TOR       - Hse 5/50     TOR       - Hse 5/50     TOR       - Hse 5/50     TOR       - Hse 5/50     TOR   
   
  | s - Hse 5/43     INV       s - Hse 5745     TOA       s - Hse 5745     TOB       s - Hse 5746     TOC       s - Hse 5746     TOC       s - Hse 5746     TOD       s - Hse 5747     TOD       s - Hse 5748     TOC       s - Hse 5750     TOC       s - Hse 5751     TOH       s - Hse 5751     TOH       s - Hse 5753     TOH       s - Hse 5754     TOH       s - Hse 5755     TOH       s - Hse 5756     TOH       s - Hse 5760     TON       s - Hse 5763     TOH       s - Hse 5763     TOH  
   | -Hse 5/43         INV           -Hse 5745         TOA           -Hse 5745         TOB           -Hse 5745         TOD           -Hse 5746         TOC           -Hse 5747         TOD           -Hse 5747         TOD           -Hse 5749         TOF           -Hse 5750         TOG           -Hse 5751         TOH           -Hse 5753         TOH           -Hse 5754         TOH           -Hse 5755         TOH           -Hse 5756         TOH           -Hse 5755         TOH           -Hse 5756         TOH           -Hse 5756         TON           -Hse 5758         TON           -Hse 5760         TON           -Hse 5761         TON           -Hse 5763         TON           -Hse 5763 <td>Hse 5743         INV           Hse 5745         TOA           Hse 5745         TOB           Hse 5745         TOB           Hse 5746         TOC           Hse 5747         TOD           Hse 5749         TOC           Hse 5749         TOC           Hse 5749         TOC           Hse 5750         TOC           Hse 5751         TOH           Hse 5753         TOH           Hse 5754         TOH           Hse 5755         TOH           Hse 5755         TOH           Hse 5756         TON           Hse 5760         TON           Hse 5761         TON           Hse 5763         TON     <td>Ise 5743         INV           Ise 5745         TOA           Ise 5745         TOB           Ise 5745         TOB           Ise 5746         TOC           Ise 5747         TOD           Ise 5746         TOC           Ise 5747         TOD           Ise 5749         TOF           Ise 5750         TOF           Ise 5751         TOH           Ise 5753         TOI           Ise 5754         TOH           Ise 5755         TOI           Ise 5756         TOI           Ise 5758         TOI           Ise 5756         TOI           Ise 5758         TOI           Ise 5760         TOI           Ise 5761         TOI           Ise 5762         TOI           Ise 5763         TOI           Ise 5764         TOI           Ise 5765         TOI           Ise 5766         TOI           Ise 5765         TOI</td><td>se 5743     INV       se 5744     TOA       se 5746     TOB       se 5746     TOC       se 5748     TOC       se 5749     TOF       se 5749     TOF       se 5750     TOH       se 5751     TOH       se 5753     TOH       se 5754     TOH       se 5753     TOH       se 5754     TOH       se 5755     TOH       se 5756     TOH       se 5758     TOH       se 5760     TOS       se 5761     TOH       se 5763     TOH       se 5764     TOH       se 5763     TOH       se 5764     TOH       se 5763     TOH       se 5763</td><td>se 5743         INV           se 5744         TOA           se 5745         TOB           se 5746         TOC           se 5743         TOC           se 5749         TOC           se 5749         TOC           se 5750         TOC           se 5751         TOH           se 5753         TOH           se 5755         TOH           se 5756         TOH           se 5756         TOH           se 5756         TON           se 5756         TON           se 5763         TON           se 5764         TON           se 5763         TON           se 5764         TON           se 5765         TON           se 5766         TON           se 5766         TPO           se 5766         TPO           se 5760         TPO           se 5760         TPO           se 5719&lt;</td><td>se 5743         INV           se 5745         TOA           se 5746         TOB           se 5745         TOB           se 5746         TOC           se 5749         TOC           se 5750         TOP           se 5751         TOP           se 5752         TOP           se 5753         TOP           se 5754         TOP           se 5755         TOP           se 5756         TOP           se 5755         TOP           se 5756         TOP           se 5760         TOP           se 5763         TOP           se 5764         TOP           se 5763         TOP           se 5763         TOP           se 5764         TOP           se 5763&lt;</td><td>e 5743         INV           e 5745         TOA           e 5745         TOB           e 5745         TOB           e 5745         TOD           e 5749         TOC           e 5750         TOF           e 5751         TOH           e 5752         TOH           e 5753         TOH           e 5754         TOH           e 5753         TOH           e 5754         TOH           e 5753         TOH           e 5754         TOH           e 5755         TOH           e 5756         TOH           e 5755         TOH           e 5756         TOH           e 5756         TOH           e 5764         TOH           e 5764         TOH           e 5763         TOH           e 5764         TOH           e 5763         TOH           e 5764         TOH           e 5765         TOH           e 5764         TOH           e 5765         TOH           e 5765         TOH           e 5764         TPA           e 5765         TPA     <!--</td--><td>e 5743         INV           e 5745         TOA           e 5745         TOB           e 5746         TOC           e 5746         TOC           e 5748         TOC           e 5749         TOC           e 5750         TOC           e 5751         TOH           e 5753         TOH           e 5753         TOH           e 5754         TOH           e 5753         TOH           e 5754         TOH           e 5755         TOH           e 5756         TOH           e 5766         TOH     <!--</td--><td>e 5743         INV           e 5745         TOB           e 5745         TOB           e 5746         TOC           e 5746         TOC           e 5749         TOC           e 5749         TOC           e 5750         TOC           e 5751         TOH           e 5752         TOH           e 5753         TOH           e 5754         TOH           e 5753         TOH           e 5754         TOH           e 5755         TOH           e 5756         TOH           e 5753         TOH           e 5764         TOH           e 5763         TOH           e 5764         TOH           e 5765         TOH           e 5764         TOH           e 5765         TOH           e 5763         TOH           e 5764         TOH           e 5765         TOH           e 5764         TOH           e 5765         TOH     <!--</td--><td>se 5743         INV           se 5745         TOB           se 5746         TOB           se 5746         TOC           se 5748         TOD           se 5749         TOP           se 5750         TOP           se 5751         TOP           se 5751         TOP           se 5751         TOP           se 5752         TOP           se 5753         TOP           se 5754         TOP           se 5753         TOP           se 5753         TOP           se 5754         TOP           se 5755
        TOP           se 5755         TOP           se 5755         TOP           se 5756         TOP           se 5756         TOP           se 5766         TOP           se 5763         TOP           se 5764         TOP           se 5765         TOP           se 5763         TOP           se 5764         TOP           se 5765         TOP           se 5765         TOP           se 5765         TOP           se 5765         TOP           se 5765&lt;</td><td>55/43         INV           55/45         TOA           55746         TOB           55746         TOC           55746         TOD           55747         TOD           55748         TOC           55749         TOC           55749         TOC           55750         TOC           55751         TOH           55753         TOI           55754         TOI           55753         TOI           55754         TOI           55753         TOI           55754         TOI           55753         TOI           55754         TOI           55753         TOI           55764         TON           55763         TON           55764         TON           55763         TON           55764         TON           55765         TON           55764         TON           55765         TON           55765         TON           55765         TON           55764         TON           55765         TON           55761<!--</td--><td>5743         INV           5743         TOA           5745         TOB           5746         TOC           5746         TOC           5748         TOC           5749         TOF           5750         TOF           5751         TOH           5752         TOH           5754         TOH           5755         TOH           5756         TOH           5755         TOH           5756         TON           5764         TON           5763         TON           5764         TPA           5765         TON           5764         TPA           5765         TON           5764         TPA           5765         TON           5764         TPA           5765         TON           5764         TPA           570         TON</td></td></td></td></td></td>   | Hse 5743         INV           Hse 5745         TOA           Hse 5745         TOB           Hse 5745         TOB           Hse 5746         TOC           Hse 5747         TOD           Hse 5749         TOC           Hse 5749         TOC           Hse 5749         TOC           Hse 5750         TOC           Hse 5751         TOH           Hse 5753         TOH           Hse 5754         TOH           Hse 5755         TOH           Hse 5755         TOH           Hse 5756         TON           Hse 5760         TON           Hse 5761         TON           Hse 5763         TON <td>Ise 5743         INV           Ise 5745         TOA           Ise 5745         TOB           Ise 5745         TOB           Ise 5746         TOC           Ise 5747         TOD           Ise 5746         TOC           Ise 5747         TOD           Ise 5749         TOF           Ise 5750         TOF           Ise 5751         TOH           Ise 5753         TOI           Ise 5754         TOH           Ise 5755         TOI           Ise 5756         TOI           Ise 5758         TOI           Ise 5756         TOI           Ise 5758         TOI           Ise 5760         TOI           Ise 5761         TOI           Ise 5762         TOI           Ise 5763         TOI           Ise 5764         TOI           Ise 5765         TOI           Ise 5766         TOI           Ise 5765         TOI</td> <td>se 5743     INV       se 5744     TOA       se 5746     TOB       se 5746     TOC       se 5748     TOC       se 5749     TOF       se 5749     TOF       se 5750     TOH       se 5751     TOH       se 5753     TOH       se 5754     TOH       se 5753     TOH       se 5754     TOH       se 5755     TOH       se 5756     TOH       se 5758     TOH       se 5760     TOS       se 5761     TOH       se 5763     TOH       se 5764     TOH       se 5763     TOH       se 5764     TOH       se 5763     TOH       se 5763</td> <td>se 5743         INV           se 5744         TOA           se 5745         TOB           se 5746         TOC           se 5743         TOC           se 5749         TOC           se 5749         TOC           se 5750         TOC           se 5751         TOH           se 5753         TOH           se 5755         TOH           se 5756         TOH           se 5756         TOH           se 5756         TON           se 5756         TON           se 5763         TON           se 5764         TON           se 5763         TON           se 5764         TON           se 5765         TON           se 5766         TON           se 5766         TPO           se 5766         TPO           se 5760         TPO           se 5760         TPO           se 5719&lt;</td> <td>se 5743         INV           se 5745         TOA           se 5746         TOB           se 5745         TOB           se 5746         TOC           se 5749         TOC           se 5750         TOP           se 5751         TOP           se 5752         TOP           se 5753         TOP           se 5754         TOP           se 5755         TOP           se 5756         TOP           se 5755         TOP           se 5756         TOP           se 5760         TOP           se 5763         TOP           se 5764         TOP           se 5763         TOP           se 5763         TOP           se 5764         TOP           se 5763&lt;</td> <td>e 5743         INV           e 5745         TOA           e 5745         TOB           e 5745         TOB           e 5745         TOD           e 5749         TOC           e 5750         TOF           e 5751         TOH           e 5752         TOH           e 5753         TOH           e 5754         TOH           e 5753         TOH           e 5754         TOH           e 5753         TOH           e 5754         TOH           e 5755         TOH           e 5756         TOH           e 5755         TOH           e 5756         TOH           e 5756         TOH           e 5764         TOH           e 5764         TOH           e 5763         TOH           e 5764         TOH           e 5763         TOH           e 5764         TOH           e 5765         TOH           e 5764         TOH           e 5765         TOH           e 5765         TOH           e 5764         TPA           e 5765         TPA     <!--</td--><td>e 5743         INV           e 5745         TOA           e 5745         TOB           e 5746         TOC           e 5746         TOC           e 5748         TOC           e 5749         TOC           e 5750         TOC           e 5751         TOH           e 5753         TOH           e 5753         TOH           e 5754         TOH           e 5753         TOH           e 5754         TOH           e 5755         TOH           e 5756         TOH           e 5766         TOH     <!--</td--><td>e 5743         INV           e 5745         TOB           e 5745         TOB           e 5746         TOC           e 5746         TOC           e 5749         TOC           e 5749         TOC           e 5750         TOC           e 5751         TOH           e 5752         TOH           e 5753         TOH           e 5754         TOH           e 5753         TOH           e 5754         TOH           e 5755         TOH           e 5756         TOH           e 5753         TOH           e 5764         TOH           e 5763         TOH           e 5764         TOH           e 5765         TOH           e 5764         TOH           e 5765         TOH           e 5763         TOH           e 5764         TOH           e 5765         TOH           e 5764         TOH           e 5765         TOH     <!--</td--><td>se 5743         INV           se 5745         TOB           se 5746         TOB           se 5746         TOC           se 5748         TOD           se 5749         TOP           se 5750         TOP           se 5751         TOP           se 5751         TOP           se 5751         TOP           se 5752   
     TOP           se 5753         TOP           se 5754         TOP           se 5753         TOP           se 5753         TOP           se 5754         TOP           se 5755         TOP           se 5755         TOP           se 5755         TOP           se 5756         TOP           se 5756         TOP           se 5766         TOP           se 5763         TOP           se 5764         TOP           se 5765         TOP           se 5763         TOP           se 5764         TOP           se 5765         TOP           se 5765         TOP           se 5765         TOP           se 5765         TOP           se 5765&lt;</td><td>55/43         INV           55/45         TOA           55746         TOB           55746         TOC           55746         TOD           55747         TOD           55748         TOC           55749         TOC           55749         TOC           55750         TOC           55751         TOH           55753         TOI           55754         TOI           55753         TOI           55754         TOI           55753         TOI           55754         TOI           55753         TOI           55754         TOI           55753         TOI           55764         TON           55763         TON           55764         TON           55763         TON           55764         TON           55765         TON           55764         TON           55765         TON           55765         TON           55765         TON           55764         TON           55765         TON           55761<!--</td--><td>5743         INV           5743         TOA           5745         TOB           5746         TOC           5746         TOC           5748         TOC           5749         TOF           5750         TOF           5751         TOH           5752         TOH           5754         TOH           5755         TOH           5756         TOH           5755         TOH           5756         TON           5764         TON           5763         TON           5764         TPA           5765         TON           5764         TPA           5765         TON           5764         TPA           5765         TON           5764         TPA           5765         TON           5764         TPA           570         TON</td></td></td></td></td> | Ise 5743         INV           Ise 5745         TOA           Ise 5745         TOB           Ise 5745         TOB           Ise 5746         TOC           Ise 5747         TOD           Ise 5746         TOC           Ise 5747         TOD           Ise 5749         TOF           Ise 5750         TOF           Ise 5751         TOH           Ise 5753         TOI           Ise 5754         TOH           Ise 5755         TOI           Ise 5756         TOI           Ise 5758         TOI           Ise 5756         TOI           Ise 5758         TOI           Ise 5760         TOI           Ise 5761         TOI           Ise 5762         TOI           Ise 5763         TOI           Ise 5764         TOI           Ise 5765         TOI           Ise 5766         TOI           Ise 5765         TOI  
  | se 5743     INV       se 5744     TOA       se 5746     TOB       se 5746     TOC       se 5748     TOC       se 5749     TOF       se 5749     TOF       se 5750     TOH       se 5751     TOH       se 5753     TOH       se 5754     TOH       se 5753     TOH       se 5754     TOH       se 5755     TOH       se 5756     TOH       se 5758     TOH       se 5760     TOS       se 5761     TOH       se 5763     TOH       se 5764     TOH       se 5763     TOH       se 5764     TOH       se 5763  
   | se 5743         INV           se 5744         TOA           se 5745         TOB           se 5746         TOC           se 5743         TOC           se 5749         TOC           se 5749         TOC           se 5750         TOC           se 5751         TOH           se 5753         TOH           se 5755         TOH           se 5756         TOH           se 5756         TOH           se 5756         TON           se 5756         TON           se 5763         TON           se 5764         TON           se 5763         TON           se 5764         TON           se 5765         TON           se 5766         TON           se 5766         TPO           se 5766         TPO           se 5760         TPO           se 5760         TPO           se 5719<  
  | se 5743         INV           se 5745         TOA           se 5746         TOB           se 5745         TOB           se 5746         TOC           se 5749         TOC           se 5750         TOP           se 5751         TOP           se 5752         TOP           se 5753         TOP           se 5754         TOP           se 5755         TOP           se 5756         TOP           se 5755         TOP           se 5756         TOP           se 5760         TOP           se 5763         TOP           se 5764         TOP           se 5763         TOP           se 5763         TOP           se 5764         TOP           se 5763<   | e 5743         INV           e 5745         TOA           e 5745         TOB           e 5745         TOB           e 5745         TOD           e 5749         TOC           e 5750         TOF           e 5751         TOH           e 5752         TOH           e 5753         TOH           e 5754         TOH           e 5753         TOH           e 5754         TOH           e 5753         TOH           e 5754         TOH           e 5755         TOH           e 5756         TOH           e 5755         TOH           e 5756         TOH           e 5756         TOH           e 5764         TOH           e 5764         TOH           e 5763         TOH           e 5764         TOH           e 5763         TOH           e 5764         TOH           e 5765         TOH           e 5764         TOH           e 5765         TOH           e 5765         TOH           e 5764         TPA           e 5765         TPA </td <td>e 5743         INV           e 5745         TOA           e 5745         TOB           e 5746         TOC           e 5746         TOC           e 5748         TOC           e 5749         TOC           e 5750         TOC           e 5751         TOH           e 5753         TOH           e 5753         TOH           e 5754         TOH           e 5753         TOH           e 5754         TOH           e 5755         TOH           e 5756         TOH           e 5766         TOH     <!--</td--><td>e 5743         INV           e 5745         TOB           e 5745         TOB           e 5746         TOC           e 5746         TOC           e 5749         TOC           e 5749         TOC           e 5750         TOC           e 5751         TOH           e 5752         TOH           e 5753         TOH           e 5754         TOH           e 5753         TOH           e 5754         TOH           e 5755         TOH           e 5756         TOH           e 5753         TOH           e 5764         TOH           e 5763         TOH           e 5764        
TOH           e 5765         TOH           e 5764         TOH           e 5765         TOH           e 5763         TOH           e 5764         TOH           e 5765         TOH           e 5764         TOH           e 5765         TOH     <!--</td--><td>se 5743         INV           se 5745         TOB           se 5746         TOB           se 5746         TOC           se 5748         TOD           se 5749         TOP           se 5750         TOP           se 5751         TOP           se 5751         TOP           se 5751         TOP           se 5752         TOP           se 5753         TOP           se 5754         TOP           se 5753         TOP           se 5753         TOP           se 5754         TOP           se 5755         TOP           se 5755         TOP           se 5755         TOP           se 5756         TOP           se 5756         TOP           se 5766         TOP           se 5763         TOP           se 5764         TOP           se 5765         TOP           se 5763         TOP           se 5764         TOP           se 5765         TOP           se 5765         TOP           se 5765         TOP           se 5765         TOP           se 5765&lt;</td><td>55/43         INV           55/45         TOA           55746         TOB           55746         TOC           55746         TOD           55747         TOD           55748         TOC           55749         TOC           55749         TOC           55750         TOC           55751         TOH           55753         TOI           55754         TOI           55753         TOI           55754         TOI           55753         TOI           55754         TOI           55753         TOI           55754         TOI           55753         TOI           55764         TON           55763         TON           55764         TON           55763         TON           55764         TON           55765         TON           55764         TON           55765         TON           55765         TON           55765         TON           55764         TON           55765         TON           55761<!--</td--><td>5743         INV           5743         TOA           5745         TOB           5746         TOC           5746         TOC           5748         TOC           5749         TOF           5750         TOF           5751         TOH           5752         TOH           5754         TOH           5755         TOH           5756         TOH           5755         TOH           5756         TON           5764         TON           5763         TON           5764         TPA           5765         TON           5764         TPA           5765         TON           5764         TPA           5765         TON           5764         TPA           5765         TON           5764         TPA           570         TON</td></td></td></td>   | e 5743         INV           e 5745         TOA           e 5745         TOB           e 5746         TOC           e 5746         TOC           e 5748         TOC           e 5749         TOC           e 5750         TOC           e 5751         TOH           e 5753         TOH           e 5753         TOH           e 5754         TOH           e 5753         TOH           e 5754         TOH           e 5755         TOH           e 5756         TOH           e 5766         TOH </td <td>e 5743         INV           e 5745         TOB           e 5745         TOB           e 5746         TOC           e 5746         TOC           e 5749         TOC           e 5749         TOC           e 5750         TOC           e 5751         TOH           e 5752         TOH           e 5753         TOH           e 5754         TOH           e 5753         TOH           e 5754         TOH           e 5755         TOH           e 5756         TOH           e 5753         TOH           e 5764         TOH           e 5763         TOH           e 5764         TOH           e 5765         TOH           e 5764         TOH           e 5765         TOH           e 5763         TOH           e 5764         TOH           e 5765         TOH           e 5764         TOH           e 5765         TOH     <!--</td--><td>se 5743         INV           se 5745         TOB           se 5746         TOB           se 5746         TOC           se 5748         TOD           se 5749         TOP           se 5750         TOP           se 5751         TOP           se 5751         TOP           se 5751         TOP           se 5752         TOP           se 5753         TOP           se 5754         TOP           se 5753         TOP           se 5753         TOP           se 5754         TOP           se 5755         TOP           se 5755         TOP           se 5755         TOP           se 5756         TOP           se 5756         TOP           se 5766         TOP           se 5763         TOP           se 5764         TOP           se 5765         TOP           se 5763         TOP           se 5764         TOP           se 5765         TOP           se 5765         TOP           se 5765         TOP           se 5765         TOP           se 5765&lt;</td><td>55/43         INV           55/45         TOA           55746         TOB           55746         TOC           55746         TOD           55747         TOD           55748         TOC           55749         TOC           55749         TOC           55750         TOC           55751         TOH           55753         TOI           55754         TOI           55753         TOI           55754         TOI           55753         TOI           55754         TOI           55753         TOI           55754         TOI           55753         TOI           55764         TON           55763         TON           55764         TON           55763         TON           55764         TON           55765         TON           55764         TON           55765         TON           55765         TON           55765         TON           55764         TON           55765         TON           55761<!--</td--><td>5743         INV           5743         TOA           5745         TOB           5746         TOC           5746         TOC           5748         TOC           5749         TOF           5750         TOF           5751         TOH           5752         TOH           5754         TOH           5755         TOH           5756         TOH           5755         TOH           5756         TON           5764         TON           5763         TON           5764         TPA           5765         TON           5764         TPA           5765         TON           5764         TPA           5765         TON           5764         TPA           5765         TON           5764         TPA           570         TON</td></td></td> | e 5743         INV           e 5745         TOB           e 5745         TOB           e 5746         TOC           e 5746         TOC           e 5749         TOC           e 5749         TOC           e 5750         TOC           e 5751         TOH           e 5752         TOH           e 5753         TOH           e 5754         TOH           e 5753         TOH           e 5754         TOH           e 5755         TOH           e 5756         TOH           e 5753         TOH           e 5764         TOH           e 5763         TOH           e 5764         TOH           e 5765         TOH           e 5764         TOH           e 5765         TOH           e 5763         TOH           e 5764         TOH           e 5765         TOH           e 5764         TOH           e 5765         TOH </td <td>se 5743         INV           se 5745         TOB           se 5746         TOB           se 5746         TOC           se 5748         TOD           se 5749         TOP           se 5750         TOP           se 5751         TOP           se 5751         TOP           se 5751         TOP           se 5752         TOP           se 5753         TOP           se 5754         TOP           se 5753         TOP           se 5753         TOP           se 5754         TOP           se 5755         TOP           se 5755         TOP           se 5755         TOP           se 5756         TOP           se 5756         TOP           se 5766         TOP           se 5763         TOP        
  se 5764         TOP           se 5765         TOP           se 5763         TOP           se 5764         TOP           se 5765         TOP           se 5765         TOP           se 5765         TOP           se 5765         TOP           se 5765&lt;</td> <td>55/43         INV           55/45         TOA           55746         TOB           55746         TOC           55746         TOD           55747         TOD           55748         TOC           55749         TOC           55749         TOC           55750         TOC           55751         TOH           55753         TOI           55754         TOI           55753         TOI           55754         TOI           55753         TOI           55754         TOI           55753         TOI           55754         TOI           55753         TOI           55764         TON           55763         TON           55764         TON           55763         TON           55764         TON           55765         TON           55764         TON           55765         TON           55765         TON           55765         TON           55764         TON           55765         TON           55761<!--</td--><td>5743         INV           5743         TOA           5745         TOB           5746         TOC           5746         TOC           5748         TOC           5749         TOF           5750         TOF           5751         TOH           5752         TOH           5754         TOH           5755         TOH           5756         TOH           5755         TOH           5756         TON           5764         TON           5763         TON           5764         TPA           5765         TON           5764         TPA           5765         TON           5764         TPA           5765         TON           5764         TPA           5765         TON           5764         TPA           570         TON</td></td>   | se 5743         INV           se 5745         TOB           se 5746         TOB           se 5746         TOC           se 5748         TOD           se 5749         TOP           se 5750         TOP           se 5751         TOP           se 5751         TOP           se 5751         TOP           se 5752         TOP           se 5753         TOP           se 5754         TOP           se 5753         TOP           se 5753         TOP           se 5754         TOP           se 5755         TOP           se 5755         TOP           se 5755         TOP           se 5756         TOP           se 5756         TOP           se 5766         TOP           se 5763         TOP           se 5764         TOP           se 5765         TOP           se 5763         TOP           se 5764         TOP           se 5765         TOP           se 5765         TOP           se 5765         TOP           se 5765         TOP           se 5765<  | 55/43         INV           55/45         TOA           55746         TOB           55746         TOC           55746         TOD           55747         TOD           55748         TOC           55749         TOC           55749         TOC           55750         TOC           55751         TOH           55753         TOI           55754         TOI           55753         TOI           55754         TOI           55753         TOI           55754         TOI           55753         TOI           55754         TOI           55753         TOI           55764         TON           55763         TON           55764         TON           55763         TON           55764         TON           55765         TON           55764         TON           55765         TON           55765         TON           55765         TON           55764         TON           55765         TON           55761 </td <td>5743         INV           5743         TOA           5745         TOB           5746         TOC           5746         TOC           5748         TOC           5749         TOF           5750         TOF           5751         TOH           5752         TOH           5754         TOH           5755         TOH           5756         TOH           5755         TOH           5756         TON           5764         TON           5763         TON           5764         TPA           5765         TON           5764         TPA           5765         TON           5764         TPA           5765         TON           5764         TPA           5765         TON           5764         TPA           570         TON</td>   | 5743         INV           5743         TOA           5745         TOB           5746         TOC           5746         TOC           5748         TOC           5749         TOF           5750         TOF           5751         TOH           5752         TOH           5754         TOH           5755         TOH           5756         TOH           5755         TOH           5756         TON           5764         TON           5763         TON           5764         TPA           5765         TON           5764         TPA           5765         TON           5764         TPA           5765         TON           5764         TPA           5765         TON           5764         TPA           570         TON   |
| st Fans - Hse 5744 TOA 5:<br>st Fans - Hse 5745 TOB 5:<br>st Fans - Hse 5746 TOC 5:   | Fans - Hse 5744         TOA         5           Fans - Hse 5745         TOB         5           Fans - Hse 5746         TOC         5           Fans - Hse 5747         TOD         5   | Fans - Hse 5744         TOA         5           Fans - Hse 5745         TOB         5           Fans - Hse 5746         TOC         5           Fans - Hse 5747         TOD         5           Fans - Hse 5748         TOE         5  | ans - Hse 5744     TOA     5       ans - Hse 5745     TOB     5       ans - Hse 5746     TOC     5       ans - Hse 5747     TOD     5       ans - Hse 5748     TOE     5       ans - Hse 5748     TOE     5       ans - Hse 5749     TOF     5   | ans - Hse 5744     TOA     5       ans - Hse 5745     TOB     5       ans - Hse 5746     TOC     5       ans - Hse 5747     TOD     5       ans - Hse 5748     TOE     5       ans - Hse 5749     TOE     5       ans - Hse 5749     TOF     5       ans - Hse 5750     TOG     5   | Ns - Hse 5744         TOA         5           Ns - Hse 5745         TOB         5           Ns - Hse 5746         TOC         5           Ns - Hse 5747         TOD         5           Ns - Hse 5748         TOE         5           Ns - Hse 5748         TOE         5           Ns - Hse 5748         TOE         5           Ns - Hse 5749         TOF         5           Ns - Hse 5749         TOF         5           Ns - Hse 5750         TOG         5           Ns - Hse 5751         TOH         5  | s - Hse 5744     TOA     5       s - Hse 5745     TOB     5       s - Hse 5746     TOC     5       s - Hse 5747     TOD     5       s - Hse 5748     TOE     5       s - Hse 5749     TOF     5       s - Hse 5750     TOG     5       s - Hse 5751     TOF     5       s - Hse 5752     TOI     5  
   
   
   | -Hse 5744         TOA         5           -Hse 5745         TOB         5           -Hse 5746         TOC         5           -Hse 5747         TOD         5           -Hse 5748         TOE         5           -Hse 5749         TOF         5           -Hse 5749         TOF         5           -Hse 5750         TOG         5           -Hse 5751         TOH         5           -Hse 5753         TOI         5           -Hse 5753         TOI         5   
   
   | -Hse 5744         TOA         5           -Hse 5745         TOB         5           -Hse 5746         TOC         5           -Hse 5747         TOD         5           -Hse 5748         TOE         5           -Hse 5749         TOE         5           -Hse 5749         TOF         5           -Hse 5750         TOF         5           -Hse 5751         TOH         5           -Hse 5753         TOH         5           -Hse 5753         TOH         5           -Hse 5753         TOH         5           -Hse 5754         TOH         5  | -Hse 5744     TOA     5       -Hse 5745     TOB     5       -Hse 5746     TOC     5       -Hse 5747     TOD     5       -Hse 5748     TOE     5       -Hse 5749     TOF     5       -Hse 5750     TOH     5       -Hse 5750     TOH     5       -Hse 5751     TOH     5       -Hse 5753     TOH     5       -Hse 5753     TOH     5       -Hse 5755     TOI     5       -Hse 5755     TOL     5  
   | -Hse 5744         TOA         5           -Hse 5745         TOB         5           -Hse 5745         TOB         5           -Hse 5746         TOC         5           -Hse 5747         TOD         5           -Hse 5748         TOE         5           -Hse 5749         TOF         5           -Hse 5750         TOF         5           -Hse 5751         TOH         5           -Hse 5753         TOI         5           -Hse 5753         TOI         5           -Hse 5755         TOI         5           -Hse 5755         TOI         5           -Hse 5755         TOI         5           -Hse 5755         TOI         5   
   
   | -Hse 5744         TOA         5           -Hse 5745         TOB         5           -Hse 5746         TOC         5           -Hse 5747         TOD         5           -Hse 5748         TOE         5           -Hse 5749         TOE         5           -Hse 5749         TOE         5           -Hse 5750         TOG         5           -Hse 5751         TOH         5           -Hse 5752         TOH         5           -Hse 5753         TOH         5           -Hse 5754         TOH         5           -Hse 5755         TOI         5           -Hse 5754         TOI         5           -Hse 5755         TOI         5           -Hse 5756         TOI         5           -Hse 5756         TOI         5           -Hse 5756         TOI         5           -Hse 5756         TOO         5   
  | -Hse 5744         TOA         5           -Hse 5745         TOB         5           -Hse 5745         TOC         5           -Hse 5747         TOD         5           -Hse 5748         TOE         5           -Hse 5749         TOF         5           -Hse 5750         TOF         5           -Hse 5751         TOH         5           -Hse 5753         TOI         5           -Hse 5753         TOI         5           -Hse 5753         TOI         5           -Hse 5755         TOI         5           -Hse 5755         TOI         5           -Hse 5753         TOI         5           -Hse 5755         TOI         5           -Hse 5758         TOO         5  
   
  | -Hse 5744         TOA         5           -Hse 5745         TOB         5           -Hse 5746         TOC         5           -Hse 5746         TOC         5           -Hse 5747         TOD         5           -Hse 5747         TOD         5           -Hse 5748         TOC         5           -Hse 5749         TOF         5           -Hse 5750         TOH         5           -Hse 5751         TOH         5           -Hse 5753         TOI         5           -Hse 5755         TOI         5           -Hse 5755         TOI         5           -Hse 5755         TOI         5           -Hse 5756         TOI         5           -Hse 5753         TOI         5           -Hse 5755         TOI         5           -Hse 5756         TOO         5           -Hse 5758         TOQ         5           -Hse 5758         TOQ         5           -Hse 5759         TOQ         5           -Hse 5759         TOQ         5  
   
   | s - Hse 5744     TOA     5       s - Hse 5745     TOB     5       s - Hse 5746     TOC     5       s - Hse 5746     TOC     5       s - Hse 5746     TOC     5       s - Hse 5748     TOD     5       s - Hse 5748     TOC     5       s - Hse 5748     TOC     5       s - Hse 5750     TOF     5       s - Hse 5751     TOH     5       s - Hse 5752     TOH     5       s - Hse 5753     TOU     5       s - Hse 5754     TOU     5       s - Hse 5755     TOU     5       s - Hse 5756     TON     5       s - Hse 5758     TON     5       s - Hse 5759     TON     5       s - Hse 5759     TON     5       s - Hse 5759     TON     5  
  | a - Hse 5744     TOA     5       b - Hse 5745     TOB     5       b - Hse 5745     TOD     5       b - Hse 5747     TOD     5       b - Hse 5747     TOD     5       b - Hse 5749     TOF     5       b - Hse 5749     TOF     5       b - Hse 5750     TOF     5       b - Hse 5751     TOH     5       b - Hse 5752     TOH     5       b - Hse 5753     TOI     5       b - Hse 5756     TOI     5       b - Hse 5756     TOI     5       b - Hse 5756     TOR     5       b - Hse 5761     TOR     5   
   
   | s - Hse 5744     TOA     5       s - Hse 5745     TOB     5       s - Hse 5745     TOC     5       s - Hse 5745     TOC     5       s - Hse 5747     TOD     5       s - Hse 5747     TOC     5       s - Hse 5748     TOE     5       s - Hse 5750     TOF     5       s - Hse 5750     TOH     5       s - Hse 5751     TOH     5       s - Hse 5753     TOH     5       s - Hse 5753     TOH     5       s - Hse 5753     TOH     5       s - Hse 5755     TOH     5       s - Hse 5755     TOH     5       s - Hse 5756     TOH     5       s - Hse 5756     TOC     5       s - Hse 5760     TOS     5       s - Hse 5760     TOS     5       s - Hse 5763     TOU     5   
  | -Hse 5744     TOA     5       -Hse 5745     TOB     5       -Hse 5746     TOC     5       -Hse 5747     TOD     5       -Hse 5748     TOE     5       -Hse 5749     TOF     5       -Hse 5750     TOH     5       -Hse 5751     TOH     5       -Hse 5753     TOH     5       -Hse 5753     TOH     5       -Hse 5754     TOH     5       -Hse 5755     TOH     5       -Hse 5756     TOH     5       -Hse 5755     TON     5       -Hse 5756     TON     5       -Hse 5758     TON     5       -Hse 5758     TON     5       -Hse 5759     TON     5       -Hse 5756     TON     5       -Hse 5758     TON     5       -Hse 5758     TON     5       -Hse 5760     TON     5       -Hse 5763     TON     5       -Hse 5763     TON     5       -Hse 5763     TON     5       -Hse 5763     TOU     5       -Hse 5763     TOU     5       -Hse 5763     TOU     5       -Hse 5763     TOU     5 <td< td=""><td>Hse 5744         TOA         5           Hse 5745         TOB         5           Hse 5745         TOB         5           Hse 5746         TOC         5           Hse 5747         TOD         5           Hse 5749         TOE         5           Hse 5749         TOE         5           Hse 5750         TOH         5           Hse 5751         TOH         5           Hse 5753         TOH         5           Hse 5753         TOH         5           Hse 5755         TOH         5           Hse 5755         TOH         5           Hse 5756         TOL         5           Hse 5756         TON         5           Hse 5759         TON         5           Hse 5756         TON         5           Hse 5759         TON         5           Hse 5760         TON         5           Hse 5763         TON         5</td><td>Ise 5744     TOA     5       Ise 5745     TOB     5       Ise 5745     TOC     5       Ise 5747     TOD     5       Ise 5748     TOE     5       Ise 5749     TOF     5       Ise 5750     TOH     5       Ise 5751     TOH     5       Ise 5751     TOH     5       Ise 5753     TOH     5       Ise 5754     TOH     5       Ise 5755     TOH     5       Ise 5756     TOH     5       Ise 5756     TOI     5       Ise 5757     TON     5       Ise 5756     TON     5       Ise 5756     TON     5       Ise 5760     TON     5       Ise 5761     TON     5       Ise 5763     TOV     5       Ise 5765     TOV<td>se 5744         TOA         5           se 5745         TOB         5           se 5746         TOC         5           se 5748         TOD         5           se 5749         TOF         5           se 5749         TOF         5           se 5749         TOF         5           se 5750         TOF         5           se 5751         TOH         5           se 5752         TOH         5           se 5753         TOH         5           se 5754         TOH         5           se 5755         TOH         5           se 5755         TON         5           se 5756         TON         5           se 5753         TON         5           se 5756         TON         5           se 5760         TON         5           se 5763         TOV         5           se 5763         TOU         5           se 5764</td><td>se 5744         TOA         5           se 5745         TOB         5           se 5745         TOB         5           se 5746         TOC         5           se 5748         TOD         5           se 5749         TOB         5           se 5750         TOB         5           se 5751         TOH         5           se 5753         TOH         5           se 5753         TOH         5           se 5754         TOH         5           se 5753         TOH         5           se 5754         TOH         5           se 5755         TOL         5           se 5756         TOL         5           se 5756         TOL         5           se 5760         TOR         5           se 5760         TON         5           se 5763         TOU         5           se 5764</td><td>ee 5744         TOA         5           ee 5745         TOB         5           ee 5745         TOB         5           ee 5746         TOC         5           ee 5749         TOC         5           ee 5750         TOB         5           ee 5750         TOC         5           ee 5751         TOH         5           ee 5752         TOH         5           ee 5753         TOH         5           ee 5753         TOH         5           ee 5754         TOH         5           ee 5755         TOH         5           ee 5756         TOH         5           ee 5756         TOH         5           ee 5769         TON         5           ee 5769         TON         5           ee 5763         TON         5           ee 5763         TON         5           ee 5763         TOU         5           ee 5764</td><td>e 5744         TOA         5           e 5745         TOB         5           e 5745         TOB         5           e 574         TOD         5           e 574         TOD         5           e 574         TOD         5           e 5749         TOE         5           e 5750         TOH         5           e 5751         TOH         5           e 5753         TOH         5           e 5753         TOH         5           e 5753         TOH         5           e 5755         TOH         5           e 5756         TOH         5           e 5758         TON         5           e 5759         TON         5           e 5754         TON         5           e 5753         TON         5           e 5764         TON         5           e 5763         TON         5           e 5763         TON         5           e 5763         TON         5           e 5764         TPON         5           e 5763         TON         5           e 5763         TPON</td><td>e 5744         TOA         5           e 5745         TOB         5           e 5745         TOB         5           e 5746         TOC         5           e 5748         TOD         5           e 5749         TOB         5           e 5749         TOE         5           e 5750         TOH         5           e 5751         TOH         5           e 5753         TOH         5           e 5753         TOH         5           e 5753         TOH         5           e 5755         TOH         5           e 5756         TOH         5           e 5759         TOH         5           e 5756         TOH         5           e 5756         TON         5           e 5766         TON         5           e 5764         TON         5           e 5765         TON         5           e 5766         TON         5           e 5766         TON         5           e 5765         TON         5           e 5766         TON         5           5 5         5</td><td>e 5744         TOA         5           e 5745         TOB         5           e 5745         TOB         5           e 5746         TOC         5           e 5749         TOE         5           e 5749         TOE         5           e 5749         TOE         5           e 5750         TOE         5     
     e 5751         TOH         5           e 5753         TOH         5           e 5753         TOH         5           e 5753         TOH         5           e 5755         TOH         5           e 5756         TOH         5           e 5753         TOU         5           e 5754         TON         5           e 5755         TOU         5           e 5763         TON         5           e 5764         TON         5           e 5765         TOU         5           e 5763         TOV         5           e 5764         TPA         5           e 5765         TOU         5           e 5764         TPA         5           5 5         5</td><td>se 5744         TOA         5           se 5745         TOB         5           se 5746         TOC         5           se 5748         TOD         5           se 5749         TOF         5           se 5749         TOF         5           se 5750         TOF         5           se 5751         TOH         5           se 5753         TOH         5           se 5754         TOH         5           se 5755         TON         5           se 5756         TON         5           se 5756         TON         5           se 5763         TON         5           se 5764         TMR         5           se 5763</td><td>5744         TOA         5           5745         TOB         5           5745         TOB         5           5746         TOC         5           5748         TOD         5           5748         TOD         5           5749         TOE         5           5749         TOE         5           5750         TOE         5           5751         TOH         5           5752         TOH         5           5753         TOU         5           5754         TOH         5           5755         TOU         5           5756         TON         5           5756         TON         5           5758         TON         5           5759         TON         5           5756         TON         5           5761         TON         5           5762         TOU         5           5763         TOV         5           5764         TPA         5           5764         TMR         5           5764         TMR         5           <t< td=""><td>5744         TOA         5           5745         TOB         5           5746         TOC         5           5746         TOD         5           5748         TOD         5           5749         TOF         5           5750         TOF         5           5750         TOF         5           5751         TOH         5           5752         TOH         5           5753         TOH         5           5754         TOH         5           5755         TOH         5           5756         TOH         5           5756         TOH         5           5756         TOH         5           5759         TOH         5           5759         TOH         5           5760         TOH         5           5761         TOH         5           5762         TOH         5           5764         TMR         5           5765         TMR         5           5766         TMR         5           5721         TMR         5      5721</td></t<></td></td></td<>   | Hse 5744         TOA         5           Hse 5745         TOB         5           Hse 5745         TOB         5           Hse 5746         TOC         5           Hse 5747         TOD         5           Hse 5749         TOE         5           Hse 5749         TOE         5           Hse 5750         TOH         5           Hse 5751         TOH         5           Hse 5753         TOH         5           Hse 5753         TOH         5           Hse 5755         TOH         5           Hse 5755         TOH         5           Hse 5756         TOL         5           Hse 5756         TON         5           Hse 5759         TON         5           Hse 5756         TON         5           Hse 5759         TON         5           Hse 5760         TON         5           Hse 5763         TON         5   
  | Ise 5744     TOA     5       Ise 5745     TOB     5       Ise 5745     TOC     5       Ise 5747     TOD     5       Ise 5748     TOE     5       Ise 5749     TOF     5       Ise 5750     TOH     5       Ise 5751     TOH     5       Ise 5751     TOH     5       Ise 5753     TOH     5       Ise 5754     TOH     5       Ise 5755     TOH     5       Ise 5756     TOH     5       Ise 5756     TOI     5       Ise 5757     TON     5       Ise 5756     TON     5       Ise 5756     TON     5       Ise 5760     TON     5       Ise 5761     TON     5       Ise 5763     TOV     5       Ise 5765     TOV <td>se 5744         TOA         5           se 5745         TOB         5           se 5746         TOC         5           se 5748         TOD         5           se 5749         TOF         5           se 5749         TOF         5           se 5749         TOF         5           se 5750         TOF         5           se 5751         TOH         5           se 5752         TOH         5           se 5753         TOH         5           se 5754         TOH         5           se 5755         TOH         5           se 5755         TON         5           se 5756         TON         5           se 5753         TON         5           se 5756         TON         5           se 5760         TON         5           se 5763         TOV         5           se 5763         TOU         5           se 5764</td> <td>se 5744         TOA         5           se 5745         TOB         5           se 5745         TOB         5           se 5746         TOC         5           se 5748         TOD         5           se 5749         TOB         5           se 5750         TOB         5           se 5751         TOH         5           se 5753         TOH         5           se 5753         TOH         5           se 5754         TOH         5           se 5753         TOH         5           se 5754         TOH         5           se 5755         TOL         5           se 5756         TOL         5           se 5756         TOL         5           se 5760         TOR         5           se 5760         TON         5           se 5763         TOU         5           se 5764</td> <td>ee 5744         TOA         5           ee 5745         TOB         5           ee 5745         TOB         5           ee 5746         TOC         5           ee 5749         TOC         5           ee 5750         TOB         5           ee 5750         TOC         5           ee 5751         TOH         5           ee 5752         TOH         5           ee 5753         TOH         5           ee 5753         TOH         5           ee 5754         TOH         5           ee 5755         TOH         5           ee 5756         TOH         5           ee 5756         TOH         5           ee 5769         TON         5           ee 5769         TON         5           ee 5763         TON         5           ee 5763         TON         5           ee 5763         TOU         5           ee 5764</td> <td>e 5744         TOA         5           e 5745         TOB         5           e 5745         TOB         5           e 574         TOD         5           e 574         TOD         5           e 574         TOD         5           e 5749         TOE         5           e 5750         TOH         5           e 5751         TOH         5           e 5753         TOH         5           e 5753         TOH         5           e 5753         TOH         5           e 5755         TOH         5           e 5756         TOH         5           e 5758         TON         5           e 5759         TON         5           e 5754         TON         5           e 5753         TON         5           e 5764         TON         5           e 5763         TON         5           e 5763         TON         5           e 5763         TON         5           e 5764         TPON         5           e 5763         TON         5           e 5763         TPON</td> <td>e 5744         TOA         5           e 5745         TOB         5           e 5745         TOB         5           e 5746         TOC         5           e 5748         TOD         5           e 5749         TOB         5           e 5749         TOE         5           e 5750         TOH         5           e 5751         TOH         5           e 5753         TOH         5           e 5753         TOH         5           e 5753         TOH         5           e 5755         TOH         5           e 5756         TOH         5           e 5759         TOH         5           e 5756         TOH         5           e 5756         TON         5           e 5766         TON         5           e 5764         TON         5           e 5765         TON         5           e 5766         TON         5           e 5766         TON         5           e 5765         TON         5           e 5766         TON         5           5 5         5</td> <td>e 5744         TOA         5           e 5745         TOB         5      
    e 5745         TOB         5           e 5746         TOC         5           e 5749         TOE         5           e 5749         TOE         5           e 5749         TOE         5           e 5750         TOE         5           e 5751         TOH         5           e 5753         TOH         5           e 5753         TOH         5           e 5753         TOH         5           e 5755         TOH         5           e 5756         TOH         5           e 5753         TOU         5           e 5754         TON         5           e 5755         TOU         5           e 5763         TON         5           e 5764         TON         5           e 5765         TOU         5           e 5763         TOV         5           e 5764         TPA         5           e 5765         TOU         5           e 5764         TPA         5           5 5         5</td> <td>se 5744         TOA         5           se 5745         TOB         5           se 5746         TOC         5           se 5748         TOD         5           se 5749         TOF         5           se 5749         TOF         5           se 5750         TOF         5           se 5751         TOH         5           se 5753         TOH         5           se 5754         TOH         5           se 5755         TON         5           se 5756         TON         5           se 5756         TON         5           se 5763         TON         5           se 5764         TMR         5           se 5763</td> <td>5744         TOA         5           5745         TOB         5           5745         TOB         5           5746         TOC         5           5748         TOD         5           5748         TOD         5           5749         TOE         5           5749         TOE         5           5750         TOE         5           5751         TOH         5           5752         TOH         5           5753         TOU         5           5754         TOH         5           5755         TOU         5           5756         TON         5           5756         TON         5           5758         TON         5           5759         TON         5           5756         TON         5           5761         TON         5           5762         TOU         5           5763         TOV         5           5764         TPA         5           5764         TMR         5           5764         TMR         5           <t< td=""><td>5744         TOA         5           5745         TOB         5           5746         TOC         5           5746         TOD         5           5748         TOD         5           5749         TOF         5           5750         TOF         5           5750         TOF         5           5751         TOH         5           5752         TOH         5           5753         TOH         5           5754         TOH         5           5755         TOH         5           5756         TOH         5           5756         TOH         5           5756         TOH         5           5759         TOH         5           5759         TOH         5           5760         TOH         5           5761         TOH         5           5762         TOH         5           5764         TMR         5           5765         TMR         5           5766         TMR         5           5721         TMR         5      5721</td></t<></td>   | se 5744         TOA         5           se 5745         TOB         5           se 5746         TOC         5           se 5748         TOD         5           se 5749         TOF         5           se 5749         TOF         5           se 5749         TOF         5           se 5750         TOF         5           se 5751         TOH         5           se 5752         TOH         5           se 5753         TOH         5           se 5754         TOH         5           se 5755         TOH         5           se 5755         TON         5           se 5756         TON         5           se 5753         TON         5           se 5756         TON         5           se 5760         TON         5           se 5763         TOV         5           se 5763         TOU         5           se 5764   
  | se 5744         TOA         5           se 5745         TOB         5           se 5745         TOB         5           se 5746         TOC         5           se 5748         TOD         5           se 5749         TOB         5           se 5750         TOB         5           se 5751         TOH         5           se 5753         TOH         5           se 5753         TOH         5           se 5754         TOH         5           se 5753         TOH         5           se 5754         TOH         5           se 5755         TOL         5           se 5756         TOL         5           se 5756         TOL         5           se 5760         TOR         5           se 5760         TON         5           se 5763         TOU         5           se 5764  
   | ee 5744         TOA         5           ee 5745         TOB         5           ee 5745         TOB         5           ee 5746         TOC         5           ee 5749         TOC         5           ee 5750         TOB         5           ee 5750         TOC         5           ee 5751         TOH         5           ee 5752         TOH         5           ee 5753         TOH         5           ee 5753         TOH         5           ee 5754         TOH         5           ee 5755         TOH         5           ee 5756         TOH         5           ee 5756         TOH         5           ee 5769         TON         5           ee 5769         TON         5           ee 5763         TON         5           ee 5763         TON         5           ee 5763         TOU         5           ee 5764  | e 5744 
       TOA         5           e 5745         TOB         5           e 5745         TOB         5           e 574         TOD         5           e 574         TOD         5           e 574         TOD         5           e 5749         TOE         5           e 5750         TOH         5           e 5751         TOH         5           e 5753         TOH         5           e 5753         TOH         5           e 5753         TOH         5           e 5755         TOH         5           e 5756         TOH         5           e 5758         TON         5           e 5759         TON         5           e 5754         TON         5           e 5753         TON         5           e 5764         TON         5           e 5763         TON         5           e 5763         TON         5           e 5763         TON         5           e 5764         TPON         5           e 5763         TON         5           e 5763         TPON  | e 5744         TOA         5           e 5745         TOB         5           e 5745         TOB         5           e 5746         TOC         5           e 5748         TOD         5           e 5749         TOB         5           e 5749         TOE         5           e 5750         TOH         5           e 5751         TOH         5           e 5753         TOH         5           e 5753         TOH         5           e 5753         TOH         5           e 5755         TOH         5           e 5756         TOH         5           e 5759         TOH         5           e 5756         TOH         5           e 5756         TON         5           e 5766         TON         5           e 5764         TON         5           e 5765         TON         5           e 5766         TON         5           e 5766         TON         5           e 5765         TON         5           e 5766         TON         5           5 5         5   
  | e 5744         TOA         5           e 5745         TOB         5           e 5745         TOB         5           e 5746         TOC         5           e 5749         TOE         5           e 5749         TOE         5           e 5749         TOE         5           e 5750         TOE         5           e 5751         TOH         5           e 5753         TOH         5           e 5753         TOH         5           e 5753         TOH         5           e 5755         TOH         5           e 5756         TOH         5           e 5753         TOU         5           e 5754         TON         5           e 5755         TOU         5           e 5763         TON         5           e 5764         TON         5           e 5765         TOU         5           e 5763         TOV         5           e 5764         TPA         5           e 5765         TOU         5           e 5764         TPA         5           5 5         5   | se 5744         TOA         5           se 5745         TOB         5           se 5746         TOC         5           se 5748         TOD         5           se 5749         TOF         5           se 5749         TOF         5           se 5750         TOF         5           se 5751         TOH         5           se 5753         TOH         5           se 5754         TOH         5           se 5755         TON         5           se 5756         TON         5           se 5756         TON         5           se 5763         TON         5           se 5764         TMR         5           se 5763   | 5744         TOA         5           5745         TOB         5           5745         TOB         5           5746         TOC         5           5748         TOD         5           5748         TOD         5           5749         TOE         5           5749         TOE         5           5750         TOE         5           5751         TOH         5           5752         TOH         5           5753         TOU         5           5754         TOH         5           5755         TOU         5           5756         TON         5           5756         TON         5           5758         TON         5           5759         TON         5           5756         TON         5           5761         TON         5           5762         TOU         5           5763         TOV         5           5764         TPA         5           5764         TMR         5           5764         TMR         5 <t< td=""><td>5744         TOA         5           5745         TOB         5           5746         TOC         5           5746         TOD         5           5748         TOD         5           5749         TOF         5           5750         TOF         5           5750         TOF         5           5751         TOH         5           5752         TOH         5           5753         TOH         5           5754         TOH         5           5755         TOH         5           5756         TOH         5           5756         TOH         5           5756         TOH         5           5759         TOH         5           5759         TOH         5           5760         TOH         5           5761         TOH         5           5762         TOH         5           5764         TMR         5           5765         TMR         5    
      5766         TMR         5           5721         TMR         5      5721</td></t<>   | 5744         TOA         5           5745         TOB         5           5746         TOC         5           5746         TOD         5           5748         TOD         5           5749         TOF         5           5750         TOF         5           5750         TOF         5           5751         TOH         5           5752         TOH         5           5753         TOH         5           5754         TOH         5           5755         TOH         5           5756         TOH         5           5756         TOH         5           5756         TOH         5           5759         TOH         5           5759         TOH         5           5760         TOH         5           5761         TOH         5           5762         TOH         5           5764         TMR         5           5765         TMR         5           5766         TMR         5           5721         TMR         5      5721  |
| st Fans - Hse 5745 TOB 51899 51800 51800 51900 51900  | Fans - Hse 5745         TOB         51899           Fans - Hse 5746         TOC         51900           Fans - Hse 5747         TOD         51901   | Fans - Hse 5745         TOB         51899           Fans - Hse 5746         TOC         51900           Fans - Hse 5747         TOD         51901           Fans - Hse 5748         TOE         51902  | ans - Hse 5745         TOB         51899         51899         51800         51900         51900         51901         51901         51901         51901         51901         51901         51901         51901         51901         51902         51903 | ans - Hse 5745     TOB     51899       ans - Hse 5746     TOC     51900       ans - Hse 5747     TOD     51901       ans - Hse 5748     TOE     51902       ans - Hse 5748     TOE     51902       ans - Hse 5749     TOF     51903       ans - Hse 5750     TOG     51903  | ns - Hse 5745     TOB     51899       ns - Hse 5746     TOC     51900       ns - Hse 5747     TOD     51901       ns - Hse 5748     TOE     51902       ns - Hse 5748     TOE     51902       ns - Hse 5749     TOF     51903       ns - Hse 5750     TOG     51903       ns - Hse 5751     TOH     51903  | s - Hse 5745     TOB     51899       s - Hse 5746     TOC     51900       s - Hse 5747     TOD     51901       s - Hse 5748     TOE     51902       s - Hse 5749     TOE     51902       s - Hse 5749     TOE     51903       s - Hse 5750     TOF     51903       s - Hse 5751     TOH     51904       s - Hse 5751     TOH     51905  
   
   
  | -Hse 5745     TOB     51899       -Hse 5746     TOC     51900       -Hse 5747     TOD     51901       -Hse 5748     TOE     51902       -Hse 5749     TOE     51902       -Hse 5749     TOE     51903       -Hse 5750     TOF     51904       -Hse 5751     TOF     51904       -Hse 5753     TOH     51905       -Hse 5753     TOI     51905  
   
  | -Hse 5745         TOB         51899           -Hse 5746         TOC         51900           -Hse 5747         TOD         51901           -Hse 5748         TOD         51901           -Hse 5748         TOE         51902           -Hse 5749         TOF         51903           -Hse 5749         TOF         51903           -Hse 5749         TOF         51903           -Hse 5750         TOF         51903           -Hse 5751         TOH         51903           -Hse 5751         TOH         51905           -Hse 5753         TOH         51906           -Hse 5753         TOI         51906           -Hse 5753         TOI         51906  | -Hse 5745     TOB     51899       -Hse 5746     TOC     51900       -Hse 5747     TOD     51901       -Hse 5748     TOE     51902       -Hse 5749     TOE     51903       -Hse 5749     TOF     51903       -Hse 5750     TOF     51904       -Hse 5751     TOF     51905       -Hse 5752     TOH     51906       -Hse 5753     TOI     51906       -Hse 5755     TOI     51906   
  | -Hse 5745         TOB         51899         51899           -Hse 5746         TOC         51900         51901           -Hse 5747         TOD         51901         51901           -Hse 5748         TOE         51902         51901           -Hse 5749         TOE         51902         51902           -Hse 5749         TOF         51903         51904           -Hse 5750         TOF         51904         51904           -Hse 5751         TOH         51905         51905           -Hse 5752         TOH         51905         51906           -Hse 5753         TOH         51906         51906           -Hse 5753         TOL         51906         51906           -Hse 5755         TOL         51906         51906           -Hse 5755         TOL         51906         51906  
   
  | -Hse 5745         TOB         5189           -Hse 5746         TOC         51900           -Hse 5747         TOD         51901           -Hse 5748         TOD         51901           -Hse 5748         TOD         51901           -Hse 5748         TOE         51901           -Hse 5748         TOE         51902           -Hse 5749         TOF         51903           -Hse 5750         TOF         51905           -Hse 5751         TOH         51905           -Hse 5752         TOI         51906           -Hse 5753         TOI         51906           -Hse 5753         TOI         51906           -Hse 5753         TOI         51908           -Hse 5753         TOI         51908           -Hse 5754         TOI         51909           -Hse 5755         TOI         51909           -Hse 5756         TOI         51909           -Hse 5756         TOI         51909   
   | -Hse 5745     TOB     51899       -Hse 5746     TOC     51900       -Hse 5747     TOC     51901       -Hse 5748     TOC     51902       -Hse 5749     TOE     51902       -Hse 5749     TOE     51902       -Hse 5749     TOE     51902       -Hse 5750     TOF     51903       -Hse 5751     TOH     51905       -Hse 5752     TOH     51905       -Hse 5753     TOH     51905       -Hse 5753     TOH     51905       -Hse 5753     TOH     51905       -Hse 5753     TOL     51906       -Hse 5755     TOL     51906       -Hse 5755     TOL     51907       -Hse 5755     TOL     51909       -Hse 5755     TOL     51910       -Hse 5755     TOL     51910       -Hse 5756     TOC     51910       -Hse 5756     TOC     51911   
   
   | -Hse 5745     TOB     51899       -Hse 5746     TOC     51900       -Hse 5747     TOD     51901       -Hse 5748     TOD     51902       -Hse 5748     TOE     51902       -Hse 5748     TOE     51902       -Hse 5749     TOE     51903       -Hse 5748     TOE     51903       -Hse 5750     TOF     51903       -Hse 5751     TOH     51905       -Hse 5752     TOH     51905       -Hse 5753     TOH     51905       -Hse 5753     TOH     51905       -Hse 5753     TOH     51906       -Hse 5754     TOH     51906       -Hse 5755     TOH     51907       -Hse 5756     TOL     51909       -Hse 5756     TOC     51910       -Hse 5756     TOC     51911       -Hse 5756     TOC     51911       -Hse 5756     TOC     51913       -Hse 5756     TOC     51913       -Hse 5757     TOP     51913   
   
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   | Idee 5745     TOB     51899       Idee 5746     TOC     51900       Idee 5747     TOD     51900       Idee 5748     TOE     51902       Idee 5748     TOE     51902       Idee 5749     TOF     51903       Idee 5750     TOF     51904       Idee 5751     TOH     51905       Idee 5752     TOH     51906       Idee 5753     TOH     51906       Idee 5754     TOH     51906       Idee 5755     TOI     51906       Idee 5755     TOI     51906       Idee 5755     TOI     51906       Idee 5756     TOI     51901       Idee 5756     TOI     51901       Idee 5756     TOI     51911       Idee 5756     TOI     51911       Idee 5756     TOI     51911       Idee 5756     TOI     51913       Idee 5756     TOI     51913       Idee 5760     TOI     51913       Idee 5763     TOI     51913       Idee 5763     TOI     51913       Idee 5763     TOI     51913       Idee 5763     TOI     51918       Idee 5763     TOI     51918       Idee 5763     TOI   
   | se 5745         TOB         51899           se 5746         TOC         51900           se 5747         TOD         51901           se 5748         TOE         51901           se 5749         TOE         51901           se 5749         TOE         51902           se 5749         TOF         51903           se 5750         TOG         51905           se 5751         TOI         51905           se 5753         TOI         51906           se 5754         TOI         51906           se 5755         TOI         51906           se 5756         TOI         51910           se 5756         TOI         51910           se 5756         TOI         51910           se 5756         TOO         51911           se 5756         TOO         51913           se 5760         TON         51913           se 5760         TON         51913           se 5760         TON         51913           se 5763         TON         51913           se 5763         TON         51913           se 5763         TON         51916 <td< td=""><td>se 5745         TOB         51899           se 5746         TOC         51900           se 5747         TOD         51901           se 5748         TOE         51902           se 5749         TOE         51902           se 5749         TOF         51902           se 5750         TOF         51903           se 5751         TOH         51905           se 5752         TOI         51906           se 5753         TOI         51906           se 5754         TOI         51906           se 5755         TOI         51906           se 5755         TOI         51906           se 5756         TOI         51906           se 5755         TOI         51910           se 5756         TOC         51913           se 5756         TOC         51913           se 5760         TOC         51913           <td< td=""><td>ce 5745         TOB         51899           e 5746         TOC         51900           e 5747         TOD         51901           e 5748         TOC         51902           e 5749         TOE         51902           e 5749         TOE         51902           e 5749         TOF         51903           e 5750         TOH         51905           e 5753         TOI         51906           e 5753         TOI         51906           e 5754         TOI         51906           e 5755         TOI         51906           e 5755         TOI         51906           e 5756         TOI         51906           e 5755         TOI         51901           e 5756         TOI         51913           e 5756         TOI         51913           e 5760         TON         51916           e 5761         TON         51913           e 5763         TON         51914           e 5763         TON         51914           e 5763         TON         51914           e 5763         TON         51916           e 5763         &lt;</td><td>e 5745TOB<math>51899</math><math>5730</math><math>e 5746</math>TOC<math>51900</math><math>51901</math><math>e 5749</math>TOE<math>51902</math><math>51902</math><math>e 5749</math>TOF<math>51903</math><math>51903</math><math>e 5749</math>TOF<math>51903</math><math>51903</math><math>e 5750</math>TOI<math>51906</math><math>51906</math><math>e 5753</math>TOI<math>51906</math><math>51906</math><math>e 5753</math>TOI<math>51906</math><math>51906</math><math>e 5753</math>TOI<math>51906</math><math>51910</math><math>e 5755</math>TOI<math>51906</math><math>51910</math><math>e 5755</math>TOI<math>51910</math><math>51910</math><math>e
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5755     TOJ     51911       se 5756     TOJ     51913       se 5756     TOQ     51913       se 5756     TOQ     51913       se 5759     TON     51913       se 5760     TON     51913       se 5760     TON     51913       se 5761     TON     51913       se 5763     TON     51913       se 5764     TON     51914       se 5763     TON     51913       se 5764     TON     51914       se 5763     TON     51916       se 5764     TON     51916       se 5763     TON     51916       se 5764</td><td>5745         TOB         <math>51899</math> <math>51900</math> <math>5746</math>         TOC         <math>51900</math> <math>51901</math> <math>574</math>         TOE         <math>51902</math> <math>51902</math> <math>5749</math>         TOE         <math>51902</math> <math>51903</math> <math>5750</math>         TOF         <math>51903</math> <math>5793</math> <math>5751</math>         TOF         <math>51903</math> <math>5793</math> <math>5751</math>         TOH         <math>51906</math> 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51903           se 5751         TOH         51905           se 5752         TOI         51906           se 5753         TOI         51906           se 5754         TOI         51906           se 5755         TOI         51906           se 5755         TOI         51906           se 5756         TOI         51906           se 5755         TOI         51910           se 5756         TOC         51913           se 5756         TOC         51913           se 5760         TOC         51913 <td< td=""><td>ce 5745         TOB         51899           e 5746         TOC         51900           e 5747         TOD         51901           e 5748         TOC         51902           e 5749         TOE         51902           e 5749         TOE         51902           e 5749         TOF         51903           e 5750         TOH         51905           e 5753         TOI         51906           e 5753         TOI         51906           e 5754         TOI         51906           e 5755         TOI    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5752     TOI     51906       se 5753     TOJ     51906       se 5754     TOJ     51907       se 5755     TOJ     51910       se 5755     TOJ     51911       se 5756     TOJ     51913       se 5756     TOQ     51913       se 5756     TOQ     51913       se 5759     TON     51913       se 5760     TON     51913       se 5760     TON     51913       se 5761     TON     51913       se 5763     TON     51913       se 5764     TON     51914       se 5763     TON     51913       se 5764     TON     51914       se 5763     TON     51916       se 5764     TON     51916       se 5763     TON     51916       se 5764</td><td>5745         TOB         <math>51899</math> <math>51900</math> <math>5746</math>         TOC         <math>51900</math> <math>51901</math> <math>574</math>         TOE         <math>51902</math> <math>51902</math> <math>5749</math>         TOE         <math>51902</math> <math>51903</math> <math>5750</math>         TOF         <math>51903</math> <math>5793</math> <math>5751</math>         TOF         <math>51903</math> <math>5793</math> <math>5751</math>         TOH         <math>51906</math> <math>51906</math> <math>5752</math>         TOI         <math>51906</math> <math>51906</math> <math>5752</math>         TOI         <math>51906</math> <math>51906</math> <math>5753</math>         TOJ         <math>51906</math> <math>51906</math> <math>5754</math>         TOI         <math>51906</math> <math>51916</math> <math>5755</math>         TOJ         <math>51916</math> <math>51916</math> <math>5756</math>         TOO         <math>51916</math> <math>51916</math> <math>5756</math>         TOU         <math>51916</math> <math>51916</math> <math>5756</math>         TOU         <math>51916</math> <math>57916</math> <math>5756</math>         TOU         <math>51916</math> <math>57916</math> <math>5756</math>         TOU         <math>51916</math> <math>57516</math> <math>5761</math>         TOU         <math>51916</math> <math>57516</math></td><td>5745         TOB         51899         51890           5746         TOC         51900         51901           574         TOC         51902         51903           5748         TOF         51903         51903           5748         TOF         51903         51903           5750         TOF         51904         51903           5751         TOF         51904         51905           5753         TOI         51906         51906           5753         TOI         51906         51903           5753         TOI         51906         51910           5754         TOI         51906         51910           5755         TOI         51913         51913           5756         TOO         51914         51913           5758         TOO         51914         51914           5760         TOO         51914         51914</td></td<> | ce 5745         TOB         51899           e 5746         TOC         51900           e 5747         TOD         51901           e 5748         TOC         51902           e 5749         TOE         51902           e 5749         TOE         51902           e 5749         TOF         51903           e 5750         TOH         51905           e 5753         TOI         51906           e 5753         TOI         51906           e 5754         TOI         51906           e 5755         TOI         51906           e 5755         TOI         51906           e 5756         TOI         51906           e 5755         TOI         51901           e 5756         TOI         51913           e 5756         TOI         51913           e 5760         TON         51916           e 5761         TON         51913           e 5763         TON         51914           e 5763         TON         51914           e 5763         TON         51914           e 5763         TON         51916           e 5763         <   
   | e 5745TOB $51899$ $5730$ $e 5746$ TOC $51900$ $51901$ $e 5749$ TOE $51902$ $51902$ $e 5749$ TOF $51903$ $51903$ $e 5749$ TOF $51903$ $51903$ $e 5750$ TOI $51906$ $51906$ $e 5753$ TOI $51906$ $51906$ $e 5753$ TOI $51906$ $51906$ $e 5753$ TOI $51906$ $51910$ $e 5755$ TOI $51906$ $51910$ $e 5755$ TOI $51910$ $51910$ $e 5756$ TOI $51910$ $51910$ $e 5756$ TOI $51910$ $51911$ $e 5756$ TOI $51910$ $51911$ $e 5756$ TOO $51911$ $51912$ $e 5756$ TOO $51910$ $51912$ $e 5760$ TOO $51910$ $51912$ $e 5760$ TOO $51912$ $51912$ $e 5760$ TOO $51916$ $51912$ $e 5760$ TOO $51916$ $51912$ $e 5760$ TOO $51916$ $51912$ $e 5760$ TOO $51920$ $51920$ $e 5761$ TPO $51920$ $51920$ $e 5762$ TPO $51920$ $51920$ $e 5761$ TPO $51920$ $51920$ $e 5762$ TPO $51920$ $51920$ $e 5761$ TPO $51920$ $51920$ $e 5761$ TPO $51920$ $51920$ $e 5720$ TPO $51920$ $51920$   | e 5745         TOB $51899$ $51900$ $e 5746$ TOC $51900$ $51901$ $e 574$ TOD $51901$ $51902$ $e 574$ TOE $51902$ $51902$ $e 574$ TOE $51903$ $51902$ $e 575$ TOH $51903$ $51904$ $e 575$ TOH $51906$ $51906$ $e 5752$ TOH $51906$ $51906$ $e 5753$ TOH $51906$ $51906$ $e 5754$ TOH $51906$ $51916$ $e 5755$ TOI $51916$ $51916$ $e 5756$ TOC $51916$ $51916$ $e 5756$ TOC $51916$ $51916$ $e 5750$ TOU $51916$ $51916$ $e 5760$ TOO $51916$ <  
  | e 5745         TOB $51899$ $51900$ $e 5746$ TOC $51900$ $51901$ $e 5748$ TOE $51902$ $51902$ $e 5748$ TOE $51903$ $51903$ $e 5749$ TOF $51903$ $51903$ $e 5750$ TOH $51904$ $51903$ $e 5751$ TOH $51906$ $51904$ $e 5753$ TOH $51906$ $51906$ $e 5753$ TOH $51906$ $51906$ $e 5754$ TOH $51906$ $51916$ $e 5755$ TOU $51916$ $51916$ $e 5756$ TOC $51916$ $51916$ $e 5756$ TOC $51916$ $51916$ $e 5758$ TOC $51916$ $51916$ $e 5756$ TOC $51916$ $51916$ $e 5758$ TOV $51916$ $51916$ $e 5756$ TOU $51916$ $51916$ $e 5761$ TOV $51$  | se 5745     TOB     51899       se 5746     TOC     51900       se 5748     TOC     51901       se 5748     TOE     51902       se 5748     TOE     51902       se 5749     TOF     51903       se 5749     TOF     51903       se 5750     TOF     51903       se 5751     TOI     51904       se 5752     TOI     51906       se 5753     TOJ     51906       se 5754     TOJ     51907       se 5755     TOJ     51910       se 5755     TOJ     51911       se 5756     TOJ     51913       se 5756     TOQ     51913       se 5756     TOQ     51913       se 5759     TON     51913       se 5760     TON     51913       se 5760     TON     51913       se 5761     TON     51913       se 5763     TON     51913       se 5764     TON     51914       se 5763     TON     51913       se 5764     TON     51914       se 5763     TON     51916       se 5764     TON     51916       se 5763     TON     51916       se 5764  
  | 5745         TOB $51899$ $51900$ $5746$ TOC $51900$ $51901$ $574$ TOE $51902$ $51902$ $5749$ TOE $51902$ $51903$ $5750$ TOF $51903$ $5793$ $5751$ TOF $51903$ $5793$ $5751$ TOH $51906$ $51906$ $5752$ TOI $51906$ $51906$ $5752$ TOI $51906$ $51906$ $5753$ TOJ $51906$ $51906$ $5754$ TOI $51906$ $51916$ $5755$ TOJ $51916$ $51916$ $5756$ TOO $51916$ $51916$ $5756$ TOU $51916$ $51916$ $5756$ TOU $51916$ $57916$ $5756$ TOU $51916$ $57916$ $5756$ TOU $51916$ $57516$ $5761$ TOU $51916$ $57516$  | 5745         TOB         51899         51890           5746         TOC         51900         51901           574         TOC         51902         51903           5748         TOF         51903         51903           5748         TOF         51903         51903           5750         TOF         51904         51903           5751         TOF         51904         51905           5753         TOI         51906         51906           5753         TOI         51906         51903           5753         TOI         51906         51910           5754         TOI         51906         51910           5755         TOI         51913         51913           5756         TOO         51914         51913           5758         TOO         51914         51914           5760         TOO         51914         51914   |
| st Fans - Hse 5746 TOC 51900 \$5  | Fans - Hse 5746         TOC         51900         \$5           Fans - Hse 5747         TOD         51901         \$5   | Fans - Hse 5746         TOC         51900         \$5           Fans - Hse 5747         TOD         51901         \$5           Fans - Hse 5748         TOE         51902         \$5  | ans - Hse 5746         TOC         51900         \$5           ans - Hse 5747         TOD         51901         \$5           ans - Hse 5748         TOE         51902         \$5           ans - Hse 5748         TOE         51902         \$5           ans - Hse 5748         TOE         51902         \$5   | ans - Hse 5746     TOC     51900     \$5       ans - Hse 5747     TOD     51901     \$5       ans - Hse 5748     TOE     51902     \$5       ans - Hse 5749     TOF     51903     \$5       ans - Hse 5749     TOF     51903     \$5       ans - Hse 5750     TOG     51904     \$5   | Is - Hse 5746         TOC         51900         \$5           ns - Hse 5747         TOD         51901         \$5           ns - Hse 5748         TOE         51902         \$5           ns - Hse 5748         TOE         51902         \$5           ns - Hse 5748         TOE         51902         \$5           ns - Hse 5749         TOF         51903         \$5           ns - Hse 5749         TOF         51903         \$5           ns - Hse 5750         TOG         51904         \$5           ns - Hse 5751         TOH         51905         \$5  | s - Hse 5746     TOC     51900     \$5       s - Hse 5748     TOD     51901     \$5       s - Hse 5748     TOE     51902     \$5       s - Hse 5749     TOF     51903     \$5       s - Hse 5750     TOF     51903     \$5       s - Hse 5751     TOH     51904     \$5       s - Hse 5751     TOH     51906     \$5  
   
   
  | -Hse 5746         TOC         51900         \$\$           -Hse 5747         TOD         51901         \$\$           -Hse 5748         TOE         51902         \$\$           -Hse 5748         TOE         51902         \$\$           -Hse 5749         TOF         51902         \$\$           -Hse 5749         TOF         51902         \$\$           -Hse 5750         TOG         51904         \$\$           -Hse 5751         TOH         51905         \$\$           -Hse 5753         TOI         51906         \$\$           -Hse 5753         TOI         51906         \$\$  
   
  | -Hse 5746         TOC         51900         \$5           -Hse 5747         TOD         51901         \$5           -Hse 5748         TOE         51902         \$5           -Hse 5749         TOF         51902         \$5           -Hse 5749         TOF         51902         \$5           -Hse 5750         TOF         51903         \$5           -Hse 5751         TOH         51904         \$5           -Hse 5751         TOH         51905         \$5           -Hse 5753         TOH         51906         \$5           -Hse 5753         TOI         51908         \$5  | -Hse 5746     TOC     51900     \$5       -Hse 5747     TOD     51901     \$5       -Hse 5748     TOE     51902     \$5       -Hse 5749     TOF     51902     \$5       -Hse 5749     TOF     51902     \$5       -Hse 5749     TOF     51902     \$5       -Hse 5750     TOF     51904     \$5       -Hse 5751     TOH     51905     \$5       -Hse 5752     TOI     51906     \$5       -Hse 5753     TOI     51906     \$5       -Hse 5753     TOI     51906     \$5       -Hse 5755     TOL     51908     \$5   
  | - Hse 5746         TOC         51900         \$5<           - Hse 5747         TOD         51901         \$5           - Hse 5748         TOE         51901         \$5           - Hse 5748         TOF         51902         \$5           - Hse 5749         TOF         51902         \$5           - Hse 5749         TOF         51903         \$5           - Hse 5750         TOG         51904         \$5           - Hse 5751         TOH         51905         \$5           - Hse 5752         TOI         51906         \$5           - Hse 5753         TOI         51908         \$5           - Hse 5755         TOL         51909         \$5           - Hse 5755         TOL         51909         \$5           - Hse 5755         TOL         51909         \$5  
   
   | -Hse 5746         TOC         51900         \$5<           -Hse 5747         TOD         51901         \$5           -Hse 5748         TOE         51901         \$5           -Hse 5749         TOF         51902         \$5           -Hse 5749         TOF         51903         \$5           -Hse 5749         TOF         51903         \$5           -Hse 5750         TOG         51904         \$5           -Hse 5751         TOH         51906         \$5           -Hse 5752         TOH         51906         \$5           -Hse 5753         TOH         51906         \$5           -Hse 5753         TOH         51906         \$5           -Hse 5753         TOH         51908         \$5           -Hse 5753         TOL         51908         \$5           -Hse 5755         TOL         51909         \$5           -Hse 5755         TOL         51909         \$5           -Hse 5756         TOL         51910         \$5  
  | -Hse 5746     TOC     51900     \$\$       -Hse 5747     TOD     51901     \$\$       -Hse 5748     TOE     51901     \$\$       -Hse 5748     TOE     51902     \$\$       -Hse 5749     TOF     51902     \$\$       -Hse 5749     TOF     51902     \$\$       -Hse 5750     TOF     51903     \$\$       -Hse 5750     TOG     51904     \$\$       -Hse 5752     TOI     51906     \$\$       -Hse 5753     TOI     51906     \$\$       -Hse 5753     TOI     51906     \$\$       -Hse 5754     TOI     51906     \$\$       -Hse 5755     TOI     51906     \$\$       -Hse 5756     TO     51909     \$\$       -Hse 5756     TOO     51910     \$\$       -Hse 5756     TOO     51910     \$\$       -Hse 5758     TOO     51910     \$\$  
   
  | -Hse 5746     TOC     51900     \$\$       -Hse 5747     TOD     51901     \$\$       -Hse 5748     TOE     51901     \$\$       -Hse 5748     TOE     51902     \$\$       -Hse 5749     TOF     51903     \$\$       -Hse 5750     TOF     51903     \$\$       -Hse 5750     TOG     51904     \$\$       -Hse 5751     TOH     51905     \$\$       -Hse 5752     TOI     51906     \$\$       -Hse 5753     TOI     51906     \$\$       -Hse 5753     TOI     51906     \$\$       -Hse 5754     TOI     51908     \$\$       -Hse 5755     TOI     51909     \$\$       -Hse 5756     TOC     51910     \$\$       -Hse 5756     TOO     51910     \$\$       -Hse 5758     TOO     51911     \$\$       -Hse 5758     TOP     51911     \$\$       -Hse 5758     TOP     51911     \$\$  
   
               | s - Hse 5746     TOC     51900     \$5       s - Hse 5743     TOD     51901     \$5       s - Hse 5749     TOE     51902     \$5       s - Hse 5749     TOE     51902     \$5       s - Hse 5749     TOF     51903     \$5       s - Hse 5750     TOF     51904     \$5       s - Hse 5751     TOH     51905     \$5       s - Hse 5751     TOH     51905     \$5       s - Hse 5752     TOI     51906     \$5       s - Hse 5752     TOI     51906     \$5       s - Hse 5753     TOI     51906     \$5       s - Hse 5753     TOI     51906     \$5       s - Hse 5753     TOI     51907     \$5       s - Hse 5753     TOI     51907     \$5       s - Hse 5755     TOI     51908     \$5       s - Hse 5756     TOC     51910     \$5       s - Hse 5756     TOO     51911     \$5       s - Hse 5756     TOQ     51914     \$5       s - Hse 5758     TOQ     51914     \$5       s - Hse 5759     TOR     51914     \$5   
   | - Hse 5746     TOC     51900     \$5       - Hse 5747     TOD     51901     \$5       - Hse 5748     TOE     51901     \$5       s - Hse 5749     TOE     51902     \$5       s - Hse 5749     TOF     51903     \$5       s - Hse 5750     TOF     51903     \$5       s - Hse 5750     TOF     51904     \$5       s - Hse 5751     TOH     51905     \$5       s - Hse 5752     TOI     51906     \$5       s - Hse 5752     TOI     51906     \$5       s - Hse 5753     TOI     51906     \$5       s - Hse 5753     TOI     51906     \$5       s - Hse 5755     TOI     51907     \$5       s - Hse 5755     TOI     51907     \$5       s - Hse 5756     TOO     51910     \$5       s - Hse 5756     TOP     51910     \$5       s - Hse 5758     TOP     51913     \$5       s - Hse 5759     TOR     51913     \$5       s - Hse 5756     TOS     51915     \$5       s - Hse 5750     TOS     51915     \$5       s - Hse 5756     TOS     51915     \$5  
   
   | 5 - Hes 5746     TOC     51900     \$5       5 - Hes 5747     TOD     51901     \$5       5 - Hes 5748     TOE     51901     \$5       5 - Hes 5748     TOE     51902     \$5       5 - Hes 5749     TOF     51903     \$5       5 - Hes 5750     TOG     51904     \$5       5 - Hes 5751     TOH     51905     \$5       5 - Hes 5752     TOH     51906     \$5       5 - Hes 5752     TOH     51906     \$5       5 - Hes 5753     TOH     51906     \$5       5 - Hes 5753     TOL     51907     \$5       5 - Hes 5755     TOL     51908     \$5       5 - Hes 5756     TOL     51909     \$5       5 - Hes 5756     TOC     51910     \$5       5 - Hes 5756     TOC     51911     \$5       5 - Hes 5756     TOC     51911     \$5       5 - Hes 5756     TOQ     51912     \$5       5 - Hes 5756     TOQ     51912     \$5       5 - Hes 5769     TOQ     51912     \$5       5 - Hes 5769     TOQ     51912     \$5       5 - Hes 5763     TOU     51916     \$5       5 - Hes 5763     TOU     51916     \$5 <td>-Hse 5746         TOC         51900         \$55           -Hse 5747         TOD         51901         \$55           -Hse 5748         TOE         51902         \$55           -Hse 5748         TOE         51902         \$55           -Hse 5749         TOF         51902         \$55           -Hse 5750         TOF         51903         \$55           -Hse 5751         TOH         51905         \$55           -Hse 5752         TOI         51906         \$55           -Hse 5753         TOJ         51906         \$55           -Hse 5753         TOJ         51906         \$55           -Hse 5755         TOI         51906         \$55           -Hse 5756         TOO         51910         \$55           -Hse 5756         TOO         51911         \$55           -Hse 5756         TOQ         51911         \$55           -Hse 5757         TOQ         51913         \$55           -Hse 5756         TOQ         51914         \$55           -Hse 5756         TOQ         51914         \$55           -Hse 5756         TOU         51914         \$55           -Hse 5760         <t< td=""><td>Hse 5746         TOC         51900         \$5&lt;           Hse 5747         TOD         51901         \$5&lt;</td>           Hse 5748         TOE         51902         \$5           Hse 5748         TOE         51902         \$5           Hse 5749         TOF         51903         \$5           Hse 5750         TOG         51904         \$5           Hse 5751         TOH         51905         \$5           Hse 5753         TOJ         51906         \$5           Hse 5753         TOJ         51906         \$5           Hse 5754         TOJ         51906         \$5           Hse 5755         TOJ         51906         \$5           Hse 5755         TOL         51909         \$5           Hse 5756         TOL         51910         \$5           Hse 5759         TOQ         51911         \$5           Hse 5759         TOQ         51913         \$5           Hse 5750         TON         51914         \$5           Hse 5760         TON         51914         \$5           Hse 5763         TOU         51914         \$5           Hse 5763         TOU         51916</t<></td> <td>Idee 5746     TOC     51900     \$5       Idee 5747     TOD     51901     \$5       Idee 5748     TOE     51901     \$5       Idee 5748     TOF     51902     \$5       Idee 5749     TOF     51903     \$5       Idee 5749     TOF     51904     \$5       Idee 5750     TOG     51906     \$5       Idee 5751     TOI     51906     \$5       Idee 5753     TOI     51906     \$5       Idee 5754     TOI     51906     \$5       Idee 5755     TOI     51908     \$5       Idee 5755     TOL     51909     \$5       Idee 5756     TOL     51909     \$5       Idee 5756     TOL     51901     \$5       Idee 5756     TOL     51901     \$5       Idee 5756     TOL     51911     \$5       Idee 5756     TOC     51911     \$5       Idee 5756     TOC     51911     \$5       Idee 5756     TOU     51912     \$5       Idee 5760     TON     51912     \$5       Idee 5760     TON     51916     \$5       Idee 5763     TOU     51916     \$5       Idee 5766     TOU     51916<td>se 5746         TOC         51900         \$5&lt;           se 5747         TOD         51901         \$5&lt;</td>           se 5748         TOE         51902         \$5           se 5749         TOF         51902         \$5           se 5749         TOF         51902         \$5           se 5750         TOG         51905         \$5           se 5751         TOI         51906         \$5           se 5753         TOI         51906         \$5           se 5754         TOI         51906         \$5           se 5755         TOI         51906         \$5           se 5755         TOI         51910         \$5           se 5756         TOC         51911         \$5           se 5756         TOC         51911         \$5           se 5750         TOC         51914         \$5           se 5760         TOU         51912         \$5           se 5760         TOU         51914         \$5           se 5760         TOU         51914         \$5           se 5763         TOU         51916         \$5           se 5763         TOU         51916         \$5</td> <td>se 5746         TOC         51900         \$5&lt;           se 5747         TOD         51901         \$5&lt;</td> se 5748         TOE         51901         \$5<  
  | -Hse 5746         TOC         51900         \$55           -Hse 5747         TOD         51901         \$55           -Hse 5748         TOE         51902         \$55           -Hse 5748         TOE         51902         \$55           -Hse 5749         TOF         51902         \$55           -Hse 5750         TOF         51903         \$55           -Hse 5751         TOH         51905         \$55           -Hse 5752         TOI         51906         \$55           -Hse 5753         TOJ         51906         \$55           -Hse 5753         TOJ         51906         \$55           -Hse 5755         TOI         51906         \$55           -Hse 5756         TOO         51910         \$55           -Hse 5756         TOO         51911         \$55           -Hse 5756         TOQ         51911         \$55           -Hse 5757         TOQ         51913         \$55           -Hse 5756         TOQ         51914         \$55           -Hse 5756         TOQ         51914         \$55           -Hse 5756         TOU         51914         \$55           -Hse 5760 <t< td=""><td>Hse 5746         TOC         51900         \$5&lt;           Hse 5747         TOD         51901         \$5&lt;</td>           Hse 5748         TOE         51902         \$5           Hse 5748         TOE         51902         \$5           Hse 5749         TOF         51903         \$5           Hse 5750         TOG         51904         \$5           Hse 5751         TOH         51905         \$5           Hse 5753         TOJ         51906         \$5           Hse 5753         TOJ         51906         \$5           Hse 5754         TOJ         51906         \$5           Hse 5755         TOJ         51906         \$5           Hse 5755         TOL         51909         \$5           Hse 5756         TOL         51910         \$5           Hse 5759         TOQ         51911         \$5           Hse 5759         TOQ         51913         \$5           Hse 5750         TON         51914         \$5           Hse 5760         TON         51914         \$5           Hse 5763         TOU         51914         \$5           Hse 5763         TOU         51916</t<>   
  | Hse 5746         TOC         51900         \$5<           Hse 5747         TOD         51901         \$5<  
   | Idee 5746     TOC     51900     \$5       Idee 5747     TOD     51901     \$5       Idee 5748     TOE     51901     \$5       Idee 5748     TOF     51902     \$5       Idee 5749     TOF     51903     \$5       Idee 5749     TOF     51904     \$5       Idee 5750     TOG     51906     \$5       Idee 5751     TOI     51906     \$5       Idee 5753     TOI     51906     \$5       Idee 5754     TOI     51906     \$5       Idee 5755     TOI     51908     \$5       Idee 5755     TOL     51909     \$5       Idee 5756     TOL     51909     \$5       Idee 5756     TOL     51901     \$5       Idee 5756     TOL     51901     \$5       Idee 5756     TOL     51911     \$5       Idee 5756     TOC     51911     \$5       Idee 5756     TOC     51911     \$5       Idee 5756     TOU     51912     \$5       Idee 5760     TON     51912     \$5       Idee 5760     TON     51916     \$5       Idee 5763     TOU     51916     \$5       Idee 5766     TOU     51916 <td>se 5746         TOC         51900         \$5&lt;           se 5747         TOD         51901         \$5&lt;</td> se 5748         TOE         51902         \$5           se 5749         TOF         51902         \$5           se 5749         TOF         51902         \$5           se 5750         TOG         51905         \$5           se 5751         TOI         51906         \$5           se 5753         TOI         51906         \$5           se 5754         TOI         51906         \$5           se 5755         TOI         51906         \$5           se 5755         TOI         51910         \$5           se 5756         TOC         51911         \$5           se 5756         TOC         51911         \$5           se 5750         TOC         51914         \$5           se 5760         TOU         51912         \$5           se 5760         TOU         51914         \$5           se 5760         TOU         51914         \$5           se 5763         TOU         51916         \$5           se 5763         TOU         51916         \$5  
   | se 5746         TOC         51900         \$5<           se 5747         TOD         51901         \$5<   
  | se 5746         TOC         51900         \$5<           se 5747         TOD         51901         \$5<  
   | ce 5746         TOC         51900         \$5<           ce 5747         TOD         51901         \$5<   
  | e 5746         TOC         51900         \$5<           e 5747         TOD         51901         \$5<  
   | e 5746         TOC         51900         \$5<           e 5747         TOD         51901         \$55           e 5748         TOE         51902         \$55           e 5748         TOF         51902         \$55           e 5749         TOF         51902         \$55           e 5750         TOG         51906         \$55           e 5751         TOI         51906         \$55           e 5753         TOJ         51906         \$55           e 5753         TOJ         51906         \$55           e 5755         TOJ         51910         \$55           e 5756         TOL         51910         \$55           e 5758         TOL         51911         \$55           e 5758         TOC         51911         \$55           e 5758         TOC         51913         \$55           e 5760         TON         51913         \$55           e 5761         TOU         51916         \$55           e 5763         TOU         51913         \$55           e 5764         TON         51913         \$55           e 5763         TOU         51916         \$55  | e 5746         TOC         51900         \$5<           e 5747         TOD         51901         \$55           e 5748         TOF         51902         \$55           e 5749         TOF         51902         \$55           e 5750         TOF         51903         \$55           e 5751         TOH         51906         \$55           e 5753         TOI         51906         \$55           e 5753         TOI         51906         \$55           e 5753         TOI         51907         \$55           e 5755         TOI         51910         \$55           e 5755         TOC         51913         \$55           e 5756         TOC         51913         \$55           e 5759         TOC         51913         \$55           e 5756         TOC         51913         \$55           e 5764         TOC         51914         \$55           e 5763         TOV         51914         \$55           e 5764         TOV         51913         \$55           e 5764         TOV         51914         \$55           e 5763         TOV         51916         \$55   | se 5746         TOC         51900         \$5<           se 5747         TOD         51901         \$5<  
  | 5746         TOC         51900         \$5           5747         TOD         51901         \$5           5748         TOE         51901         \$5           5749         TOF         51902         \$5           5750         TOF         51903         \$5           5751         TOH         51903         \$5           5751         TOH         51903         \$5           5752         TOH         51906         \$5           5753         TOJ         51906         \$5           5755         TOL         51909         \$5           5755         TOL         51909         \$5           5755         TOL         51910         \$5           5756         TOL         51911         \$5           5759         TOC         51913         \$5           5756         TOU         51916         \$5           5756         TOU         51916         \$5           5756         TOU         51916         \$5           5758         TOU         51916         \$5           5760         TOU         51916         \$5           5761         TOU <td>5746         TOC         51901         55           5747         TOD         51901         55           5748         TOE         51902         55           5749         TOF         51902         55           5750         TOF         51902         55           5751         TOH         51906         55           5752         TOI         51906         55           5753         TOI         51906         55           5754         TOI         51906         55           5755         TOI         51916         55           5755         TOI         51910         55           5755         TOI         51916         55           5756         TOO         51914         55           5758         TOO         51916         55           5758         TOO         51916         55           5760         TON         51916         55           5759         TOO         51916         55           5761         TON         51916         55           5761         TON         51916         55           5761         TON<!--</td--></td>  | 5746         TOC         51901         55           5747         TOD         51901         55           5748         TOE         51902         55           5749         TOF         51902         55           5750         TOF         51902         55           5751         TOH         51906         55           5752         TOI         51906         55           5753         TOI         51906         55           5754         TOI         51906         55           5755         TOI         51916         55           5755         TOI         51910         55           5755         TOI         51916         55           5756         TOO         51914         55           5758         TOO         51916         55           5758         TOO         51916         55           5760         TON         51916         55           5759         TOO         51916         55           5761         TON         51916         55           5761         TON         51916         55           5761         TON </td   |
|   | : Fans - Hse 5747 TOD 51901 \$5   | Fans - Hse 5747         TOD         51901         \$5           Fans - Hse 5748         TOE         51902         \$5  | ans - Hse 5747 TOD 51901 \$5<br>ans - Hse 5748 TOE 51902 \$5<br>ans - Hse 5749 TOF 51903 \$5   | ans - Hse 5747 TOD 51901 \$5<br>ans - Hse 5748 TOE 51902 \$5<br>ans - Hse 5749 TOF 51903 \$5<br>ans - Hse 5750 TOG 51904 \$5  | Ts - Hse 5747         TOD         51901         \$5           Ts - Hse 5748         TOE         51902         \$5           To - Hse 5749         TOF         51903         \$5           Ts - Hse 5750         TOG         51904         \$5           Ts - Hse 5751         TOH         51905         \$5  | s - Hse 5747     TOD     51901     \$5       s - Hse 5748     TOE     51902     \$5       s - Hse 5750     TOF     51904     \$5       s - Hse 5751     TOG     51904     \$5       s - Hse 5751     TOH     51905     \$5       s - Hse 5752     TOH     51906     \$5   
   
   
  | -Hse 5747         TOD         51901         \$5           -Hse 5748         TOE         51902         \$5           -Hse 5749         TOF         51903         \$5           -Hse 5750         TOG         51904         \$5           -Hse 5751         TOH         51905         \$5           -Hse 5751         TOH         51905         \$5           -Hse 5752         TOH         51906         \$5           -Hse 5753         TOI         51906         \$5  
   
  | -Hse 5747     TOD     51901     \$55       -Hse 5748     TOE     51902     \$55       -Hse 5749     TOF     51902     \$55       -Hse 5750     TOG     51904     \$55       -Hse 5751     TOH     51905     \$55       -Hse 5753     TOI     51906     \$55       -Hse 5753     TOI     51906     \$55       -Hse 5753     TOI     51906     \$55       -Hse 5754     TOK     51908     \$55   | -Hse 5747         TOD         51901         \$5<           -Hse 5748         TOE         51902         \$5           -Hse 5749         TOF         51902         \$5           -Hse 5750         TOF         51903         \$5           -Hse 5750         TOG         51904         \$5           -Hse 5751         TOH         51905         \$5           -Hse 5752         TOI         51906         \$5           -Hse 5753         TOI         51906         \$5           -Hse 5753         TOI         51906         \$5           -Hse 5754         TOI         51906         \$5           -Hse 5753         TOI         51906         \$5           -Hse 5753         TOI         51908         \$5  
  | -Hse 5747         TOD         51901         \$5           -Hse 5748         TOE         51902         \$5           -Hse 5749         TOF         51902         \$5           -Hse 5750         TOG         51903         \$5           -Hse 5750         TOG         51904         \$5           -Hse 5751         TOH         51905         \$5           -Hse 5752         TOI         51906         \$5           -Hse 5753         TOI         51906         \$5           -Hse 5753         TOI         51907         \$5           -Hse 5755         TOI         51909         \$5           -Hse 5755         TOI         51909         \$5  
   
  | Hse 5747         TOD         51901         \$55           -Hse 5748         TOE         51902         \$55           -Hse 5749         TOF         51902         \$55           -Hse 5750         TOG         51903         \$55           -Hse 5751         TOH         51905         \$55           -Hse 5752         TOI         51906         \$55           -Hse 5752         TOI         51906         \$55           -Hse 5753         TOI         51907         \$55           -Hse 5753         TOI         51909         \$55           -Hse 5755         TOI         51909         \$55           -Hse 5755         TOI         51909         \$55           -Hse 5756         TOI         51910         \$55   
   | -Hse 5747         TOD         51901         \$5<           -Hse 5748         TOE         51902         \$5           -Hse 5749         TOF         51902         \$5           -Hse 5750         TOF         51903         \$5           -Hse 5750         TOG         51904         \$5           -Hse 5751         TOH         51905         \$5           -Hse 5752         TOJ         51906         \$5           -Hse 5753         TOJ         51906         \$5           -Hse 5753         TOJ         51907         \$5           -Hse 5754         TOJ         51907         \$5           -Hse 5755         TOJ         51907         \$5           -Hse 5755         TOJ         51907         \$5           -Hse 5755         TOL         51909         \$5           -Hse 5756         TOD         51910         \$5           -Hse 5758         TOO         51911         \$5           -Hse 5758         TOQ         51911         \$5  
   
   | -Hse 5747         TOD         51901         \$5           -Hse 5748         TOE         51902         \$5           -Hse 5749         TOF         51902         \$5           -Hse 5750         TOG         51903         \$5           -Hse 5750         TOG         51904         \$5           -Hse 5751         TOH         51905         \$5           -Hse 5752         TOH         51906         \$5           -Hse 5753         TOJ         51906         \$5           -Hse 5753         TOJ         51907         \$5           -Hse 5753         TOJ         51907         \$5           -Hse 5753         TOJ         51907         \$5           -Hse 5755         TON         51910         \$5           -Hse 5755         TON         51910         \$5           -Hse 5756         TON         51910         \$5           -Hse 5756         TON         51911         \$5           -Hse 5758         TON         51912         \$5           -Hse 5758         TON         51913         \$5           -Hse 5758         TON         51913         \$5   
  | s - Hse 5747     TOD     51901     \$5   
   s - Hse 5748     TOE     51902     \$5       s - Hse 5749     TOF     51902     \$5       s - Hse 5750     TOF     51903     \$5       s - Hse 5751     TOH     51905     \$5       s - Hse 5752     TOH     51906     \$5       s - Hse 5752     TOI     51906     \$5       s - Hse 5752     TOI     51906     \$5       s - Hse 5753     TOJ     51907     \$5       s - Hse 5755     TOJ     51908     \$5       s - Hse 5755     TOL     51909     \$5       s - Hse 5756     TOL     51910     \$5       s - Hse 5756     TOO     51910     \$5       s - Hse 5756     TOO     51910     \$5       s - Hse 5756     TOO     51911     \$5       s - Hse 5758     TOO     51911     \$5       s - Hse 5758     TOO     51913     \$5       s - Hse 5758     TOO     51914     \$5       s - Hse 5758     TOO     51914     \$5       s - Hse 5758     TOO     51914     \$5  
  | s - Hse 5747     TOD     51901     \$5       s - Hse 5748     TOE     51902     \$5       s - Hse 5750     TOF     51903     \$5       s - Hse 5750     TOG     51904     \$5       s - Hse 5750     TOH     51905     \$5       s - Hse 5751     TOH     51906     \$5       s - Hse 5752     TOH     51906     \$5       s - Hse 5752     TOH     51906     \$5       s - Hse 5753     TOH     51906     \$5       s - Hse 5753     TOH     51907     \$5       s - Hse 5753     TOK     51908     \$5       s - Hse 5755     TOL     51909     \$5       s - Hse 5756     TOC     51910     \$5       s - Hse 5758     TOQ     51913     \$5       s - Hse 5758     TOR     51913     \$5       s - Hse 5759     TOR     51913     \$5       s - Hse 5750     TOR     51915     \$5       s - Hse 5750     TOR     51915     \$5  
   
   | s - Hse 5747     TOD     51901     \$5       s - Hse 5748     TOE     51902     \$5       s - Hse 5750     TOF     51902     \$5       s - Hse 5750     TOG     51904     \$5       s - Hse 5751     TOH     51905     \$5       s - Hse 5751     TOH     51906     \$5       s - Hse 5752     TOH     51906     \$5       s - Hse 5753     TOJ     51907     \$5       s - Hse 5753     TOJ     51907     \$5       s - Hse 5753     TOJ     51907     \$5       s - Hse 5755     TOJ     51907     \$5       s - Hse 5755     TOJ     51907     \$5       s - Hse 5756     TOO     51910     \$5       s - Hse 5756     TOP     51911     \$5       s - Hse 5756     TOP     51911     \$5       s - Hse 5758     TOP     51912     \$5       s - Hse 5758     TOO     51912     \$5       s - Hse 5758     TOP     51913     \$5       s - Hse 5760     TOR     51913     \$5       s - Hse 5760     TOS     51914     \$5       s - Hse 5763     TOU     51916     \$5       s - Hse 5763     TOU     51916     \$5 <td>Hse 5747         TOD         51901         \$5&lt;           -Hse 5748         TOE         51902         \$5           -Hse 5750         TOF         51902         \$5           -Hse 5750         TOF         51903         \$5           -Hse 5750         TOG         51905         \$5           -Hse 5751         TOH         51905         \$5           -Hse 5752         TOI         51906         \$5           -Hse 5753         TOJ         51906         \$5           -Hse 5753         TOJ         51907         \$5           -Hse 5754         TOL         51908         \$5           -Hse 5755         TOJ         51910         \$5           -Hse 5755         TOO         51910         \$5           -Hse 5756         TOO         51910         \$5           -Hse 5758         TOO         51913         \$5           -Hse 5758         TOQ         51913         \$5           -Hse 5758         TOQ         51913         \$5           -Hse 5759         TOQ         51914         \$5           -Hse 5750         TOU         51914         \$5           -Hse 5763         TOU</td> <td>Hse <math>5747</math>TOD<math>51901</math><math>\$55</math>Hse <math>5748</math>TOE<math>51902</math>\$55Hse <math>5750</math>TOF<math>51902</math>\$55Hse <math>5751</math>TOG<math>51904</math>\$55Hse <math>5751</math>TOH<math>51906</math>\$55Hse <math>5753</math>TOI<math>51906</math>\$55Hse <math>5753</math>TOI<math>51906</math>\$55Hse <math>5754</math>TOI<math>51906</math>\$55Hse <math>5753</math>TOI<math>51906</math>\$55Hse <math>5754</math>TOI<math>51906</math>\$55Hse <math>5755</math>TOI<math>51909</math>\$55Hse <math>5756</math>TOC<math>51910</math>\$55Hse <math>5756</math>TOC<math>51910</math>\$55Hse <math>5758</math>TOO<math>51910</math>\$55Hse <math>5759</math>TOC<math>51912</math>\$55Hse <math>5759</math>TOC<math>51914</math>\$55Hse <math>5760</math>TOC<math>51916</math>\$55Hse <math>5761</math>TOU<math>51916</math>\$55Hse <math>5761</math>TOU<math>51916</math>\$55Hse <math>5763</math>TOU<math>51916</math>\$55Hse <math>5763</math>TOU<math>51916</math>\$55Hse <math>5763</math>TOU<math>51916</math>\$55Hse <math>5763</math>TOU<math>51916</math>\$55Hse <math>5763</math>TOU<math>51916</math>\$55Hse <math>5763</math>TOU<math>51916</math>\$55Hse <math>5763</math>TOU<math>51916</math>\$55Hse <math>5763</math>TOU<math>51916</math>\$55Hse <math>5763</math>TOU<math>51919</math>\$55Hse <math>5763</math>TOU<math>51919</math>\$55Hse <math>5763</math>TOU<math>51916</math>\$55</td> <td>Ise 5747         TOD         51901         \$5&lt;           Ise 5748         TOE         51902         \$5           Ise 5749         TOF         51902         \$5           Ise 5749         TOF         51903         \$5           Ise 5750         TOG         51906         \$5           Ise 5751         TOI         51906         \$5           Ise 5752         TOI         51906         \$5           Ise 5753         TOI         51907         \$5           Ise 5753         TOU         51907         \$5           Ise 5755         TOU         51907         \$5           Ise 5756         TOU         51910         \$5           Ise 5756         TOO         51911         \$5           Ise 5758         TOO         51911         \$5           Ise 5759         TOO         51911         \$5           Ise 5750         TOO         51911         \$5           Ise 5750         TOO         51912         \$5           Ise 5750         TOO         51913         \$5           Ise 5760         TOV         51916         \$5           Ise 5760         TOV         51916</td> <td>5747         TOD         51901         \$5&lt;           se 5748         TOE         51902         \$5&lt;</td> se 5749         TOF         51902         \$5           se 5750         TOF         51903         \$5           se 5751         TOH         51905         \$5           se 5752         TOH         51906         \$5           se 5753         TOJ         51906         \$5           se 5753         TOJ         51907         \$5           se 5753         TOJ         51907         \$5           se 5755         TOJ         51910         \$5           se 5756         TOO         51910         \$5           se 5756         TOO         51911         \$5           se 5758         TOQ         51913         \$5           se 5760         TOQ         51913         \$5           se 5760         TOQ         51913         \$5           se 5760         TOU         51916         \$5           se 5760         TOU         51913         \$5           se 5760         TOU         51916         \$5           se 5763         TOU         51916         \$5  
  | Hse 5747         TOD         51901         \$5<           -Hse 5748         TOE         51902         \$5           -Hse 5750         TOF         51902         \$5           -Hse 5750         TOF         51903         \$5           -Hse 5750         TOG         51905         \$5           -Hse 5751         TOH         51905         \$5           -Hse 5752         TOI         51906         \$5           -Hse 5753         TOJ         51906         \$5           -Hse 5753         TOJ         51907         \$5           -Hse 5754         TOL         51908         \$5           -Hse 5755         TOJ         51910         \$5           -Hse 5755         TOO         51910         \$5           -Hse 5756         TOO         51910         \$5           -Hse 5758         TOO         51913         \$5           -Hse 5758         TOQ         51913         \$5           -Hse 5758         TOQ         51913         \$5           -Hse 5759         TOQ         51914         \$5           -Hse 5750         TOU         51914         \$5           -Hse 5763         TOU  
  | Hse $5747$ TOD $51901$ $$55$ Hse $5748$ TOE $51902$ \$55Hse $5750$ TOF $51902$ \$55Hse $5751$ TOG $51904$ \$55Hse $5751$ TOH $51906$ \$55Hse $5753$ TOI $51906$ \$55Hse $5753$ TOI $51906$ \$55Hse $5754$ TOI $51906$ \$55Hse $5753$ TOI $51906$ \$55Hse $5754$ TOI $51906$ \$55Hse $5755$ TOI $51909$ \$55Hse $5756$ TOC $51910$ \$55Hse $5756$ TOC $51910$ \$55Hse $5758$ TOO $51910$ \$55Hse $5759$ TOC $51912$ \$55Hse $5759$ TOC $51914$ \$55Hse $5760$ TOC $51916$ \$55Hse $5761$ TOU $51916$ \$55Hse $5761$ TOU $51916$ \$55Hse $5763$ TOU $51919$ \$55Hse $5763$ TOU $51919$ \$55Hse $5763$ TOU $51916$ \$55   
   | Ise 5747         TOD         51901         \$5<           Ise 5748         TOE         51902         \$5           Ise 5749         TOF         51902         \$5           Ise 5749         TOF         51903         \$5           Ise 5750         TOG         51906         \$5           Ise 5751         TOI         51906         \$5           Ise 5752         TOI         51906         \$5           Ise 5753         TOI         51907         \$5           Ise 5753         TOU         51907         \$5           Ise 5755         TOU         51907         \$5           Ise 5756         TOU         51910         \$5           Ise 5756         TOO         51911         \$5           Ise 5758         TOO         51911         \$5           Ise 5759         TOO         51911         \$5           Ise 5750         TOO         51911         \$5           Ise 5750         TOO         51912         \$5           Ise 5750         TOO         51913         \$5           Ise 5760         TOV         51916         \$5           Ise 5760         TOV         51916   
   | 5747         TOD         51901         \$5<           se 5748         TOE         51902         \$5<  
  | 5747         TOD         51901         \$5<           se 5748         TOE         51902         \$5<   
   | e 5747         TOD         51901         \$55           e 5748         TOE         51902         \$55           e 5749         TOF         51902         \$55           e 5750         TOG         51903         \$55           e 5751         TOH         51905         \$55           e 5753         TOI         51906         \$55           e 5755         TOI         51910         \$55           e 5756         TOO         51911         \$55           e 5753         TOO         51913         \$55           e 5763         TOO         51913         \$55           e 5763         TOO         51916         \$55           e 5763         TOU         51916         \$55   
  | 65747         TOD $51901$ $$55$ $e5748$ TOE $51902$ $$55$ $e5749$ TOF $51902$ $$55$ $e5750$ TOG $51906$ $$55$ $e5751$ TOI $51906$ $$55$ $e5752$ TOI $51906$ $$55$ $e5753$ TOJ $51906$ $$55$ $e5753$ TOJ $51906$ $$55$ $e5754$ TOJ $51907$ $$55$ $e5755$ TOJ $51910$ $$55$ $e5756$ TOO $51910$ $$55$ $e5756$ TOO $51910$ $$55$ $e5750$ TOO $51910$ $$55$ $e5760$ TOO $51910$ $$55$ $e5763$ TOV $51910$ $$55$ $e5764$ TOV $51910$ $$55$ $e5763$ TOV $51910$ $$55$ $e5764$ TPA $51910$ $$55$  
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					01-20115 - CG AIRSTA	CAPE COD							
Project	Parent	Ctatue	Prog Awd EV	Cont Comp	Droiont Title	DEN	l ocation	Aud/Ect	1 Coete	DOLL	ARS (\$K) M4A+C Costs	Λdd	MC Contrib
		Olalus	- DWC				FOCALIOI	1941 Far	0.0013	D 00313	S1000 0 . V . III		
3696865	3457300	INPRG	2011	02/04/2013	Elect/Tel Upgrade Hsg Units 9/10	TE91	7786	\$49	\$0	\$5	\$44	\$418	\$0
3466092		INPRG	2012		Repair Spalled Concrete on Hangar 3170	NONE	1719	\$374	\$0	\$0	\$0	\$0	\$0
4968317	3466092	INPRG	2012		Construction Repair Spalled Concrete on Hangar 3170	VZ3	52098	\$374	\$0	\$0	\$374	\$14,033	\$0
3818307		INPRG	2012	09/26/2012	Replace Roll-Up Door at GSE Garage	VQ2	52092	\$19	\$0	\$2	\$17	\$903	\$0
4899644	3818307	INPRG	2012	09/26/2012	Upgrade to Insulated Door	VQ2	52092	\$3	\$0	\$0	\$3	\$903	\$0
4347129	3973183	COMP	2012	07/18/2012	Family Relocations	NONE	1719	\$24	\$0	\$24	\$0	\$0	\$0
4775693	3973183	INPRG	2012		Additional Asbestos testing	NONE	214	\$14	\$0	\$14	\$0	\$0	\$0
3973183		INPRG	2011		Demo housing units at ASCC	NONE	214	\$2,392	\$0	\$0	\$0	\$0	\$0
4746949	3973183	INPRG	2012		Mod 1: Additional Asbestos Abatement	NONE	214	\$184	\$0	\$184	\$0	\$0	\$0
3045757	3973183	INPRG	2011		Demolish Bldg 5300 (Housing)	TAB	6555	\$82	\$0	\$82	\$0	\$274	\$0
3045907	3973183	INPRG			Demolish Bldg 5301 (Housing)	TAC	6556	\$82	\$0	\$82	\$0	\$552	\$0
3045910	3973183	INPRG			Demolish Bldg 5306 (Housing)	ТАН	6561	\$82	\$0	\$82	\$0	\$393	\$0
3045913	3973183	INPRG			Demolish Bldg 5307 (Housing)	TAI	6562	\$82	\$0	\$82	\$0	\$552	\$0
581948	3973183	INPRG	2011		Demolish Bldg 5311 (housing)	TAO	6569	\$82	\$0	\$82	\$0	\$393	\$0
3045914	3973183	INPRG			Demolish Bldg 5313 (Housing)	TAQ	6571	\$82	\$0	\$82	\$0	\$552	\$0
581946	3973183	INPRG	2011		Demolish Bldg 5314 (housing)	TAR	6572	\$82	\$0	\$82	\$0	\$463	\$0
581967	3973183	INPRG			Demolish Bldg 5321 (housing)	TBD	6580	\$82	\$0	\$82	\$0	\$463	\$0
3045915	3973183	INPRG			Demolish Bldg 5369 (Housing)	TDK	6627	\$95	\$0	\$95	\$0	\$274	\$0
581987	3973183	INPRG			Demolish Bldg 5402 (housing)	TFB	6661	\$95	\$0	\$95	\$0	\$552	\$0
3045761	3973183	INPRG			Demolish Bldg 5403 (Housing)	TFC	6662	\$95	\$0	\$95	\$0	\$463	\$0
3045762	3973183	INPRG			Demolish Bldg 5404 (Housing)	TFD	6663	\$95	\$0	\$95	\$0	\$552	\$0
3045763	3973183	INPRG			Demolish Bldg 5405 (Housing)	TFE	6664	\$95	\$0	\$95	\$0	\$552	\$0
3045916	3973183	INPRG			Demolish Bldg 5406 (Housing)	TFF	6665	\$95	\$0	\$95	\$0	\$552	\$0
3045919	3973183	INPRG			Demolish Bldg 5407 (Housing)	TFG	6666	\$95	\$0	\$95	\$0	\$552	\$0
3045773	3973183	INPRG			Demolish Bldg 5439 (Housing)	TGS	6696	\$111	\$0	\$111	\$0	\$552	\$0
3045776	3973183	INPRG			Demolish Bldg 5442 (Housing)	TGV	6699	\$111	\$0	\$111	\$0	\$463	\$0
3045779	3973183	INPRG			Demolish Bldg 5445 (Housing)	THC	6702	\$111	\$0	\$111	\$0	\$552	\$0
3045881	3973183	INPRG			Demolish Bldg 5447 (Housing)	THE	6704	\$111	\$0	\$111	\$0	\$552	\$0
3045893	3973183	INPRG			Demolish Bldg 5452 (Housing)	THJ	6209	\$111	\$0	\$111	\$0	\$463	\$0
3045898	3973183	INPRG			Demolish Bldg 5667 (Housing)	ТКН	6749	\$71	\$0	\$71	\$0	\$274	\$0
3045900	3973183	INPRG			Demolish Bldg 5668 (Housing)	TKI	6750	\$71	\$0	\$71	\$0	\$274	\$0
3045903	3973183	INPRG			Demolish Bldg 5675 (Housing)	TKR	6757	\$71	\$0	\$71	\$0	\$552	\$0
3045764	3973183	INPRG			Demolish Bldg 5681 (Housing)	TLB	6763	\$71	\$0	\$71	\$0	\$274	\$0
3045767	3973183	INPRG			Demolish Bldg 5683 (Housing)	TLD	6765	\$71	\$0	\$71	\$0	\$274	\$0
3045770	3973183	INPRG			Demolish Bldg 5686 (Housing)	TLG	6768	\$71	\$0	\$71	\$0	\$274	\$0
582006	3973183	INPRG	2011		Demolish Bldg 5690 (housing)	TLK	6772	\$71	\$0	\$71	\$0	\$463	\$0
4128549		INPRG	2012		REPLACE ROOFS (Parent)	NONE	214	\$713	\$0	\$0	\$0	\$0	\$0
01-P02332	4128549	INPRG	2012		REPLACE ROOF (ACTIVITY CTR.)	WTX	44567	\$390	\$8	\$70	\$312	\$5,398	\$8
4613546	4128549	INPRG	2012		Replace Multiplex Roofs (Ph 2)	TJF	6729	\$48	\$2	\$5	\$41	\$274	\$2
4613549	4128549	INPRG	2012		Replace Multiplex Roofs (Ph 2)	TKA	6742	\$65	\$3	\$8	\$54	\$463	\$3
4613553	4128549	INPRG	2012		Replace Multiplex Roofs (Ph 2)	TKB	6743	\$65	\$3	\$8	\$54	\$463	\$3
4613547	4128549	INPRG	2012		Replace Multiplex Roofs (Ph 2)	TKG	6748	\$81	\$3	\$10	\$68	\$694	\$3

]												10/22/2012	Download
												ctohar 2012	Povicod.
	N 2013	Date: 07 J <mark>A</mark>	]					Commanding Officer				IATURE:	TITLE/SIGN
				\$718	PFAC level:	e FY at the OF	e "I" within the	Cumulativ	(7)(C)	& (b)	(9)(q)		
\$0	\$5,047	\$6	\$1	\$0	\$7	54988	WN5	(Mod #2) credit mod	07/13/2012		COMP	511436	4408296
\$0	\$5,047	\$434	\$95	\$0	\$529	54988	WN5	Repairs to Building 5203 (CG Exchange)	07/13/2012	2011	COMP		511436
\$0	\$5,047	\$434	\$95	\$0	\$529	54988	WN5	Repairs to Building 5203 (43 Portion)	07/13/2012	2011	COMP	511436	3847907
\$0	\$198	\$39	\$4	\$0	\$43	47334	6689	Replace Transformer (CASREP)		2012	INPRG		4900262
\$0	\$1,456	\$0	\$7	\$0	\$7	51869	WTZ	Asbestos Abatement at Bldg 5200	07/27/2012		COMP		4565040
\$2	\$463	\$45	\$6	\$2	\$54	6742	TKA	Replace Multiplex Roofs - 5656	06/15/2012	2012	COMP	4511394	3543394
\$1	\$393	\$24	\$3	\$1	\$29	6739	TJT	Replace Multiplex Roofs - 5653	06/15/2012	2012	COMP	4511394	3543089
\$3	\$694	\$55	\$8	\$3	\$66	6735	TJL	Replace Multiplex Roofs - 5601	06/15/2012	2012	COMP	4511394	3543198
\$3	\$552	\$53	\$8	\$3	\$63	6695	TGR	Replace Multiplex Roofs - 5438	06/15/2012	2012	COMP	4511394	3543343
\$3	\$463	\$53	\$8	\$3	\$63	6659	TEV	Replace Multiplex Roofs - 5602	06/15/2012	2012	COMP	4511394	3543282
\$1	\$393	\$24	\$3	\$1	\$29	6592	TBR	Replace Multiplex Roofs - 5334	06/15/2012	2012	COMP	4511394	2496982
\$31	\$0	\$30	\$4	\$1	\$35	39650	NONE	Install additonal 3/4 inch sheet of plywood	06/15/2012	2012	COMP	4511394	4738396
\$0	\$0	\$0	\$0	\$0	\$303	39650	NONE	Multiplex Roof Replacement	06/15/2012	2012	COMP		4511394
\$3	\$463	\$54	\$8	\$3	\$64	6754	тко	Replace Multiplex Roofs (Ph 2)		2012	INPRG	4128549	2496991
IC Contrib	PRV	M+A+C Costs	D Costs	I Costs	Awd/Est	Location	RPFN	Project Title	Actual Date	Awd FY	Status	Number	Number
		\RS (\$K)	DOLLA						Cont Comp	Prog		Parent	Project
Τ							A LAPE LUL	10-201 10 - 00 HINDI					
				2	s W Chop 2	78 - Repair	FION - 49679	SEPARATE AND SEVERABLE CERTIFICA					
	COST ESTIMATE	SUMMARY	FORM CIVIL Dollars (\$K)	EINGINEERI	NG OE PR	OJECT							
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Prepared By: Project Title:	(b)(6) & (b)(7)(C) West Chop Housing Repairs	Date:	16-Oct-12	Unit Name: ATU/OPFAC:	AIRSTA Cap 20115	oe Cod (Hou:	Location:	Vineyard Hav	en, MA				
						MAICD Dis	stribution (\$K)						
Project Element	Unit	Quantity	Cost/Unit \$	۷	٨	-	U	٩	Total M+A+I+C+D				
Lead Paint Walls- Interiors WC1 Lead Paint Walls - Interiors WC2 Electrical Service WC1 Electrical Service WC2 Trim/Finish Carpentry WC1 Trim/Finish Carpentry WC1 Lead Paint - Exterior WC1 Lead Paint - Exterior WC2 Windows WC1 Windows WC1 Windows WC2 Windows WC1 Windows WC2 New C1 Painting WC1 Painting WC1 Painting WC1 Painting WC1 New Trim / Casework WC2 New GWB WC1 New GWB WC1 New GWB WC1	N N N N N N N N A A A A A A A A A A A A		<ul> <li>\$ 80.00</li> <li>\$ 3.00</li> <li>\$ 3.00</li> <li>\$ 75.00</li> <li>\$ 75.00</li> <li>\$ 18.00</li> <li>\$ 11.50</li> <li>\$ 20.00</li> <li>\$ 62.00</li> <li>\$ 80.00</li> </ul>	\$75 \$75 \$10 \$15 \$20 \$62 \$80 \$80 \$80 \$80 \$80 \$80 \$80 \$80 \$80 \$80			\$2 €2	\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	\$80 \$23 \$20 \$23 \$20 \$23 \$23 \$20 \$23 \$23 \$20 \$23 \$23 \$20 \$23 \$20 \$23 \$23 \$23 \$23 \$23 \$23 \$23 \$23 \$23 \$23				
				505 5505	<b>O</b>	C V	ទ	¢218	5746 5746				
				0.404	<b>•</b>	<b>D</b>	<u></u>		T 1 OF 1				
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#### **Environmental Analysis Checklist**

#### 17. Environmental Decision

#### Record of Decision

a. It is anticipated that, upon compliance with any applicable environmental regulatory requirements, this project/action will not have significant individual or cumulative impacts on the human environment or lead to substantial changes to existing environmental conditions nor will it result in any violation of Federal, State or local laws or regulations.

b. Based upon the above evaluation, this action is not expected to result in any significant adverse environmental impacts as described in the National Environmental Policy Act of 1969 [NEPA]. In addition, it has been determined that this action is categorically excluded under current Coast Guard CE #[s] <u>5</u> from further environmental documentation, in accordance with Section 2.B.2. and Figure 2-1, entitled "Coast Guard Categorical Exclusions" found in COMDTINST M16475.1D, NEPA Implementing Procedures, Federal Register Vol. 67, No 141, July 23, 2002 Notice and DHS MD 5100.1.

18. This environmental analysis checklist was completed by the undersigned, in consultation, as								
appropriate, with an environmental reviewer.								
Name of Person Completing Form	Title	Unit						
$(b)(6) & (b)(7)(6) \\ (b)(6) & (b)(7)(6) \\ (b)(7)(6) & (b)(7)(6) \\ (b)(7)($	(7)(C)	CEU Providence						
Signature (D)(C) & (D)		Date 10/20/2012						
19. The information in this environmental analysis checklist was reviewed by the undersigned with								
regard to known applicable environmental regulations and Coast Guard Environmental Policies and								
Directives.								
Name of Environmental Reviewer	Title	Unit						
(b)(6) & (b)(7)(C) Chief, Environmental Branch CEU Providence								
$\frac{\text{Signature}}{(b)(6)}$ & (b	)(7)(C)	Date 10/24/2012						
20. In rea	he USCG's plan	red action. I have considered the						
information contained in this envir	conmental analyses on the potent	ial for environmental impacts of						
the project.		,						
Name of Responsible Official	Title	Unit						
(t(b)(6) & (b)(7)(0)	SCHNICAL DIRECTOR	CEU PROVIDENCE						
		Date 12/14/12						

Enclosure (8)

#### AFC-43 PROJECT DEVELOPMENT SUBMITTAL (PDS) CHECK LIST

#### Project #/Title: PSN 4967978, West Chop Repairs, Vineyard Haven, Martha's Vineyard, MA

Check (X)	Item	Unit Documentation Requirements	Comments						
x	1	Cover Memo	Memo should include a brief description (one sentence) of the project scope, total project costs including A/E, other funding sources, MC contributions, cumulative "I" for the OPFAC, and expected contract award date.						
X	2	Project Scope & Purpose	Shall include the following: (1) background, (2) project scope, and (3) purpose.						
x	Project s intent is should n	cope must detail work on individual RPFNs not to increase capacity/capability, but due ot be considered as improvements and nee	. Clearly articulate RPFN improvements (increase capacity, capability & extension of service life). If the project to obsolescence or is the result of improved reliability, maintainability, and/or reduces maintenance cost the work ds to be documented to justify the classification of work (MAC).						
N/A	Phases	and Options must be broken down in detail	and by RPFN/Cost.						
X	Cost det	ailed in the PDS must match cost on the OB	E/SS Certs.						
x	3	Related Actions	Include any other work which effects this project regardless of funding source (i.e., AC&I, EC&R, AFC- 30/34, NAF, etc). Also, identify real property transactions required as a result of the proposed project (i.e., adjusted PRV approvals, corrections to the inventory, etc).						
x	4	Engineers Justification & Alternatives Considered (NOT REQUIRED FOR PDS LITE)	Brieny describe any alternatives considered if project scope results in improvements or upgrades. Work which is purely maintenance may not require the consideration of alternatives. Highlight health/safety concerns or operational impacts. Bottom line, clearly state and provide details to support the decision for the scope of work.						
x	5	Operating Expense (OE) Certification & OE Cert must be extracted from the SAM Adhoc Tool via the Civil Engineering OE Certification Query located at the following site: http://samweb.osc.uscg.mil/							
X	The OE Cert will be auto populated based on information extracted from SAM. This will also include data extracted from SAM for the S&S Cert, which will auto populate certain data fields into the OE Cert.								
X	The Cost Estimate Summary Form(s) will not auto populate at this time until a standard estimating tool is implemented in the near future.								
X	X Design and Planning costs should be categorized with a work type "DD" as a CWO under the Parent to capture the cost correctly on the OE Cert.								
X	X SAM projects involving more than one RPFN should have be assigned a CWO for each RPFN under a parent work order (with no cost assigned). Project costs should be assigned at the CWO level.								
X	Complet should b	e Replacement of an RPFN is categorized a e assigned a separate CWO to account for	as an "Improvement" and should be assigned an RPFN and tagged with a "Not Ready" status. The existing RPFN the demolition work.						
x	6	Separate & Severable (SS) Certification	The S&S Cert will be produced at the same time the OE Cert is extracted from the SAM Adhoc Tool via the Civil Engineering OE Certification Query located at the following site: http://samweb.osc.uscg.mil/						
x	S&S Cer dates ar	t is automated based on information in SAM e available). Projects should not be placed	1 and includes all WOs with a status of INPRG/COMP (excludes COMP projects past the 12 month period if valid in a "Closed" status until the warranty period expires (normally 12 months after beneficial occupancy).						
x	S&S Ce	rt related cost must match the related cost o	arried forward on the OE Cert.						
X	Section	1: Extracts data from SAM, listing the Paren	t/CWOs associated with proposed project.						
X	Section analysis	2: Extracts CWOs with the same RPFNs as	s in Section 1 for the MAC analysis. The MACI data will auto populate on the OE Cert for the "MAC" and "I"						
X	Section This is a	3: Requires a review of the data automatica manual enter (cut and past) and must be m	Ily extracted under section 4 to determine if any of the work on other RPFNs are related to the proposed project. nanually entered on the OE Cert.						
x	Section S&S Ce	<ol> <li>Highlights "Improvement "cost for the eva t. Review to document if improvements ar</li> </ol>	aluation of the cumulative "I" component for the OPFAC within the "current FY". This is a manual enter on the e related/unrelated when reaching or exceeding the \$900K threshold.						
X	7	Applicable Drawings (NOT REQUIRED F	OR PDS LITE)						
X	8	CATEX/FONSI Cover w/Signature (Only)							

Comments:	(b)(6) & (b)(7)(C)	
Reviewed By: Date:	12/20/2012	Commanding Officer

Created: September 2011



- Subj: PROJECT DEVELOPMENT SUBMITTAL (PDS): WEST CHOP HOUSING REPAIRS, WEST CHOP 1&2, VINEHARD HAVEN, MARTHA'S VINEYARD, MA; PSN 4967978
- Ref: (a) CG-43 memo 11000 of 5 October 2011 "AFC-43 Procedure Changes for Project Approvals, Documentation, and Oversight Controls"
  (b) FY 2013 Continuing Resolution Appropriations Act, H.J. Res. 17 P.L. 112-175
  (c) ALCGFINANCE FY 2013 Continuing Resolution Guidance
- 1. Enclosure (1) is forwarded, recommending approval.

2. This endorsement confirms the project currently meets the requirements of references (a), (b), and (c).

3. Current project estimate for this project is \$746K. Currently the MC threshold contribution is \$530K. CEU Providence shall continue to monitor all modifications to the threshold and ensure the \$900K MC threshold cap and \$50K housing Improvement threshold cap per housing unit are not exceeded.

4. Cumulative "I" for AIRSTA Cape Cod OPFAC 01-20115 for the current FY is \$57K from an unrelated project PSN 4599616 which was recently awarded and had not been awarded prior to the creation of this PDS package.

5. Also of note, unrelated PSN's 5096314 and 01-P03291 are FY13 projects which were awarded after this PDS package was put together. They do not have "I" components.

6. This project should be considered for review and determination as a Construction-In-Progress (CIP) AFC-43 project for potential capitalization.

### 7. Questions or comments should be directed to (b)(6) & (b)(7)(C) at (b)(6) & (b)(7)(C) or email (b)(6) & (b)(7)(C)

#

Encl: (1) CG CEU Providence memo 11000 of 07 Jan 2013

Copy: CG CEU Providence

U.S. Department of Homeland Security

United States Coast Guard



Commandant United States Coast Guard 2100 Second St. SW, STOP 7901 Washington, DC 20593-7901 Staff Symbol: CG-43 Phone: (202) 475-5604 Fax: (202) 475-5959

11000 6 February 2013



comb (COMDT (CG-438)

Reply to Attn of:

 $\begin{array}{c} \text{CG-438} \\ \text{(b)(6) \& (b)(7)(C)} \\ \text{(b)(6) \& (b)(7)(C)} \end{array}$ 

To: CG CEU Providence

**MEMORANDUM** 

- Subj: PROJECT DEVELOPMENT SUBMITTAL (PDS); HOUSING REPAIRS AT WEST CHOP LIGHT, MARTHA'S VINEYARD, MA; PSN 01-4967978
- Ref: (a) CG CEU Providence memo 11000 of 07 Jan 2013
  - (b) CG SILC endorsement memo 11000 of 10 Jan 2013
  - (c) FY2013 Continuing Resolution Act, P.L. 112-175

(d) ALCOAST 012/11 Interim Financial Guidance for Execution of AFC-43 Funding

1. The PDS to repair housing units at West Chop Light, Martha's Vineyard, MA, forwarded via reference (a) and endorsed via reference (b), meets criteria established in references (c) and (d) for OE funding. The FY2013 AFC-43 project is approved at the estimated cost of \$746K; the minor construction contribution is \$530K.

2. The National Historic Preservation Act allows the Coast Guard to apply lighthouse sale proceeds towards maintenance activities of existing light stations. This project meets the criteria and will be funded from a no year account specifically established to capture expenditures associated with this program. The SILC will establish a specific accounting line and funds will be transferred as soon as the account has been established. Please ensure the contracting documents refer to this account, which will be under the X01 appropriation code.

3. If the contract is not awarded prior to expiration of reference (c), the PDS will have to be reviewed and re-approved to ensure it meets OE funding criteria in effect at time of construction contract award. In addition, any change in cost throughout the life of the project must be evaluated to ensure that the "I" component remains below \$50K per housing unit and the project remains within the CG-43 minor construction threshold of \$900K

Copy: CG SILC (SMC)

### West Chop Light Housing Investigation

## Exhibit (13)

Withheld all 2 pages under FOIA Exemptions 5, 6, & 7(C)

# (b)(5), (b)(6), & (b)(7)(C)



U.S. Department of Homeland Security

United States Coast Guard Commander United States Coast Guard Shore Infrastructure Logistics Center 300 East Main Street, Suite 800 Norfolk, VA 23510-9104 Staff symbol: (ead) Phone:(b)(6) & (b)(7)(C) Fax: (757) 628-4322

11000 JAN 9 2013

MEMORANDUM J. M. HEINZ, CAPT From; CG SILC To: Distribution

Reply to (b)(6) & (b)(7)(C) Attn of: (b)(6) & (b)(7)(C

Subj: FY14 CENTRALIZED AFC-43 PROJECT PRIORITIZATION BOARD RESULTS

Ref: (a) AFC-43 Centralized Planned Obligation Prioritization (C-POP) Process Guide, SILC-36-11 21 24 31-10/20110222

1. Thank you for your participation during the Centralized Planned Obligation Prioritization (C-POP) Board for the FY14 AFC43 program. The C-POP Board was held December 4-5, 2012; the process followed the procedures identified in reference (a).

2. Enclosures (1), (2), (3), and (4) are the FY14 AFC43 C-POP Board results for the Tactical Operations, Strategic Operations, Mission Readiness, and Mission Support Product Lines, respectively. Enclosure (5) is the CPOP distribution broken down by Product Line, project driver, and Tier.

3. CEUs and HQFEs shall begin designing the listed projects in preparation to make awards as early as possible in FY14, striving for  $1^{st}/2^{nd}$  quarter awards. The Insert C-POP meeting to be conducted in June, 2013, will afford an opportunity to review the approved lists to ensure that projects are on track for award and to identify any emerging requirements that may need to be considered for action in FY14. While the lists may be adjusted at the Insert C-POP meeting, the objective will be to minimize changes to enable efficient and effective delivery of these requirements.

4. This C-POP meeting continued to build on the Product Line and Asset Line responsibilities. This approach aligns with the Product Line Management cornerstone of the Coast Guard's Business Model and yields an enhanced enterprise-wide view of facility maintenance needs. Input from District and Area Planners and the Headquarters Unit Facility Engineers in the development of the Product Line priorities was critical to insure operational impacts of the proposed projects were fully understood and presented by the Product Line Managers.

5. The panel used the Product line priorities as a starting point in their deliberations. The panel developed the approved lists by reviewing and discussing the projects recommended by the Product Line Managers, the category 2 projects prioritized in the FY13 AFC43 lists, and the remaining unprioritized projects. This C-POP meeting varied from previous sessions by not creating a category 2 on the FY14 AFC43 project lists. This decision was based on the understanding that category 2 did not necessarily guarantee a project to be prioritized for the next fiscal year and that the FY+1 list is created far enough in advance of any budget forecasts.

#### Subj: FY14 CENTRALIZED AFC-43 PROJECT PRIORITIZATION BOARD RESULTS

6. During deliberations, the costs for a few projects were modified to either phase the project or more accurately define project cost:

- a. TRACEN Petaluma Renovate H-Complex Phase II: Project cost reduced from \$1.9M to \$1M to phase the project further.
- Base Seattle Piers 36A, 26B, and 37 Structural Repairs: Project cost reduced from \$2.3M to \$2.1M to more accurately define scope of work.

7. The following projects were approved for local execution, pending funds availability without centralized funding. The indicated estimates should be viewed as not to exceed amounts and funding in excess of these would require additional SILC approval.

- a. STA Annapolis Construct Boat Ramp: This is a \$200K improvement project to construct a new boat ramp. Scope of this project should be reviewed to determine compliance with COMDTNOTE 11010 dated 02 Nov 2012.
- CG Academy Install Security Locks on Exterior Doors: This is a \$475K alteration project to install electronic locks on all exterior doors of Chase Hall, cadet/officer candidate barracks.
- c. Base Kodiak Construct Fire Training Facility: This is a \$650K improvement project to construct a firefighting training facility to meet the requirements for the local fire department.
- d. STA Grays Harbor New WPB Shore Tie: This is a \$200K improvement project to install new 440 VAC, 3-phase, 100 amp electrical service at STA Grays Harbor which is frequent mid-patrol stop for 9 D13 WPBs.
- e. STA Yaquina Bay New WPB Shore Tie: This is a \$200K improvement project to install new 440 VAC, 3 phase, 100 amp electrical service at STA Yaquina Bay which is frequent mid-patrol stop for 9 D13 WPBs.
- f. AIRSTA Clearwater Construct New Fuel Farm Lab: This is a-\$250K compliance project to upgrade the fuel farm trailer at AirSta Clearwater by adding fuel testing equipment, cross-ventilation, eyewash station, grounding straps and a sink in order to meet the requirements of the CG Aviation Fuel Handling Procedures Process Guide.
- 8. A number of projects proposed for central funding involve requirements that have pending cross-program review and concurrence at headquarters. CG-43 has initiated a number of teams to develop standards to resolve the issues identified below. These projects will be considered for centralized funding as corporate support requirements are defined:
  - a. Small Arms Firing Ranges: These projects will be revisited in the spring when the requirements have been better defined by the Team.

#### Subj: FY14 CENTRALIZED AFC-43 PROJECT PRIORITIZATION BOARD RESULTS

Tactical Operations Product line Manager will work with servicing CEU to determine if the project satisfies these criteria. If so, it should be submitted to the Centralized Configuration Board (CCB) for approval for local execution without centralized funding.

c. TISCOM – Upgrade Power and Install HVAC in Shipping & Receiving: Unit FE will research requirements for equipment storage. Once requirements are clearly defined, this project should be submitted to the CCB for approval for local execution without centralized funding.

9. I appreciate your engagement during the execution of the AFC43 prioritization process. My staff will use lessons learned and the feedback you provided to continue to streamline our process.

10. My point of contact for the AFC43 C-POP process is (b)(6) & (b)(7)(C) at (b)(6) & (b)(7)(C)

#

Distribution COMDT (CG-43), (CG-7412), (DCMS-8) CG PACAREA (PAC-8) CG LANTAREA (LANT-8) CG CEU Oakland CG CEU Honolulu CG CEU Honolulu CG CEU Juneau CG CEU Cleveland CG CEU Miami CG CEU Providence CGD ONE (dcs) CGD FIVE (dcs) CGD EIGHT (dcs) CGD NINE (dcs)

CGD ELEVEN (dcs) CGD THIRTEEN (dcs) CGD FOURTEEN (dcs) CGD SEVENTEEN (dcs) CG Academy CG TRACEN Petaluma CG TRACEN Cape May CG TRACEN Yorktown CG Yard CG FDCC CG TISCOM CG ATC Mobile FY14 AFC43 05DEC 2012 C-POP Board Results FY14 AFC43 MISSION READINESS PROJECTS:

Tier ≥ ≥ ≥ 2 ≥ ≥ ≥ ≣ Ξ ≣ ≥ ≣ = Asset HSG TRNG HSG HSG HSG HSG HSG HSG **HSG** HSG HSG RSF HSG Driver Project Σ ∢ Σ Σ Σ Σ Σ Σ Σ Σ Σ Σ 4 Tell Con Fits \$14,240,000 \$1,295,000 \$1,500,000 \$1,500,000 \$1,500,000 \$1,000,000 \$1,500,000 \$1,000,000 \$915,000 \$1,000,000 \$480,000 \$1,000,000 \$750,000 \$800,000 **FY14 AFC43 MISSION READINESS** heating and electrical systems to accommodate new century DoD "one plus one" standard. Reconfigure 100 amp breakers. Re-wire residences to include a Base Alameda / Novato Upgrade each housing unit to residential standard Sealed Combustion Hot Water Heaters (48 each) HSG/Lake Louise Duplexes Exterior and Drainage ground circuit. Install individual electric meters. Repair and replace interior finishes as necessary. Reconfigure barracks rooms and update to 21st building layout. Install energy efficient lighting. Novato Hsg Electrical Upgrades Phase 2 of 4-Base Alameda Barracks - Renovate Barracks. Repairs to Martha's Vineyard Housing Project Description CG TRACEN PETALUMA RENOVATE H-COMPLEX (PHASE II) Project latermation **REHAB LAFAYETTE Bidg Envelope BEQ Water Distribution System** HSG REHAB 1952 LGH Units Housing Unit Renovations Housing Unit Renovations UPH Mid-Life Rehab **UPH Renovations** TRACEN YORKTOWN Benefitting / Tenant **BASE MIAMI BEACH FRACEN Cape May** SECTOR SAN JUAN TRACEN Cape May AirSta Cape Cod Base Honolulu Unit Name **BASE KODIAK** AIR STATION **Base Alameda BASE KODIAK** BORINQUEN Housing 32-M03126 Project Number 5016288 5047494 5040933 3578866 5039736 2556777 4368977 4362765 4315363 5047449 5049421 5040597 Priority CPOP 밁 2 ŝ 11 17 3 m 4 ø 7 œ თ

Enclosure (3)

Page 1 of 1

TOTAL:

### West Chop Light Housing Investigation

## Exhibit (41)

Withheld all 3 pages under FOIA Exemptions 5, 6, & 7(C)

#### **Conference Call – CG Housing on Martha's Vineyard 2 July 2014** (1000 – 1130)

**PURPOSE:** A conference call was developed to ensure all responsible parties were aligned on the housing challenges on Martha's Vineyard. Numerous entities have stake in the process and continued alignment sessions are necessary on status updates.

#### **ATTENDEES:**

(b)(6) & (b)(7)(C), Sector SENE Deputy
(b)(6) & (b)(7)(C), Sector SENE Logistics
(b)(6) & (b)(7)(C), Sta Menemsha
Capt Smith, CO CEU Providence
(b)(6) & (b)(7)(C), CEU Providence Architect
(b)(6) & (b)(7)(C), CEU Providence Technical Director
(b)(6) & (b)(7)(C), Base Boston Housing
(b)(6) & (b)(7)(C), Base Boston Housing
(b)(6) & (b)(7)(C), Joint Base Cape Cod Facilities
(b)(6) & (b)(7)(C), AirSta Cape Cod Housing Manager

#### THREE ISSUES FOR DISCUSSION:

- 1. Immediate need to move incoming BM2 into adequate housing SECTOR/STA
- 2. Future and updated plan to renovate CG housing CEU/HOUSING
- 3. West Chop units (#1 and #2) divestiture CEU/HOUSING

#### 1. Immediate need to move incoming BM2 into adequate housing:

All agreed that the best course of action was to move the incoming BM2 and family into one of the soon to be vacated **CG owned** homes (Painter Way). The main concern is there is a short turnaround time to do work on the house between outgoing XPO and incoming BM2. (b)(6) & (b)(7)(C) (JBCC) took for action and indicated they would enhance the timeline to meet needs of unit and member's family. If turnaround time takes more than one week, the incoming BM2 and family will require temporary quarters or make temporary arrangements w/their families. Option is if necessary some of the work conducted while unit is occupied. [Note: Painter Way house has asbestos (in popcorn ceiling) that is being managed in place; outgoing and incoming occupants are aware].

#### 2. Plans to renovate CG housing:

All seven units (excluding West Chop #1 and #2), will be renovated by the end of next transfer season (2015). To affect a complete plan and successful renovations, an independent evaluation of each unit is being commissioned. Currently, CEU is still conducting some cost negotiations and hopes the independent housing evaluations begins in August/September 2014. Once the housing evaluations are completed, the initial plan is to renovate three vacant homes (33 Bernard Circle, 62 Pontiac Street, 2 Old Schoolhouse Rd). This will enable permanent movement into these homes for AY15 personnel or relocation for members currently under CG leases. This will be developed

between Sector/Station and JBCC Housing in FY15 after updates to project and approved incoming/outgoing PCS slate.

#### **3.** West Chop units (#1 and #2) divestiture:

Opening discussion by (b)(6) & (b)(7)(C) (Area Housing Manager) and (b)(6) & (b)(7)(C) (JBCC) Housing) on the (1) challenges of obtaining leases and availability of inventory/prices on island (2) overall good condition of WC (3) renovation costs. (b)(6) & (b)(7)(C) (CEU Prov) was completely surprised that the West Chop units were not occupied and were being considered for divestiture. (D)(6) & (D)(7)(C) indicated that she led a lead paint removal project of the two WC units in 1993. She proceeded to brief on the technical aspects of the project and how it was performed by using lead encapsulating paint and paint stripping procedures on wood surfaces during the lead paint removal project. (b)(6) & (b)(7)(C) also indicated that if any subsequent lead inspections/studies were to be conducted following the 1993 lead abatement project, the inspector would need to know that information in order to use the proper lead detection techniques and equipment. For more details, please read (b)(6) & (b)(7)(C) emails (2) dated 2 July 2014. All parties agreed that with new information, the timetable to turnaround of the two WC properties would be quicker and the \$800k estimate for renovations would also be significantly less (est. <\$400k for both units). Subsequently, discussions ensued to provide this information up the chain to CG-13 and strongly recommend not to divest the West Chop units and renovate them instead. Additionally, CEU Providence suggested conducting an independent detailed lead paint study, with this new background and 1993 lead paint removal project information provided. [Note: occupant inadequacy triggered by the lead based paint.]

#### **Other conversations:**

- 1. INADEQUATE HOUSING CLASSIFICATION: Another conversation ensued regarding possibility of assigning members into housing deemed "inadequate". Once CG quarters are deemed "inadequate" occupancy is not authorized until repairs have been conducted and inspected by officials. However, families can be assigned to CG Housing with lead paint if children are six years of age or greater and family does not have anyone that is pregnant.
- 2. Sector SENE indicated that any plan involving temporary quarters of Station Menemsha personnel at JBCC is unacceptable. Also, indicated not a "badge of honor" to have the highest leases in the CG. Goal is to reduce leases and the exuberant amount of monies for the leases and utilities combine and occupy CG owned quarters on the island.

#### **Summary / Actions:**

 Incoming BM2 (21 Jul) will be moving into CG owned housing (Painter Way) and JBCC will conduct necessary repairs week of 14 July following XPO departure. (b)(6) & (b)(7)(C) (JBCC) and (b)(6) & (b)(7)(C) (STA Men) are coordinating to workout timeline.

- PHASE I: CEU Providence to conduct an independent evaluation of the seven CG owned housing starting with the three vacant homes (33 Bernard Circle, 62 Pontiac Street, 2 Old Schoolhouse Rd). Renovations of the three will follow. CEU Providence will then turn over homes to JBCC and coordinate efforts w/station made to occupy.
- 3. PHASE II: CEU Providence will then renovate the remaining four houses (not including West Chop #1 and #2). Renovation of seven houses would be completed by the end of transfer season 2015.
- 4. CEU Providence committed to a independent evaluation (detailed lead paint study) of West Chop #1 and #2. This will provide a better estimate to renovation costs and future scope of work.
- 5. All parties agreed that retaining WC 1&2 is preferred; cost efficient and time saving to renovate and establish the needed nine homes on Martha's Vineyard.

#### Pak, Colleen M CAPT

From: Sent: To: Subject: Attachments:

(b)(6) & (b)(7)(C) Friday, March 8, 2019 1:36 PM Pak. Colleen M CAPT FW: MV Housing Conf Call 2Jul2014 sent to D1 Cdr.docx

Captain

Yes It looks like both & I received the minutes

-----Original Message-----From: (b)(6) & (b)(7)(C) < (b)(6) & (b)(7)(C)Sent: Thursday, July 3, 2014 3:53 PM lliam G CAPT < (b)(6) & (b)(7)(C) >; (b)(6) & (b)(7)(C) < (b)(6) & (b)(7)(C) >;(b)(6) & (b)(7)(C) < (b)(6) & (b)(7)(C) To: Smith II, William G CAPT < (b)(6) & (b)(7)(C)(b)(6) & (b)(7)(C) (b)(6) & (C)1 (b)(6) & (C)b (6) & (b) (b) 6) & (b) С 10 (b)(6)& (b)(7)(C) > >;(b)(6) & (b)(7)(C) < (b)(6) & (b)(7)(C) >; (b)(6) & (b)(7)(C) Cc: Kondratowicz, John T CAPT < (b)(6) & (b)(7)(C) < (b)(6) & (b) >

Subject:

Attached are notes from the Martha's Vineyard housing conference call we had yesterday, and that went to RDML Fagan today.

RDML Fagan requested and wanted this information today in short order, otherwise I would have sent out to you for review. If there is anything that is incorrect or should be added, please let me know and I will adjust it for the Admiral.

Thank you again for your time on the very informative and productive call yesterday.

v/r,

#### (b)(6) & (b)(7)(C)

**Deputy Sector Commander** Sector Southeastern New England wk: (b)(6) & (b)(7)(C) cell: (b)(6) & (b)(7)(C

#### Pak, Colleen M CAPT

From: Sent: To: Subject:

5)(6) & (b)(7

(b)(6) & (b)(7)(C) Friday, March 1, 2019 3:12 PM Pak, Colleen M CAPT FW: West Chop Issue Paper (HTML)

From: (b)(6) & (b)(7)(C)Sent: Wednesday, September 3, 2014 3:31 PM (b)(6) & (b)(7)(C) To:(b)(6) & (b)(7)(C) < >:

Subject: FW: West Chop Issue Paper (HTML)

Need to tale about this

please get lease info also touch base with real estate professional irt market conditions

)(6) & (b)(7)(0 please research web housing authorities irt lease availability affordability.

From: (b)(6) & (b)(7)(C) Sent: Wednesday, September 03, 2014 3:08 PM то: (b)(6) & (b)(7)(C) Cc: (b)(6) & (b)(7)(C); (b)(6) & (b)(7)(C) Subject: RE: West Chop Issue Paper (HTML)

(b)(6) & (b)(7)(C); (b)(6) & (b)(7)(C); (b)(6) & (b)(7)(C);

(b)(6) & (b)(7)(C)

(b)(6) & (b)(7)(C)

<u>View</u>	(b)(6) & (b)(7)(C)	1098214	WEST	СНОР	LIGHT	UNIT	1 0	7/07/2010	10/21/2012	G010365
<u>View</u>	(b)(6) & (b)(7)(C)	1040879	WEST	СНОР	LIGHT	UNIT	1 0	6/23/2006	05/26/2010	G010365
<u>View</u>	(b)(6) & (b)(7)(C)	1046069	WEST	СНОР	LIGHT	UNIT	1 0	7/24/2002	06/01/2006	G010365
<u>View</u>	(b)(6) & (b)(7)(C)	1083830	WEST	СНОР	LIGHT	UNIT	1 0	1/27/2000	07/22/2002	G010365
<u>View</u>	(b)(6) & (b)(7)(C)	1044116	WEST	СНОР	LIGHT	UNIT	1 0	4/12/1999	01/11/2000	G010365
<u>View</u>	(b)(6) & (b)(7)(C)	1046420	WEST	СНОР	LIGHT	UNIT	1 0	8/17/1995	03/05/1999	G010365

View (b)(6) & (b)(7)(C)	1133991 V	NEST	СНОР	LIGHT	UNIT 2	07/28/2009	05/04/2012	G010366
View (b)(6) & (b)(7)(C)	1119965 V	NEST	СНОР	LIGHT	UNIT 2	06/17/1996	09/30/1996	G010366
			< >					

Initial Occupancy info. As you can see high occupancy rate in West Chop #, right up to declaration of inadequacy. West Chop #2 info is misleading. There was a period of time when the unit was temp diverted to MWR...this was around the time the staffing at the unit was reduced. I'll need to pull the manual records to document time of diversion. I don't think this time should be counted as vacancy, since it was an approved temp diversion.

Will provide lease cost info and general rental market information separately. I think we should also review recent HMSAs (although several years old) may provide some useful information. Will also check to see if there are any recent HUD, State of Mass Housing and Local Town info incl any Cape Cod Commission studies. Lastly I think it would be useful to query local real estate professionals in the area too irt to their assessment of market conditions.

-----Original Message-----From: (b)(6) & (b)(7)(C) Sent: Wednesday, September 03, 2014 11:03 AM To: (b)(6) & (b)(7)(C) Cc: (b)(6) & (b)(7)(C); (b)(6) & (b)(7)(C) Subject: FW: West Chop Issue Paper

Subject. IN: West chop issue it

Good morning

Request your help with the following info/data needed to develop a Business Case Analysis (BCA) for retaining West Chop housing:

Occupancy rates for the last 10-15 years (more or less data if needed to support BCA?) Lease costs in MV Current BAH rates for MV Current availability/affordability of the lease market on MV

Your assistance is greatly appreciated and any added data/info that you feel will support the BCA, thanks in advance.

V/r

#### (b)(6) & (b)(7)(C)

CEU Providence Planning & Real Property Work: (b)(6) & (b)(7)(C) Cell: (b)(6) & (b)(7)(C)

-----Original Message-----From: (b)(6) & (b)(7)(C) Sent: Wednesday, September 03, 2014 10:44 AM To: (b)(6) & (b)(7)(C); (b)(6) & (b)(7)(C) Cc: (b)(6) & (b)(7)(C); (b)(6) & (b)(7)(C) Subject: RE: West Chop Issue Paper

USCG CEU Providence 475 Kilvert Street Suite 100 Warwick, RI 02886 Telephone: (b)(6) & (b)(7)(C) Fax: (401) 736-1703 Email: (b)(6) & (b)(7)(C)

-----Original Message-----From: (b)(6) & (b)(7)(C) Sent: Wednesday, September 03, 2014 10:38 AM To: (b)(6) & (b)(7)(C) Cc: (b)(6) & (b)(7)(C); (b)(6) & (b)(7)(C) Subject: RE: West Chop Issue Paper

#### (b)(6) & (b)(7)(C)

Senior Field Planner Engineering Services Division USCG Shore Infrastructure Logistics Center (SILC) Detached Duty, USCG CEU Providence 475 Kilvert Street, Suite 100 Warwick, Rhode Island 02886 (b)(6) & (b)(7)(C)

-----Original Message-----From: (b)(6) & (b)(7)(C) Sent: Wednesday, September 03, 2014 10:33 AM To: (b)(6) & (b)(7)(C); (b)(6) & (b)(7)(C); Cc: (b)(6) & (b)(7)(C) Subject: FW: West Chop Issue Paper

Good day,

Request any information (most current) to help develop a Business Case Analysis (BCA) for retain West Chop housing. Any guidance and information will be helpful. And if a boiler plate BCA template has been develop/used by CEUP please forward as well, thank you!

I will need this information as soon as possible....

V/r

#### (b)(6) & (b)(7)(C)

CEU Providence Planning & Real Property Work: (b)(6) & (b)(7)(C) Cell: (b)(6) & (b)(7)(C)

-----Original Message-----From: (b)(6) & (b)(7)(C) Sent: Wednesday, September 03, 2014 7:23 AM To: (b)(6) & (b)(7)(C) Subject: FW: West Chop Issue Paper



How much progress have you made on this?

v/r XO

----Original Message----From: (b)(6) & (b)(7)(C)
Sent: Tuesday, September 02, 2014 4:25 PM
To: Bonner, George G CAPT; Gesele, Wade CAPT
Cc: Lang, John H CAPT; Raney, Stephen CAPT; (b)(6) & (b)(7)(C)
Subject: RE: West Chop Issue Paper

CAPT,

Unfortunately, we are still collecting information and building the business case analysis for review. Two weeks ago, we received a preliminary report on the lead findings for West Chop and our architect provided comments back to the A/E. We are waiting for the A/E to reply. Once we have their final comments, we can better chart a way forward on the site. Although this is one of our top priorities, developing accurate numbers for the BCA is taking time. We want to make sure the BCA is accurate and unbiased so the right CG decision can be made.

Very Respectfully,

Commanding Officer, USCG Civil Engineering Unit Providence P: (b)(6) & (b)(7)(C) C: (b)(6) & (b)(7)(C)

-----Original Message-----From: Bonner, George G CAPT Sent: Tuesday, September 02, 2014 1:42 PM To: (b)(6) & (b)(7)(C) Gesele, Wade CAPT Cc: Lang, John H CAPT; Raney, Stephen CAPT Subject: West Chop Issue Paper

Where do we stand with update to West Chop Housing Issue Paper?

Thanks ggb

CAPT George Bonner, P.E. Commander, USCG Shore Infrastructure Logistic Center (b)(6) & (b)(7)(C) (b)(6) & (b)(7)(C) (cell) (b)(6) & (b)(7)(C)

#### Pak, Colleen M CAPT

From: Sent: To: Subject: Attachments:

(b)(6) & (b)(7)(C) Friday, March 1, 2019 3:08 PM Pak. Colleen M CAPT FW: MV survey data MV Survey Results.xlsx; Martha's Vineyard Housing Survey Report16OCT14.docx

Some comments irt single members

-----Original Message-----From: (b)(6) & (b)(7)Sent: Thursday, October 16, 2014 1:28 PM  $T_{0}(b)(6) \& (b)(7)(C) \le (b)(6) \& (b)(7)(C) > (b)(6) \& (b)(6) \& (b)(7)(C) > (b)(6) \& (b)(6) \& (b)(7)(C) > (b)(6) \& (b)(7)(C) > (b)(6) \& (b)(7)(C) > (b)(7)(C) > (b)(6) \& (b)(7)(C) > (b)(6) \& (b)(6) \& (b)(7)(C) > (b)(7)(C$ >;(b)(6) & (b)(7)(Ć) ⊲(b) (b)(6) & (b)(7)(C)(b)(6) & (b)(7)(C)Cc: < (b)(6) & (b)(7)(C (b)(6) & (b)(7)(C)(b)(6) & (b)(7)(C) < (b)(6) & (b)(7)(C < >;

#### Subject: FW: MV survey data

#### BMCS/

Attached is a summary of all the responses received from the recent Sta Menemsha housing survey. I've also include some of my thoughts. Which include:

1. Need to focus on the housing situation of single members. Although their BAH generally covers housing cost, it appear many are living in less than ideal rental properties.

2. I'm somewhat optimistic, in that more rental listings were identified for the upcoming CY15 BAH rates. This should work to the benefit on MV personnel residing on economy.

3. Housing referral is paramount. One individual mentioned incurring the cost of a house hunting flight from the West Coast to look at a possible rental, only to find the housing was not available upon his arrival.

4. Base Cape cod has instituted new work order/maintenance process.

5. Lastly, comments from respondents confirm the essentiality of all existing govt housing assets.

#### (b)(6) & (b)(7

Area Housing Officer USCG Base Boston 427 Commercial Street Boston, MA 02110 (b)(6) & (b)(7)(C) (Phone) (b)(6) & (b)(7)(C) (Cell) 617 557 9072 (Fax)

How is my service? Please feel free to complete the attached survey. www.uscg.mil/dol/survey

#### Martha's Vineyard Housing Survey Prepared by Area Housing Office Boston MA

#### 16 October 2014

**Background:** In August 2012 a Housing Adequacy Report was issued based on the National Housing Assessment Survey. The findings report listed 20 housing units in District One that were determined to be inadequate for occupancy. Included in these 20 units were four (4) units located on Martha's Vineyard: West Chop, Units 1 and 2, 33 Bernard Circle and 62 Pontiac Street. The inadequacy report was based on findings of lead based paint deterioration, moisture and mildew problems, and deficient wiring and foundation issues. With this declaration of inadequacy it became necessary to relocate some families, obtain government leases and wait for natural attrition in some cases, then declare the unit as no longer eligible for occupancy. Since that time the Boston Area Housing office has acquired four (4) family leases to accommodate members assigned to the Station.

The Station suffered a boat house fire in July 2010 necessitating the use of some of the Unaccompanied Personnel Housing (UPH) spaces to be used as storage for gear. The groundbreaking for the new boat house began in November 2013; however valuable UPH space is still being utilized for storage.

**Survey Process:** On 8 July 2014 a survey was forwarded to Station Menemsha OIC, (b)(6) & (b)(7)(C), for distribution to the 21 members currently assigned to Station Menemsha. The survey was to be completed anonymously, and asked for input in regard to members rank, marital status, number of dependents and current living arrangements, whether in government owned quarters, (family or UPH), government leased quarters, rent on their own, room with another etc. Questions were also directed toward the adequacy of their Basic Allowance for Housing (BAH) as well as the adequacy of the quarters. Members were solicited for any comments or issues they thought would be beneficial as well. 20 completed surveys were returned to the Area Housing office on 8 August 2014.

**Synopsys of survey results:** Respondents to the survey have various living arrangements. As mentioned earlier there are four (4) families currently residing in government leases. In addition, there are four (4) families residing in government owned housing, one (1) member currently lives in the UPH as well as one (1) member who owns their own home. The remainder of the members rent on the economy.

Government Lease	Government	UPH	Own	Rent on the
	Owned			Economy
4	5	1	1	9

The general consensus of members who reside in the government owned housing is the need for more oversight of routine maintenance on the housing units. There is mention of one unit showing exposed asbestos containing material (ACM). Another comment in regard to maintenance of the owned housing units is the lack of response/and or long delays in responding to requests for maintenance via work orders from residents.

Members residing in government leases have complaints about a dryer not working and roadways being poorly maintained. These issues have been addressed. When there are maintenance concerns with lease housing, the CG residents should work directly with the Local Housing Office for resolution.

The question of adequacy of the BAH rate varies. Four (4) members replying it is adequate while 7 others responded it is not adequate. However, one (1) of the members responding that it is not adequate is living in a government lease and one (1) also indicated the BAH is enough to cover their rent, utilities and renter's insurance but not adequate.

Answers to if the members believe their living arrangements are adequate, when residing on the economy, were disquieting. Several members mention small living quarters, small rooms and one mentioned living with six (6) other people. Another mentions that they are currently renting with a roommate, however, the concern lies when the roommate is transferred. The person will be left with the rent and the very real likelihood that they will not be able to afford the rent on their own. Several members made note of the conditions of their living arrangements. There is faulty wiring, water damage, only one egress and lack of smoke detectors.

Several members mentioned the lack of available year round rentals.

#### **Action Items:**

There are several measures that will be taken to address the member's concerns.

Base Cape Cod has changed the process/procedures for processing housing maintenance issues for Martha's Vineyard. The plan is to have all work order requests and general maintenance come through the housing maintenance supervisor, who will in turn assign maintenance personnel to perform the work. The issue of visible ACM will be addressed by the Local housing Officer in conjunction with the Facilities Engineer.

Another item to address is the status of the UPH. Some of the UPH rooms are off line as a result of the boat house fire a number of years ago. Some of these rooms are being used for storage as a result of the fire. Once the boathouse project is completed the station should have additional rooms that can be made available for permanent party unaccompanied personnel. This may help alleviate members living in substandard, and oftentimes, unsafe apartments/houses. This is a significant issue, based on responses it appears that many single members have secured leases on the local economy that fail to meet basic adequacy standards.

The housing referral program should be strengthened during the upcoming assignment season. Although the CG/DoD AHRN referral contract was recently terminated, we do have some new referral tools coming on line, and should use them to the maximum extent possible. There are historically a very limited number of adequate, available year round rentals in this market. However, once they are identified it will be necessary to work closely with the real estate professionals on island to make listings available to our incoming members.

Adequacy of BAH on MV is still problematic. The BAH rate establishment process is dependent on locating multiple data points (rental listings) for each of the housing profiles. Unfortunately the nature of the MV rental market is so limited that we often unsuccessful in locating rental properties. On a positive note, I do believe we were able to provide more data than in previous years and the new DoD BAH contractor was very accommodating in working with the CG. This included both offering an early start to data gathering, as well as granting an extension to the normal end date for survey.

On a positive note the need to secure government leasing on MV, has increased our visibility with local landlords and real estate agents in the area. We should continue these efforts and contacts in the coming assignment season.

This survey also validates the continued need for government owned (both UPH and housing) on Martha's Vineyard. Completion of the planned project to renovate seven homes as well as return of the two West Chop homes to active housing status is critical for our ability to address long term housing needs of CG members assigned to Station Menemsha.



#### AFC-43 Project/Real Property Update Coast Guard Housing – Martha's Vineyard, MA



Background: The Coast Guard owns nine homes on Martha's Vineyard. Four homes were declared "inadequate" in August 2012 based on findings from the National Housing Assessment and recommendations from a multidiscipline tiger team. In follow up to these findings, Project Number 5016288 was created and approved for FY14 AFC-43 C-POP funding to renovate and repair the nine homes. The project included an estimate of \$720K to renovate West Chop Quarters 1 and 2. Since the guarters are more than 120 years old and were perceived to be in need of significant repairs, CG-133 in a memo dated 30 April 2013 requested deferral of the West Chop repairs "until a review of all options, including leasing of additional homes in Martha's Vineyard, is complete". The renovation and repair project then proceeded for the seven remaining homes as Project Number 5201254, but due to an architect termination at CEU Providence the project has slipped to FY15.

**Discussion:** Recently a decision memo dated 05 May 2014 recommended adding the two "inadequate" West Chop homes to the CG's Five-Year Shore Divestiture Plan for potential transfer under the NHLPA and acquiring two new homes using the CG direct purchase authority. This memo, the delay in the repair project, and high cost of living on Martha's Vineyard forced a review of CG-122's (now CG-133) previous recommendations. At this point the CG is spending over \$13K per month to lease four homes on Martha's Vineyard; one lease is believed to be the most expensive residential lease the CG has in its nationwide portfolio at over \$4K per month. Additional discussions and research identified the completion of Project Number 43-0050 to partially remediate the lead at the West Chop Quarters in 1993. The method of remediation for this project was encapsulation. Several wall and trim sections not addressed as part of the project are now in a deteriorated condition. The environmental work needed is a combination of maintenance of the already encapsulated interior areas and new encapsulation of the interior areas where paint is largely failing. Both West Chop units also have areas of deteriorating and cracked plaster work.

#### **Current Status:**

- CEU Providence awarded an AE Design Task Order on 11 July 2014 for the design to renovate and repair the seven homes on Martha's Vineyard.
- There will be a modification to the Task Order to include the appropriate lead testing of West Chop • Quarters 1 and 2.

#### **Recommendations and Way Forward:**

Based on the lead testing results and overall condition of the housing units, CEU Providence will work with the Product Line and Regional Units to provide a recommendation on how to proceed with West Chop Quarters 1 and 2.





Figure 1: West Chop, Quarters 1

Figure 2: West Chop, Quarters 2
# Figure 3: West Chop Interior Finishes



**Basement Stairwell** 



**Baseboard Trim** 



Attic Crawlspace



**Kitchen Ceiling** 



# Business Case Analysis Coast Guard Housing – Martha's Vineyard, MA West Chop Housing Units 1 & 2

The Executive Summary: The Coast Guard owns nine homes on Martha's Vineyard. Four homes were declared "inadequate" in August 2012 based on findings from the National Housing Assessment and recommendations from a multi-discipline tiger team. In follow up to these findings, Project Number 5016288 was created and approved for FY14 AFC-43 C-POP funding to renovate and repair the nine homes. The project included an estimate of \$720K to renovate West Chop Housing Units 1 and 2. Since the quarters are more than 120 years old and were perceived to be in need of significant repairs including Lead Based Paint (LBP) remediation, CG-1333 in a memo dated 30 April 2013 requested deferral of the West Chop repairs "until a review of all options, including leasing of additional homes in Martha's Vineyard, was complete". Due to the deferral of repairs and the immediate operational need to provide critical housing to our personnel on Martha's Vineyard, five homes were leased on the economy. On average, each lease is costing the Coast Guard \$41K annually, which is presumably high compared to lease costs typically supported on the main land of MA. This Business Case Analysis (BCA) was developed to compare the costs of continuing to lease two homes, repair both units at West Chop, or buy two homes (used, but in excellent condition). The BCA recommends the Coast Guard move forward with repairing both housing units at West Chop, and returning them to the inventory for a period of 25 years or until another suitable, more economical solution is identified.

The Problem Statement: The CG is spending over \$90K per year on the two most expensive leases on Martha's Vineyard. Locating affordable housing in the community is extremely difficult due to availability of yearly rentals and a housing market that far exceeds military BAH. The lack of available, accessible, and affordable leased housing for CG active duty members and the Area Housing Authority on Martha's Vineyard was confirmed by the Martha's Vineyard Land Bank Commission, the U.S. Census Bureau, CG Housing Market Study Analysis, local housing survey, local real estate agencies, and local media. In accordance with the U.S. Census Bureau only 21percent of the housing market are rentals. The majority of the 21 percent are seasonal rentals with inflated weekly rates. This reality has led the First District and the AREA Housing Office to request assistance from CEU Providence to identify better alternatives. The one clear alternative was to revisit the work needed to restore both housing units at West Chop.

# Analysis of the Situation:

The local housing survey conducted at Station Menemsha (Coast Guard Station on Martha's Vineyard) by the D1 Housing Officer indicates that most if not all of the members "on the economy" are living in sub-standard housing. There appears to be a shortage of year-round housing , which if found, costs in excess of \$2000 per month without utilities (this does not include the high cost of living in addition to housing and utilities). Furthermore, a recent survey completed by 86 percent of the active duty members indicated that the only available housing they could afford included one entry/egress, no smoke detectors, limited square footage, exorbitant utility costs during the winter season, and a kitchenette at best. The availability of affordable and suitable year-round housing rentals for accompanied and unaccompanied active duty members is scarce, especially during the summer transfer season. Unfortunately, this BCA does not identify a solution for all of these issues, but it does reveal that leasing and renting homes on Martha's Vineyard is not a practical solution for the Coast Guard or its

personnel. A more detailed analysis and discussion must occur to resolve the problems discussed above.

This BCA focused on three possible alternatives: Status Quo (continuing to lease); Restore West Chop Units 1 & 2; Buying two available homes in excellent condition. While researching option 2, which is to restore the West Chop housing units, we identified Project Number 43-01-P0050 that partially remediated the LBP at West Chop in 1994. When the original housing assessment was conducted a few years ago, this project was not incorporated into the assessment. To complicate matters, the nondestructive testing method used during the assessment involved the use of an X-Ray machine that is known to register hot spots even though the area has been properly encapsulated and poses negligible risk. With that said, the assessment report remains accurate in that the housing units still require LBP remediation and repair, but the extent of that remediation is not as copious as originally reported. The 1994 project remediated a large portion of LBP in the units by use of encapsulation. The project also included window replacements and interior/exterior painting. Several wall and trim sections were not addressed as part of the project and are now in a deteriorated condition which has been accurately reflected in the assessment. The environmental work needed is a combination of maintenance of the already encapsulated interior and areas originally omitted by the 1994 contract.

# Solution Options:

- Option 1 Lease housing on Martha's Vineyard to fill the gap at approximately \$4000.00/unit per month including utilities (based on market research on Martha's Vineyard).
- Option 2 Develop a LBP remediation project for West Chop housing units based on the LBP testing completed on July 31, 2014 at an estimated cost of \$350,000.
- Option 3 Buy two newer, "move-in-ready" homes on Martha's Vineyard that meet housing standards and provide suitable homes for active duty members and their families.

# **Cost-Benefit Analysis: (Figure 1.)**

Option 1 – Status Quo: The annual lease cost for two 3-bedroom/ 2-bath single-family homes on Martha's Vineyard is approximately \$91K annually (used the two highest lease costs), including utilities and a one percent (1%) recurring annual inflation. Given a projected life cycle of 25 years the total cost is \$2.6M.

Option 2 – The estimated cost to remediate LBP within both West Chop units, in accordance with HUD and MA standards, is \$350K. This does not include the recurring maintenance costs associated with operating the units and a 3 percent (3%) annual inflation. In total, the projected life cycle cost given a 25 year term is \$1.4M.

Recurring Cost Item	2% of PRV	PRV (per unit)	Annual Cost	Total Annual Cost
p. 040 HP (0.5.3)	A contract of the		(per year)	(2 Units)
AFC-30	0.02	\$424,110.00	\$8,482	\$16,964

**Note:** Operating Expense (OE) costs were calculated in accordance with the CG Civil Engineering Manual COMDTINST M11000.11B.

Option 3 – Based on an estimated cost of \$600K for a 3-bedroom/2-bath home with at least 1600 square feet, including recurring maintenance cost and three percent (3%) annual inflation. The total 25 year life cycle cost is \$2.2M. An example of a suitable home available "for sale" on Martha's Vineyard is provided in enclosure (2).

# Recommendations:

Based on the results of the three options considered, option 2 saves the CG over \$1.1M for a 25 year period. The estimated payback period is six (6) years for the repair, remediation, and operation of West Chop units 1 and 2. In addition, the CG retains the value of the land, proximity to the Station, and the flexibility needed with owning the house. The BCA reveals that leasing on Martha's Vineyard is <u>NOT</u> the best recommendation and is the least preferred option. If option 3 is feasible, recommend additional research to determine if this is the best solution vice repairing any of the other owned homes deemed "inadequate."



Figure 1 - Comparison Chart of Annual Costs to Lease, Repair or Buy (including OE).

# the second s





26 Sea Glen Rd Oak Bluffs, MA02557 \$539,000 3 Bed 3 Full Bath 1.630 Sq FL 0.48 Acres



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larman	F
oker/Owner REALTOR®,	+
5) 293-2183	1







Seaside-inspired cottage with stylish studiol Located on a lightly traveled lane and surrounded by gardens interspersed with brick and crushed shell pathways, this magical cottage is absolutely enchanting inside and out. The home has been renovated from top to bottom with an artistic eye and fine attantion to detail. The first floor is comprised of an open-designed living area with handsome bamboo floors and a gas fireplace, and the gourmet kitchen features granite countertops, beautiful tile and stainless, Bosch® appliances. French doors open from the Dining Area Into a bright sunroom with more French doors and floor to celling windows. A well-designed breezeway connects the cozy Den to a new and stylish two-story studiofort space with full bath, it's all move-in perfect and most of the furnishings are available for turnkey purchase.

#### General Information

Ochiciai un	onnation		2212	
Beds	3 Bed		Baths	3 Full Bath
House Size	1,630 Sq Ft		Lot Size	0.48 Acres
Price	\$539,000		Price/sqft	\$331
Property Type	Single Family Home	•	Year Built	1985 - See Improvements
			Style	Саре
Bedrooms				
Bedrooms; 3	3	Bedroom #2: Level	Second Floor	Master Bedroom; Level; Second Floor
Bathrooms		÷ 1 = -		
Full Bathroo	ms: 3			
Kitchen an	d Dining			
<ul> <li>Kitchen Fea Countertops Wood Floor</li> </ul>	tures: Granite , Upgraded Cabinets,	Dining Room: Leve     Kitchen/Dining Con	il: First Floor nbo: Yes	Kitchen: Level: First Floor
Other roon	ns			
Basement D	escription: Other -	Separate Living Qu	arters: Yes	· Basement: Yes
Out Lenuelle	o, raivei	<ul> <li>Separate Living Qu Description: Attach</li> </ul>	arters ed	

http://www.realto Bluffs_MA_0255	r.com/reales 7_M47659-5	lates 1914				
Homes Near 26 Sea Glen	Rd	6				
Address	Statu	s				Sq Fi
58 Howard St	For S	ale	Sec. Sec.	- 10		1,375
26 Sunnyside Rd	Rece	ntly				1,530
191 Weaver Ln	For 9	ale	\$799,000	3	2	2,323
3 Little Pond Rd	For S	ale	\$779,000	4	3	2,495
33 Old Oklahoma Rd	For 9	ale	\$750,000	2	2	1,396
4 Beech Tree Lndg	For S	ale	\$729,000	4	4 3	2,697 2,620
11 Beech Tree Landing Rd	For S	ale	\$685,000	4	2	
488 Edgadown Rd	Rece	ntly Sold	\$610,000	3	2	1,874
4 Little Pond Rd	For S	ale	\$599,000	4	2	1,512
4 Little Pond Rd	For S	ale	\$599,000	4	2	1,512
41 Hay Path	For S	ale	\$595,000	-	-	
104 Clover Hill Dr	For S	iale	\$579,000	3	3	2,464
Assigned Public Schools						
26 Sea Glen Rd Is assigned to the fo	lowing pu	blic schoo	ols:	1		
School Name	Distance	Grades	Student/Teacher Ratio		GreatSe Rati	thools ng"
Oak Bluffs Elementary School Oak Bluffs School District	4.6 mi	РК	9.1		8	
Marthas Vineyard Regional High School Marthas Vineyard School Distuct	2.0 mi	9	9:1		G	)
Nearby Schools						
Public Elementary Schools Public N	liadle School	s F	ublic High Schools		Private Sci	ncols
School Name	Distance	Grades	Student/Teacher Ratio	Gre	atSchools	Rating*
Tisbury Elementary School	2.4 mi	PK	9;1		9	

Tisbury Elementary School	2.4 mi	PK	9:1	9
Martha's Vineyard Charter School	4.6 mi	к	9;1	0
West Tisbury Elementary School	5.2 mi	PK	8:1	0

School data provided by National Canter for Education Statistics. Mapping and GreatSchools Intertided for reference only GreatSchools Ratings compare a school's test performance to statewide results. To verify enrollment eligibility contact the school or district directly.

#### Neighborhood Information

No neighborhood information is available for this property

Property H	listory				
Date	Event	Price	Price/Sq Ft	Change	Source
08/31/2014	Listed	\$539,000	\$331	_	MLS #21408528

# Property Taxes Tax data from local public records

No property tax history available for this property

The Property Price and Tax history data displayed is obtained from public records and/or MLS feeds from the local jurisdiction in which the applicable property is located. As reallor comit cannot guarantee that all public records and MLS data is accurate and error-free, it is important that you contact your REALTOR\* directly in order to obtain the most up-to-date information available.

#### Home Improvements & Renovations

Review home improvement history	Compare to nearby homes	
<ul> <li>Check for renovations and improvements</li> <li>See total spent on improvements</li> </ul>	See neighborhood projects     Preview local professionals	
Get Renovation Report »	Get Neighborhood Trends »	

Formatted for easy printing so you can take this with you. Remember to say you found it on realtor.com9.

This information has been secured from sources we believe to be reliable, but we make no representations or warranties, expressed or implied, as to the accuracy of the information. You must verify the information and bear ell risk for inaccuracies. U.S. Department of Homeland Security

United States Coast Guard



Commanding Officer United States Coast Guard Civil Engineering Unit Providence

475 Kilvert Street
Warwick. <u>RI 02886-130</u> 3
Phone
Fax: (401) 736-1703
Email:

11010 17 Oct 2014

Reply to Attn of:

**MEMORANDUM** 

From: CG CEU Providence

To: COMDT (CG-1333)

Thru: CG CEU Oakland CG SILC COMDT (CG-43)

Subj: WEST CHOP HOUSING REACTIVATION REQUEST

- Ref: (a) Coast Guard Housing Manual, COMDTINST M11101.13 (series)
  - (b) CG-43 memo 11000 of 05 May 2014
  - (c) CG-13 memo 11101 of 24 Aug 2012

1. Request approval to restore West Chop housing units to an "adequacy standards" in accordance with reference (a) and return them to the housing inventory until a more suitable and economical solution can be identified on Martha's Vineyard.

2. In coordination with the First Coast Guard District and the AREA Housing Office, CEU Providence completed a Business Case Analysis (BCA) to justify the need to repair the two West Chop housing units in lieu of divestiture, due to excessive lease costs and lack of available leased housing on the island. Restoring the two West Chop housing units also provides more flexibility to the First Coast Guard District and Housing Management Office to best manage family needs and resolve the serious habitability issues recently identified among its single active duty members.

3. In 1994, a project was completed by CEU Providence to remediate some of the worst lead hazards within both housing units, thus reducing the overall risk and the amount of work required to activate the units. A new Lead Based Paint (LBP) Inspection & Risk Assessment report completed on July 31, 2014 revealed that the cost to remediate the remaining LBP and restore the units to "habitability standards" in accordance with Housing Urban Development (HUD) Lead-Safe (Interim Controls) and Massachusetts Abatement Standards is approximately \$350K. As discussed in the BCA the payback period for the repair and operation of the West Chop housing units as opposed to leasing two homes on the economy is six years. As of now, an average lease is costing the Coast Guard \$41K annually.

4. Thank you for time and consideration of this request. For additional questions, please contact

#

Enclosure: (1) Business Case Analysis for West Chop Housing on Martha's Vineyard (2) Example of home for Sale on Martha's Vineyard

Copy: CGD ONE (dcs)

CEUO/MRPL 11010 21 October 2014

FIRST ENDORSEMENT on CG CEU Providence memo 11010 of 17 Oct 2014

GESELE.	Digitally signed by GESELE THOMAS. W.1103090870 DN: c=US, o=U.S. Government, ou=DoD, ou=PKI, ou=USCG, cn=GESELE THOMAS.W.1103090870 Date: 2014.10.21 15:15:31 -07:00	
THOMAS.		
W.1103090870		
T. W. GES	ELE, CAPT	

CG CEU Oakland

From:

To: COMDT (CG-1333)

Thru CG SILC COMDT (CG-43)

Subj: WEST CHOP HOUSING REACTIVATION REQUEST

1. Forwarded recommending renovation and subsequent reactivation of West Chop Light housing units 1 and 2. Based on the reevaluation of repair costs and the pressing need identified by District One, the reintroduction of the units is the most economical way forward to improve local housing availability at this time.

2. The 2011 HMSA and National Housing Study data collected for Martha's Vineyard identified a shortage of adequate rental properties and inadequacies within current CG-owned housing. I recommend a concurrent effort to pursue planning for an AC&I project to remedy functional inadequacies within the Martha's Vineyard housing inventory. The planning effort should evaluate all current owned housing, availability of local homes, and land on which new housing could be constructed.

3. My asset line point of contact for this effort is **an experimentation**. We are available to assist with questions concerning configuration as this project progresses through planning and design.

#

Copy: CG CEU Providence CGD ONE (dcs)

CEUO/MRPL 11010 21 October 2014

FIRST ENDORSEMENT on CG CEU Providence memo 11010 of 17 Oct 2014

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From: T. W. GESELE, CAPT CG CEU Oakland

To: COMDT (CG-1333)

Thru CG SILC SOMMERFREDERICKJ.1179643185

Subj: WEST CHOP HOUSING REACTIVATION REQUEST

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3. My asset line point of contact for this effort is the project progresses through planning and design.

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Copy: CG CEU Providence CGD ONE (dcs)

U.S. Dep Homelar United Coast C	artment of nd Security States Guard	Commandant United States Coast Guard	2703 Martin Luther King, Jr, Ave, SE Washington, DC 20593-7714 Staff Symbols CG-43 Phone: (202) 475-5591 Fax, (202) 372-8408	
			11010 04 Feb 2015	
MEN	IORANDUM	ILSBEJAMESK(196440)714 mment_ou=Dob,ou=PM,ou=USCG, 196440714		
From:	J. K. Ingalsbe, CAPT CG-43	Reply to Attn of:	CG-437	
To:	CG-1333			
Subj:	WEST CHOP HOUSING RE	EACTIVATION		
Ref:	<ul> <li>(a) CG CEU Providence memo 11010 of 17 Oct 2014</li> <li>(b) CG CEU Oakland endorsement 11010 of 21 Oct 2014</li> <li>(c) CG SILC endorsement 11010 of 21 Oct 20141</li> </ul>			

1. Based on the updated cost information and analysis provided under reference (a), I support and recommend approval of the subject request to renovate and reactivate West Chop Light housing units one and two.

2. Based on a review of reference (a) and the endorsements provided in references (b) and (c), recommend the units be retained and reactivated once the project is completed under the AFC-43 project prioritization process.

#

Copy: CG SILC CEU Oakland CG CEU Providence CGD ONE (dcs)

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To: CG CEU Providence

Subj: WEST CHOP HOUSING REACTIVATION REQUEST

Ref: (a) COMDT (CG-43) memo 11010 of 4 Feb 15

1. Your request to renovate and reactivate West Chop Light houses 1 and 2 is approved.

2. In accordance with reference (a), the renovation project for these houses will be completed under the AFC-43 project prioritization process. Based on the limited availability of adequate affordable rental housing on Martha's Vineyard, the Housing Program considers this project a high priority and we have requested it be completed and available for occupancy in time for assignment year 2016.

#

Copy: CG-43 CG SILC CG CEU Oakland CG ONE (dcs) CG Base Boston CG PSC PSD-fs Norfolk

U.S. Department of Homeland Security

United States Coast Guard

Commandant United States Coast Guard 2703 Martin Luther King, Jr, Ave, SE Washington, DC 20593-7714 Staff Symbol: CC-43 Phone: (D)(G) & (D)(7)(C) Fax: (202) 372-8408

11010 04 Feb 2015



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Reply to CG-437 Attn of: (b)(6) & (b)(7)(C)

To: CG-1333

Subj: WEST CHOP HOUSING REACTIVATION

Ref: (a) CG CEU Providence memo 11010 of 17 Oct 2014
(b) CG CEU Oakland endorsement 11010 of 21 Oct 2014
(c) CG SILC endorsement 11010 of 21 Oct 20141

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2. Based on a review of reference (a) and the endorsements provided in references (b) and (c), recommend the units be retained and reactivated once the project is completed under the AFC-43 project prioritization process.

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Copy: CG SILC CEU Oakland CG CEU Providence CGD ONE (dcs)

CEUO/MRPL 11010 21 October 2014

FIRST ENDORSEMENT on CG CEU Providence memo 11010 of 17 Oct 2014

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T. W. GES	SELE, CAPT

From: T. W. GESELE, CAPT CG CEU Oakland

To: COMDT (CG-1333)

Thru CG SILC SOMMER FREDERICK J1179643185

Subj: WEST CHOP HOUSING REACTIVATION REQUEST

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3. My asset line point of contact for this effort is (b)(6) & (b)(7)(C). We are available to assist with questions concerning configuration as this project progresses through planning and design.

#

Copy: CG CEU Providence CGD ONE (dcs)

U.S. Department of Homeland Security

United States Coast Guard



Commanding Officer United States Coast Guard Civil Engineering Unit Providence 475 Kilvert Street Warwick, RI 02886-1303 Phone: (401) 736-1723 Fax: (401) 736-1703 Email: (b)(6) & (b)(7)(C)

11010 17 Oct 2014



To: COMDT (CG-1333)

Thru: CG CEU Oakland CG SILC COMDT (CG-43)

Reply to Attn of:	(b)(6) &	(b)(7
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Subj: WEST CHOP HOUSING REACTIVATION REQUEST

- Ref: (a) Coast Guard Housing Manual, COMDTINST M11101.13 (series)
  - (b) CG-43 memo 11000 of 05 May 2014
  - (c) CG-13 memo 11101 of 24 Aug 2012

1. Request approval to restore West Chop housing units to an "adequacy standards" in accordance with reference (a) and return them to the housing inventory until a more suitable and economical solution can be identified on Martha's Vineyard.

2. In coordination with the First Coast Guard District and the AREA Housing Office, CEU Providence completed a Business Case Analysis (BCA) to justify the need to repair the two West Chop housing units in lieu of divestiture, due to excessive lease costs and lack of available leased housing on the island. Restoring the two West Chop housing units also provides more flexibility to the First Coast Guard District and Housing Management Office to best manage family needs and resolve the serious habitability issues recently identified among its single active duty members.

3. In 1994, a project was completed by CEU Providence to remediate some of the worst lead hazards within both housing units, thus reducing the overall risk and the amount of work required to activate the units. A new Lead Based Paint (LBP) Inspection & Risk Assessment report completed on July 31, 2014 revealed that the cost to remediate the remaining LBP and restore the units to "habitability standards" in accordance with Housing Urban Development (HUD) Lead-Safe (Interim Controls) and Massachusetts Abatement Standards is approximately \$350K. As discussed in the BCA the payback period for the repair and operation of the West Chop housing units as opposed to leasing two homes on the economy is six years. As of now, an average lease is costing the Coast Guard \$41K annually.

4. Thank you for time and consideration of this request. For additional questions, please contact (b)(6) & (b)(7)(C) at (b)(6) & (b)(7)(C).

#

Enclosure: (1) Business Case Analysis for West Chop Housing on Martha's Vineyard (2) Example of home for Sale on Martha's Vineyard

Copy: CGD ONE (dcs)



# Business Case Analysis Coast Guard Housing – Martha's Vineyard, MA West Chop Housing Units 1 & 2

The Executive Summary: The Coast Guard owns nine homes on Martha's Vineyard. Four homes were declared "inadequate" in August 2012 based on findings from the National Housing Assessment and recommendations from a multi-discipline tiger team. In follow up to these findings, Project Number 5016288 was created and approved for FY14 AFC-43 C-POP funding to renovate and repair the nine homes. The project included an estimate of \$720K to renovate West Chop Housing Units 1 and 2. Since the quarters are more than 120 years old and were perceived to be in need of significant repairs including Lead Based Paint (LBP) remediation, CG-1333 in a memo dated 30 April 2013 requested deferral of the West Chop repairs "until a review of all options, including leasing of additional homes in Martha's Vineyard, was complete". Due to the deferral of repairs and the immediate operational need to provide critical housing to our personnel on Martha's Vineyard, five homes were leased on the economy. On average, each lease is costing the Coast Guard \$41K annually, which is presumably high compared to lease costs typically supported on the main land of MA. This Business Case Analysis (BCA) was developed to compare the costs of continuing to lease two homes, repair both units at West Chop, or buy two homes (used, but in excellent condition). The BCA recommends the Coast Guard move forward with repairing both housing units at West Chop, and returning them to the inventory for a period of 25 years or until another suitable, more economical solution is identified.

The Problem Statement: The CG is spending over \$90K per year on the two most expensive leases on Martha's Vineyard. Locating affordable housing in the community is extremely difficult due to availability of yearly rentals and a housing market that far exceeds military BAH. The lack of available, accessible, and affordable leased housing for CG active duty members and the Area Housing Authority on Martha's Vineyard was confirmed by the Martha's Vineyard Land Bank Commission, the U.S. Census Bureau, CG Housing Market Study Analysis, local housing survey, local real estate agencies, and local media. In accordance with the U.S. Census Bureau only 21percent of the housing market are rentals. The majority of the 21 percent are seasonal rentals with inflated weekly rates. This reality has led the First District and the AREA Housing Office to request assistance from CEU Providence to identify better alternatives. The one clear alternative was to revisit the work needed to restore both housing units at West Chop.

# Analysis of the Situation:

The local housing survey conducted at Station Menemsha (Coast Guard Station on Martha's Vineyard) by the D1 Housing Officer indicates that most if not all of the members "on the economy" are living in sub-standard housing. There appears to be a shortage of year-round housing , which if found, costs in excess of \$2000 per month without utilities (this does not include the high cost of living in addition to housing and utilities). Furthermore, a recent survey completed by 86 percent of the active duty members indicated that the only available housing they could afford included one entry/egress, no smoke detectors, limited square footage, exorbitant utility costs during the winter season, and a kitchenette at best. The availability of affordable and suitable year-round housing rentals for accompanied and unaccompanied active duty members is scarce, especially during the summer transfer season. Unfortunately, this BCA does not identify a solution for all of these issues, but it does reveal that leasing and renting homes on Martha's Vineyard is not a practical solution for the Coast Guard or its

personnel. A more detailed analysis and discussion must occur to resolve the problems discussed above.

This BCA focused on three possible alternatives: Status Quo (continuing to lease); Restore West Chop Units 1 & 2; Buying two available homes in excellent condition. While researching option 2, which is to restore the West Chop housing units, we identified Project Number 43-01-P0050 that partially remediated the LBP at West Chop in 1994. When the original housing assessment was conducted a few years ago, this project was not incorporated into the assessment. To complicate matters, the nondestructive testing method used during the assessment involved the use of an X-Ray machine that is known to register hot spots even though the area has been properly encapsulated and poses negligible risk. With that said, the assessment report remains accurate in that the housing units still require LBP remediation and repair, but the extent of that remediation is not as copious as originally reported. The 1994 project remediated a large portion of LBP in the units by use of encapsulation. The project also included window replacements and interior/exterior painting. Several wall and trim sections were not addressed as part of the project and are now in a deteriorated condition which has been accurately reflected in the assessment. The environmental work needed is a combination of maintenance of the already encapsulated interior and areas originally omitted by the 1994 contract.

# Solution Options:

- Option 1 Lease housing on Martha's Vineyard to fill the gap at approximately \$4000.00/unit per month including utilities (based on market research on Martha's Vineyard).
- Option 2 Develop a LBP remediation project for West Chop housing units based on the LBP testing completed on July 31, 2014 at an estimated cost of \$350,000.
- Option 3 Buy two newer, "move-in-ready" homes on Martha's Vineyard that meet housing standards and provide suitable homes for active duty members and their families.

# Cost-Benefit Analysis: (Figure 1.)

Option 1 – Status Quo: The annual lease cost for two 3-bedroom/ 2-bath single-family homes on Martha's Vineyard is approximately \$91K annually (used the two highest lease costs), including utilities and a one percent (1%) recurring annual inflation. Given a projected life cycle of 25 years the total cost is \$2.6M.

Option 2 – The estimated cost to remediate LBP within both West Chop units, in accordance with HUD and MA standards, is \$350K. This does not include the recurring maintenance costs associated with operating the units and a 3 percent (3%) annual inflation. In total, the projected life cycle cost given a 25 year term is \$1.4M.

Recurring Cost Item	2% of PRV	PRV (per unit)	Annual Cost	Total Annual Cost
POLICE REPORT	A second second	offeringen, in the	(per year)	(2 Units)
AFC-30	0.02	\$424,110.00	\$8,482	\$16,964

**Note**: Operating Expense (OE) costs were calculated in accordance with the CG Civil Engineering Manual COMDTINST M11000.11B.

Option 3 – Based on an estimated cost of \$600K for a 3-bedroom/2-bath home with at least 1600 square feet, including recurring maintenance cost and three percent (3%) annual inflation. The total 25 year life cycle cost is \$2.2M. An example of a suitable home available "for sale" on Martha's Vineyard is provided in enclosure (2).

# Recommendations:

Based on the results of the three options considered, option 2 saves the CG over \$1.1M for a 25 year period. The estimated payback period is six (6) years for the repair, remediation, and operation of West Chop units 1 and 2. In addition, the CG retains the value of the land, proximity to the Station, and the flexibility needed with owning the house. The BCA reveals that leasing on Martha's Vineyard is <u>NOT</u> the best recommendation and is the least preferred option. If option 3 is feasible, recommend additional research to determine if this is the best solution vice repairing any of the other owned homes deemed "inadequate."



Figure 1 – Comparison Chart of Annual Costs to Lease, Repair or Buy (including OE).







26 Sea Glen Rd Oak Bluffs, MA02557 \$539,000 3 Bed 3 Full Bath 1,630 Sq FL 0.48 Acres



Wendy Harman Principal Broker/Owner REALTOR® GRI Phone: (855) 293-2183







Seaside-inspired cottage with stylish studiol Located on a lightly traveled lane and surrounded by gardens interspersed with brick and crushed shell pathways, this magical cottage is absolutely enchanting inside and out. The home has been renovated from top to bottom with an artistic aya and fine attantion to detail. The first floor is comprised of an open-designed living area with handsome bamboo floors and a gas fireplace, and the gournet kitchen features grante countertopa, beautiful tile and stainless, Bosch® appliances. French doors open from the Dining Area into a bright sunroom with more French doors and floor to ceiling windows. A well-designed breezeway connects the cozy Den to a new and stylish two-story studio/loft space with full bath. It's all move-in perfect and most of the furnishings are available for turnkey purchase.

#### **General Information** 3 Bed Beds Baths 3 Full Bath House Size 1,630 Sq Ft Lot Size 0.48 Acres Price \$539,000 Price/sqft \$331 Single Family Home 1985 - See Improvements Property Type Year Built Cape Style Bedrooms · Bedrooms: 3 Bedroom #2; Level; Second Floor · Master Bedroom; Level; Second Floor Bathrooms · Full Bethrooms: 3 Kitchen and Dining Kitchen Festures: Granite Countertops, Upgraded Cabinets, Wood Floor Kitchen/Dining Combo: Yes · Dining Room: Level; First Floor Kitchen: Level: First Floor Other rooms Basement Description: Other -See Remarks, Panial · Separate Living Quarters; Yes · Basement; Yes Separate Living Quarters Description: Attached

Homes Near 26 Sea G	len Rd	State State	- 60		1
Address	Status		1		Sq
58 Howard St	For Sale	and the second			1,37
26 Sunnyside Rd	Recently				1,53
191 Weaver Ln	For Sale	\$799,000	3	2	2,32
3 Little Pond Rd	For Sale	\$779,000	4	3	2,49
33 Old Okishoma Rd	For Sale	\$750,000	2	2	1,39
4 Beech Tree Lndg	For Sale	\$729,000	4	3	2,69
11 Beech Tree Landing Rd	For Sale	\$685,000	4	2	2,62
488 Edgadown Rd	Recently Sold	\$610,000	3	2	1,67
4 Little Pond Rd	For Sale	\$599,000	4	2	1,51
4 Little Pond Rd	For Sale	\$599,000	4	2	1,51
41 Hay Path	For Sale	\$595,000	-		-
104 Clover Hill Dr	For Sale	\$579,000	3	3	2,48
Assigned Public Schoo	ols				

Marthas Vineyard Regional High School	2.0 mi	9	9:1	0
Oak Bluffs Elementary School Oak Bluffs School District	4.6 mi	РК	9:1	0
			Ratio	Rating*

### Nearby Schools

f

e	blic Elementary Schools Pub	h <b>c</b> Middle Scho	cls	Public High Schools	Pavate Schools	
	School Name	Distance	Grades	Student/Teacher Ratio	GreatSchools Rating*	
	Tisbury Elementary School	2.4 mi	РК	9:1	9	
	Martha's Vineyard Charter School	ol 4.6 mi	к	9;1	0	
	West Tisbury Elementary School	5.2 mi	PK	8:1	0	

School data provided by National Center for Education Statistics. Mapping and GreatSchools. Interted for reference only GreatSchools Ratings compare a school's test performance to statewide results. To verify enrollinent eligibility contact the school or district directly.

#### Neighborhood Information

No neighborhood information is available for this property

Property H	listory				
Date	Event	Price	Price/Sq Ft	Change	Source
08/31/2014	Listed	\$539,000	\$331	_	MLS #21406528

Property Taxes Tax data from igeni public records

No property tax history available for this property

The Property Price and Tax history data displayed is obtained from public records and/or MLS feeds from the local jurisdiction in which the applicable property is located. As reallor comit cannot guarantee that all public records and MLS data is accurate and error-free, it is important that you contact your REALTOR\* directly in order to obtain the most up-to-date information available.

#### Home Improvements & Renovations

Review home improvement history	Compare to nearby homes					
<ul> <li>Check for renovations and improvements</li> <li>See total spent on improvements</li> </ul>	<ul> <li>See neighborhood projects</li> <li>Preview local professionals</li> </ul>					
Get Renovation Report »	Get Neighborhood Trends »					

Formatted for easy printing so you can take this with you. Remember to say you found it on realtor.come.

This information has been secured from sources we believe to be reliable, but we make no representations or warranties, expressed or implied, as to the accuracy of the information. You must verify the information and bear ell risk for inaccuracies. U.S. Department of Homeland Security United States Coast Guard

To

Thru:

Commanding Officer United States Coast Guard Base Boston 427 Commercial St. Boston, MA 02109 Phone: (617) 223-3336

11101 09 Mar 2016

MEMORANDUM From: R Millican, CAP CG Base Boston

COMDT (CG-13) CG PSC-PSD-fs Norfolk Reply to Attn of:



Subj: REQUEST TO RESCIND INADEQUACY DECLARATION FOR WEST CHOP I AND WEST CHOP II, MARTHA'S VINEYARD, MA

Ref: (a) CG-13 memo 11101 to CGD ONE of 24 Aug 2012 (b) Safety and Environmental Health Manual, COMDTINST M5100.47A

1. Reference (a) declared multiple housing units within the First Coast Guard District as inadequate for occupancy. Two units located on Martha's Vineyard, Massachusetts, identified as the West Chop I and West Chop II housing units, were included. The declaration for these units was based upon environmental concerns with lead based paint and safety of the electrical system infrastructure. Enclosures (1) and (2) document that the required environmental remediation and electrical system repairs, respectively, of both West Chop housing units have been accomplished. Therefore, I request the rescission of the inadequacy designation for these units.

2. These homes still contain lead based paint and will require ongoing monitoring as required by reference (b). Once these housing units are returned to active status, they will be re-occupied by Station Menemsha personnel during the upcoming PCS transfer cycle.

3. The Area Housing Officer may be contacted at the above phone number, if you require additional information.

#

Enclosure: (1) Environmental Lead Detection letter of 11 Dec 2015 (2) (b)(6) & (b)(7)(C) email to (b)(6) & (b)(7)(C) of 01 Mar 2016

Copy: COMDT (CG-43) ✓CGD1 (d) ✓CG SILC ✓CG CEU Oakland CG Base Cape Cod U.S. Department of Homeland Security

United States Coast Guard



Commandant United States Coast Guard Stop 7907 2703 Martin Luther King Jr. Ave SE Washington, DC 20593-7907 Staff Symbol: CG-13 Phone: (202) 475-5420 Fax: (202) 475-5927

11101 MAR 2 1 2016

MEMORANDUM

Reply to Attn of:

(b)(6) & (b)(7)(C

To: CG Base Boston

Subj: REQUEST TO RESCIND INADEQUACY DECLARATION FOR WEST CHOP I AND WEST CHOP II, MARTHA'S VINEYARD, MA

Ref: (a) Your memo 11101 of 9 Mar 16

1. Your request to rescind the inadequacy declaration for West Chop I and West Chop II housing units described in reference (a), is approved.

2. I would like to commend you on the completion of the environmental remediation and electrical system repairs for the two West Chop houses. Your efforts will help ensure families have access to quality housing in a location with a challenging housing environment.

3. Should you have any concerns or questions, please contact (b)(6) & (b)(7)(C) at b(0) & (b)(7)(C)

#

Copy: COMDT (CG-43) CG PSC PSD-fs Norfolk CGD1 (d) CG SILC CG CEU Oakland

11101 10 Mar 2016

FIRST ENDORSEMENT on Base Boston's memo 11101 of 9 Mar 2016



To: COMDT (CG-1333)

Subj: REQUEST TO RESCIND INADEQUACY DECLARATION FOR WEST CHOP I AND WEST CHOP II, MARTHA'S VINEYARD, MA

1. Forwarded, recommending the two West Chop housing units be returned to the active family inventory. There remains some minor operational level maintenance work to be completed (i.e. carpet replacement, cleaning) but both units should be ready for occupancy early-mid April.

2. Base Boston's Area Housing Officer, along with Base Cape Cod's Local Housing Officer will meet with Station Memensha OIC next week to discuss the housing assignment slate for AY16.

3. HMIS ERA data will be updated to reflect the environmental health risk changes resulting from the completed AFC-43 project. Both houses should be considered to have findings that require a monitoring level observation.

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Copy: Base Boston

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U.S. DEPARTMENT OF HOMELAND SECURITY U.S. COAST GUARD	APPLICATION FOR	R ASSIGNMENT	TO MILITA	
CG-5267 (01-09)				
IN ACCORDANCE WITH 5 USC 552(E)(3), GUARD,	PRIVACY 7	ACT STATEMENT ROVIDED TO YOU WHEN SUP	PLYING PERSONA	LINFORMATION TO THE U.S. COAST
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YOU MUST ATTACH COPY OF CG-	4170A WHICH INDICATES DATES	OF APPROVAL OF THOS	E DEPENDENTS	
	ADDITIONAL DEP	ENDENT INFORMATION		
15a. SPOUSE IN SERVICE 15b. IF SO,	WHICH SERVICE 15c. CURRENT DU	TY STATION AND PHONE NUM	BER 15d. E	XPECTED DATE HE/SHE WILL JOIN YOU
16a. ARE YOU ENROLLED IN THE CG SPE PROGRAM	ECIAL NEEDS 16b. IF SO, LIST D	EPENDENTS WITH SPECIAL N	EEDS.	
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PREVIOUS EDITION IS OBSOLETE



# Disclosure of Environmental Health Hazards in Coast Guard Housing

#### Environmental Health Hazards Warning

Housing built before 1981 may contain lead-based paint or asbestos-containing material. Asbestos or lead materials can pose health hazards if not managed property. Lead exposure is especially harmful to young children under age seven and pregnant women. The Coast Guard must disclose the presence of known lead-based paint and/or asbestos-containing material in the dwelling before assigning personnel to pre-1981 housing. Personnel assigned to pre-1981 housing must also receive a federally approved pamphlet on lead poisoning prevention. Housing built at any time may contain radon. Radon may enter the home through cracks in solid floors, walt construction joints, gaps in suspended floors, service pipes, and cavities inside walls.

1. Coast Guard Housing Disclosure (a) \_\_\_\_\_The housing unit at (address) \_

#### (b) \_\_\_\_\_The housing unit at (address)

been assessed for environmental health risks. No environmental health hazards are known but their presence is suspect in the housing unit. Random samplings of similar units for environmental health hazards were conducted and used to identify components containing lead-based paint and/or asbestos containing material. The samplings were used to provide insight into the possibility of environmental health hazards. The information in paragraph 6 is intended to inform you of the possibility of the presence of environmental health hazards in your unit.

(c) \_\_\_\_\_The housing unit at (address) \_\_\_\_\_\_

become damaged or disrupted contact

other environmental health risks which have been identified in the housing unit. A summary of environmental health risks and/or concerns is contained in Paragraph 6. Residents will be informed of future planned remediation efforts and given specific information as to the health risks associated with these findings.

(b)(6) & (b)(7)(C)

2. Records and reports available to housing residents: The Housing Office has available records and reports, pertaining to lead-based paint, asbestos, radon and other environmental hazards in housing units, for your review. If any of the components listed

3. Residents Acknowledgement (initial) Resident has received a copy of this Disclosure Letter (signed) with a list of components described in paragraph 6.

(b)(6) & (b)(7)(C)

1 *** (D)(6) & (D)(	terrende ine ronowing EFA approved paripriters and websites
	Protect your family from Lead in your Home EPA-747-K-99-001
	For additional information please visit EPA website www.epa.gov/lead/pubs/leadpdfe.pdf
(b)(6) & (b)	
	Lead in your Home EPA-747BK-98-002 / June 1998
	For additional information please visit EPA website www.epa.gov/lead/pubs/leadiev.ndf

(b) Resident has received the following EPA approved examplete and wahaited

Asbestos in the Home / January 1995 For additional information please visit EPA website <u>www epa gov/asbestos/pubs/ashome.html</u> A Citizen's Guide to Radon EPA 402/K-09/001 / January 2009 For additional information please visit EPA website <u>www epa gov/radon/pubs/citquide.html</u>

\_\_\_\_\_ Other: \_\_\_\_\_

4. Certification of Accuracy

The following parties have reviewed the information above and certify, to the best of their knowledge, that the information provided is true and accurate.

(b)(6) & (b)(7)(C)		(b)(6) & (b)(7)(C)	
Housing Representative	15 hunl	4	Block
OFF BASE Housing Manager	D.e.		Uale
Title		Resident	Room No
CG SECTOR SE NEW ENGLAND	(508) 968-6503		
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22. SIGNATURE OF APPLICANT				$\sim$						а I.
	M(6) X	, (h)	( / )(		23. DATE SU	UBMITT	ED			
	$\mathcal{M}$		<b>\'</b> /\			2	4-			8
SECTION V - DISPOSITION /To be com	niated by the Mountain	Official					1/	(1214		
24. MILITARY HOUSING	inclusion and managing	unicaj	11	1.	1					
a. APPLICATION RECEIVED	b. APPLICATION SEP	CTIVE /YYMMO		e Dore	/					
TYDE and time).			· · · ·	(YYMMD	DI 1/4/ PROVIDED			HOLISING AVA	LABILITY	(floxes
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SECTION VI- HOUSING REFERRAL CER	TIERCATE	1.05							18	0706
On this date I have received a listing of I	ine housing restrictions	approved by the	.	to addi						
list I have been bief on (1) the activity	In any property on the	a restricted	an	n beina a	inci, it any facility re discriminated easier	eluses ti et i um	Prent or a	tell to me or th	eve the n	Eason to believe I
(2) the DOD program on equal opportunity	provided by the Housi for milliony personnel	ng Office.	26	, SIGNA	TURE OF APPLIC	ANT	houptly	nomy the House	DATE O	e,
and (3) nondiscrimination based on physica	if or mental handicaps.	*1 munutsà (10/18)	<sup>ng</sup> (h	)(6)	(h)(7)(	$\mathbf{C}$		1 20	(YYMM	DD)
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# West Chop Light Housing Investigation

# Exhibit (58)

Withheld all 3 pages under FOIA Exemptions 5, 6, & 7(C)

# Pak, Colleen M CAPT

From: Sent: To: Subject: Millican, Brett CAPT Wednesday, January 9, 2019 4:03 PM Pak, Colleen M CAPT West Chop and other Martha's Vineyard Housing

-----Original Message-----From: Millican, Brett CAPT Sent: Tuesday, March 1, 2016 12:36 PM To: Davenport, Jerry W CAPT (b)(6) & (b)(7)(C) Cc: (b)(6) & (b)(7)(C) ; (b)(6) & (b)(7)(C) ; (b)(6) & (b)(7)(C) ; Clyburn, Michael A CAPT (b)(6) & (b)(7)(C) Subjects West Chen and other Morthele Viewand

Subject: West Chop and other Martha's Vineyard Housing

Jerry - to follow up from today's brief to Admiral Fagan, Base Cape Cod needs to complete interior painting, floor maintenance and follow on cleaning to make the two West Chop units ready for occupancy. Based on conversation with the local housing officer, my current estimate for availability is the first week of April.

The LHO has scheduled a meeting with the Station OIC on March 15th to develop a plan for occupancy taking into account current leases, renovation project, incoming personnel, and other relevant factors. My understanding is that (my AHO) is also scheduled to attend that meeting as well.

Please let me know if you have any additional questions or concerns at this time. Brett

# West Chop Light Housing Investigation

# Exhibit (60) Not Used

# Pak, Colleen M CAPT

From: Sent: To: Subject:

(b)(6) & (b)(7)(C) Friday, March 1, 2019 10:05 AM Pak, Colleen M CAPT Occupancy Info West Chop

Capt Pak

As requested, occupancy info for West Chop.

West Chop 921 Main/West Chop #1

						Sort (	Order
<<	<	Page 1 of 1	> >> Clic	k on Column Heading to So	rt by that Column.	Ascending	ODesc
View	1	<u>Name</u>	<u>EMPLID</u>	Address	In Date	Out Date	<u>HU N</u>
View	(b)(6	6) & (b)(7)(C	(b)(6) & (b)(7)(C)	921 MAIN STREET	06/15/2016	10/01/2018	G0
View				921 MAIN STREET	07/07/2010	10/21/2012	G0
View				921 MAIN STREET	06/23/2006	05/26/2010	G0
View				921 MAIN STREET	07/24/2002	06/01/2006	G0
View				921 MAIN STREET	01/27/2000	07/22/2002	G0
View				921 MAIN STREET	04/12/1999	01/11/2000	G0
View				921 MAIN STREET	08/17/1995	03/05/1999	G0
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# 917 Maine West Chop #2

<<	< Page 1 of 1	> >>	Click on Column Heading to Sort by that Column.		Ascending O Desce	
View	<u>Name</u>	<u>EMPLID</u>	Address	In Date	Out Date	<u>HU N</u>
View	(b)(6) & (b)(7)(C)	(b)(6) & (b)(7)(C	917 MAIN STREET	07/12/2018	09/07/2018	G01
View			917 MAIN STREET	06/29/2016	06/22/2018	G01
View			917 MAIN STREET	07/28/2009	05/04/2012	G01
View			917 MAIN STREET	06/17/1996	09/30/1996	G01
			~ >			

<sup>(b)(6) & (b)(7)(C)</sup> and were/are command cadre (OIC or XPO). As previously (6) & (b)(7) i) & (b)(7 (6) & (b My recollection is that discuss these are not designated command quarters, per HMIS designation. IN HMIS they are identified as government owned family qtrs.

v/r
#### Pak, Colleen M CAPT

From: Sent: To: Subject: Attachments:

(b)(6) & (b)(7)(C) Thursday, February 28, 2019 1:56 PM Pak, Colleen M CAPT Designated Housing List Designated Housing Listing 03272018.xlsx

Hi Colleen. As a follow-up to our discussion yesterday, please be advised that the two West Chop homes are not officially designated for command cadre. Attached is a list of the designated houses.

Just got back on line, and will look for WC e-mails as time permits.



# West Chop Light Housing Investigation

# Exhibit (63)

Withheld all 2 pages under FOIA Exemptions 6 & 7(C)

U.S. Department of Homeland Security United States Coast Guard

Commanding Officer United States Coast Guard Base Boston 427 Commercial St. Boston, MA 02109 Phone: (617) 223-3336

11101 09 Mar 2016

MEMORANDUM From: Millican, CAP A.R. CG Base Boston

To: COMDT (CG-13) Thru: CG PSC-PSD-fs Norfolk Reply to ( Attn of:



Subj: REQUEST TO RESCIND INADEQUACY DECLARATION FOR WEST CHOP I AND WEST CHOP II, MARTHA'S VINEYARD, MA

Ref: (a) CG-13 memo 11101 to CGD ONE of 24 Aug 2012 (b) Safety and Environmental Health Manual, COMDTINST M5100.47A

1. Reference (a) declared multiple housing units within the First Coast Guard District as inadequate for occupancy. Two units located on Martha's Vineyard, Massachusetts, identified as the West Chop I and West Chop II housing units, were included. The declaration for these units was based upon environmental concerns with lead based paint and safety of the electrical system infrastructure. Enclosures (1) and (2) document that the required environmental remediation and electrical system repairs, respectively, of both West Chop housing units have been accomplished. Therefore, I request the rescission of the inadequacy designation for these units.

2. These homes still contain lead based paint and will require ongoing monitoring as required by reference (b). Once these housing units are returned to active status, they will be re-occupied by Station Menemsha personnel during the upcoming PCS transfer cycle.

3. The Area Housing Officer may be contacted at the above phone number, if you require additional information.

#

Enclosure: (1) Environmental Lead Detection letter of 11 Dec 2015 (2) (b)(6) & (b)(7)(C) email to (b)(6) & (b)(7)(C) of 01 Mar 2016

Copy: COMDT (CG-43) ✓CGD1 (d) ✓CG SILC ✓CG CEU Oakland CG Base Cape Cod U.S. Department of Homeland Security

United States Coast Guard



Commandant United States Coast Guard Stop 7907 2703 Martin Luther King Jr. Ave SE Washington, DC 20593-7907 Staff Symbol: CG-13 Phone: (202) 475-5420 Fax: (202) 475-5927

11101 MAR 2 1 2016

MEMORANDUM

Reply to Attn of:

CG-1333 (b)(6) & (b)(7)(C)

To: CG Base Boston

Subj: REQUEST TO RESCIND INADEQUACY DECLARATION FOR WEST CHOP I AND WEST CHOP II, MARTHA'S VINEYARD, MA

Ref: (a) Your memo 11101 of 9 Mar 16

1. Your request to rescind the inadequacy declaration for West Chop I and West Chop II housing units described in reference (a), is approved.

2. I would like to commend you on the completion of the environmental remediation and electrical system repairs for the two West Chop houses. Your efforts will help ensure families have access to quality housing in a location with a challenging housing environment.

3. Should you have any concerns or questions, please contact (b)(6) & (b)(7)(C)

#

Copy: COMDT (CG-43) CG PSC PSD-fs Norfolk CGD1 (d) CG SILC CG CEU Oakland

11101 10 Mar 2016

FIRST ENDORSEMENT on Base Boston's memo 11101 of 9 Mar 2016



To: COMDT (CG-1333)

Subj: REQUEST TO RESCIND INADEQUACY DECLARATION FOR WEST CHOP I AND WEST CHOP II, MARTHA'S VINEYARD, MA

1. Forwarded, recommending the two West Chop housing units be returned to the active family inventory. There remains some minor operational level maintenance work to be completed (i.e. carpet replacement, cleaning) but both units should be ready for occupancy early-mid April.

2. Base Boston's Area Housing Officer, along with Base Cape Cod's Local Housing Officer will meet with Station Memensha OIC next week to discuss the housing assignment slate for AY16.

3. HMIS ERA data will be updated to reflect the environmental health risk changes resulting from the completed AFC-43 project. Both houses should be considered to have findings that require a monitoring level observation.

#

Copy: Base Boston

# West Chop Light Housing Investigation

# Exhibit (66) Not Used

# West Chop Light Housing Investigation

# Exhibit (67) Not Used

### **Environmental Lead Detection**

436 Gardners Neck Road, Swansea, MA 02777

Telephone (774) 526-8223

Email: ELD1988@comcast.net

December 11, 2015

Mark A. Lovejoy, PE, LSP, CHMM Project Manager TANTARA Corporation 54 Mason Street Worcester, MA 01610

Re: West Chop I and West Chop II 917 and 921 Main Street Tisbury, Massachusetts

Dear Mr. Lovejoy:

On August 3, 2015, Brenda J. Eastman, Massachusetts Lead Inspector/Risk Assessor I/R-3691, conducted a visual survey of the lead abatement work conducted at 917 Main Street and 921 Main Street, Tisbury, Massachusetts. The properties are known as West Chop I and West Chop II.

The goal of this service was to determine if the work as detailed in the Lead Abatement Work Plan dated May 21, 2015, had been satisfactorily completed. The scope of the work for this project consists of the abatement and disposal, replacement, covering, scraping, and removal of lead-based paint contaminated building components in accordance with the requirements of Federal laws and regulations. Applicable laws and regulations include, but are not limited to, Department of Housing and Urban Development (HUD) *Requirements for Notification*, *Evaluation and Reduction of Lead-Based Paint Hazards in Federally Owned Residential Property and Housing Receiving Federal Assistance*, also known as the HUD Lead Safe Housing Rule (24 CFR Part 35, subparts B-R).

After a comprehensive examination of the work, it was determined that all surface treatments had been completed as detailed in the Work Plan. Because a final cleanup had not yet been conducted, no post abatement clearance dust wipe samples were taken during this visit.

On October 1, 2015, the inspector returned to the site to conduct post abatement clearance dust wipe sampling. A total of twenty-six dust wipe samples (includes a field blank at each site) were collected, thirteen from each building, in an effort to help to determine the levels of lead-containing dust on the interior window sills and floors. These samples were collected from areas most likely to be lead contaminated if lead-in-dust is present. EPA, HUD and State of Massachusetts regulations define the following as hazardous levels for lead dust in residences: floors  $- \ge 40 \ \mu g/ft^2$  (micrograms per square foot); interior windowsills  $- \ge 250 \ \mu g/ft^2$ ; and, interior window wells  $- \ge 400 \ \mu g/ft^2$ .

917 and 921 Main Street Tisbury, Massachusetts December 11, 2015

As indicated below, leaded dust in quantities greater than EPA, HUD, and Massachusetts standards were detected in each building. Out of 24 samples collected at random locations, three were over the regulatory thresholds. All other testing locations registered lead levels below the EPA, HUD and State of Massachusetts standards. Please refer to *Appendix I- Dust Wipe Analytical Results* for the laboratory reports.

#### 917 Main Street

Sample No.	Location	Component	Substrate	Sample Size (ft²)	Test Results (µg/ft²)
145281-003	Rm #2	Floor	Wood	1.00	94.3

#### 921 Main Street

Sample No.	Location	Component	Substrate	Sample Size (ft²)	Test Results (µg/ft²)
145280-003	Kitchen	Floor	Wood	1.00	40.0
145280-005	Rm #2	Floor	Wood	1.00	43.5

#### Laboratory Information:

Schneider Laboratories Global 2512 W. Cary Street Richmond, Virginia 23220 Phone (800) 785-5227 Dust Analysis Protocol

EPA Method 7000B, implementing a microwaveassisted digestion process.

National Lead Laboratory Accreditation Program Serial number: #100527

On October 27, 2015, the inspector returned to the site to conduct post failure clearance dust wipe sampling. A total of five dust wipe samples (includes a field blank at each site) were collected, one from 917 Main St., and two from 921 Main St. These samples were collected from areas where there were failures in the previous sampling. None of the samples contained lead above the laboratory detection threshold.

In conclusion, these properties are now in what could be characterized as a lead safe condition. In order that this lead safe condition be maintained, surfaces that were covered as an abatement method must remain covered.

(b)(6) & (b)(7)(C)

Brenda Eastman Massachusetts Lead Inspector/Risk Assessor I-3691 Expires 10/31/16 **Analysis Report** 

## Schneider Laboratories Global, Inc

2512 W. Cary Street • Richmond, Virginia • 23220-5117 804-353-6778 · 800-785-LABS (5227) · Fax 804-359-1475

**Customer: ENVIRONMENTAL LEAD DETECTION (482)** Address: 436 Gardners Neck Rd Swansea, MA 02777-3105

SLG

Attn:

Lead

Order #: Matrix Received Analyzed

145281 Wipe 10/02/15 10/02/15 10/03/15

Project:	017 Maia (1			Re	aported	10/03/15	
Number:	Vineyard Haven			P			
Sample ID Parameter	Cust. Sample ID	Location Method	Sample Da	ate Area	Total	Conc.	RL*
145281-001	1D	FL Rm 1	10/01/15				
Lead		EPA 7000B / 3050B		1.00 ft2	10.3 µg/wipe	10.3 µg/ft2	10.0 µg/ft2
145281-002	2D	SL Rm 1	10/01/15				
Lead		EPA 7000B / 3050B		0.479 R2	<10.0 µg/wipe	20.9 µg/ft2>	20.9 µg/ît2
145281-003	3D	FL Rm 2	10/01/15				
Lead		EPA 7000B / 3050B		1.00 ft2	94.3 µg/wipe	94.3 µg/ft2	10.0 µg/ft2
145281-004	4D	SL Rm 2	10/01/15				
Lead		EPA 7000B / 3050B		0,745 ft2	<10.0 µg/wipe	<13.4 µg/ft2	13.4 µg/ft2
145281-005	5D	FL Kitchen	10/01/15				
Lead		EPA 7000B / 3050B		1.00 ft2	29.5 µg/wipe	29.5 µg/ft2	10.0 µg/ft2
145281-006	6D	SL Kitchen	10/01/15				
Lead		EPA 7000B / 3050B		0.588 ft2	112 µg/wipe	163 µg/ft2	14.5 µg/it2
146281-007	7D	FL Rm 3	10/01/15				
Lead		EPA 70008 / 30508		1.00 ft2	12.0 µg/wipa	12.0 µg/ft2	10.0 µg/ft2
145281-008	8D	SL Rm 3	10/01/15				
Lead		EPA 7000B / 3050B		0,469 ft2	<10.0 µg/wipe	<21.3 µg/ft2	21,3 µg/ft2
145281-009	9D	FL Rm 4	10/01/15				
Lead		EPA 7000B / 3050B		1.00 <b>fl2</b>	12.0 µg/wipe	12.0 µg/ft2	10.0 µg/ft2
145281-010	10D	SL Rm 4	10/01/15				
Lead		EPA 7000B / 3050B		0.734 ft2	<10.0 µg/wlpe	<13.6 µg/ft2	13.6 µg/ft2
145281-011	11D	FL Rm 5	10/01/15				
Lead		EPA 70008 / 3050B		1.00 #2	<10.0 µg/wipe	<10.0 µg/ft2	10.0 µg/it2
145281-012	12D	SL Rm 5	10/01/15				
Lead		EPA 7000B / 3050B		0.682 ft2	<10.0 µg/wipe	<14.7 µg/ft2	14.7 µg/ît2
145281-013	13D	Blank	10/01/15				

Minimum Total Reporting Limit: 10.0 µg/wipe. EPA Clearance Std: 40 µg/ft<sup>3</sup> for floors, 250 µg/ft<sup>3</sup> for interior window sills, and 400 µg/ft<sup>2</sup> for window troughs. All internal QC parameters were met. Unusual sample conditions, if any, are described. Surrogate Spike results designated with "D" Indicate that the analyte was diluted out. "MI" Indicates matrix Interference. Concentration and \*Reporting Limit (RL) based on areas provided by client. Values are reported to three significant figures. The test results reported relate only to the samples submitted.

EPA 7000B / 3050B

<10.0 µg/wipe

10.0 µg/wipe

**Analysis Report** SLG

## Schneider Laboratories Global, Inc

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f.

Customer Address	er ENVIRONMENTAL LEAD DETECTION (482) 8 436 Gardners Neck Rd			Order #:	148536	
	Swansea, MA	02777-3105		Matrix	Wipe	
				Received	10/28/15	
				Analyzed	10/28/15	
Project				Reported	10/28/15	
Location	917 Main St					
Number	Vineyard Haver	1				
Sample ID	Cust. Sample ID	Location	Sample Date			
Parameter		Method	Агеа	Total	Conc.	RL*
148536-001	14P	Rm 2 FL	10/27/15			
Lead		EPA 7000B / 3050B	1.00 ft2	<10.0 µg/wipe	<10.0 µg/ft2	10.0 µg/fl2
148536-002	15P	Blank	10/27/15			
Lead		EPA 7000B / 3050B		<10.0 µg/wipe		10.0 µg/wipe

Analyst MHB

148536-10/28/15 03:08 PM

Reviewed By Abisola Kasali

Metals Supervisor

(b)(6) & (b)(7)(C)

Minimum Total Reporting Limit: 10.0 µg/wipe. EPA Clearance Std: 40 µg/ft² for floors, 250 µg/ft² for Interior window sills, and 400 µg/ft² for window troughs. All internal QC parameters were met. Unusual sample conditions, if any, are described. Surrogate Spike results designated with "D" indicate that the analyte was diluted out. "MI" indicates matrix interference. Concentration and "Reporting Limit (RL) based on areas provided by client. Values are reported to three significant figures. The test results reported relate only to the samples submitted.

Analysis Report

## Schneider Laboratories Global, Inc

2512 W. Cary Street • Richmond, Virginia • 23220-5117 804-353-6778 • 800-785-LABS (5227) • Fax 804-359-1475

Customer: ENV Address: 438

921 Main St

SLG

ENVIRONMENTAL LEAD DETECTION (482) 438 Gardners Neck Rd Swansea, MA 02777-3105 
 Order #:
 145280

 Matrix
 Wipe

 Received
 10/02/15

 Analyzed
 10/02/15

 Reported
 10/03/15

Attn: Project:

Location:

Number:	Vineyard Haven	PO Number:						
Sample ID Parameter	Cust. Sample ID	Location	Sample D	ate	Total	Conc	pi *	
446080 004	10	Fi Dm 1	10/04/45	~100	Total	00110.		
145260-001	10	FL KIII I	10/01/10	1.00.82	<10.0 untuino	c40.0 unifi2	10.0 ug/#2	
rêaû		EFA 700087 30308		1.00 112	< 10.0 µg/wipa	<10.0 µg/itz	to.o pg/itz	
145280-002	2D	SL Rm 1	10/01/15					
Lead		EPA 70008 / 30508		0.719 ft2	<10.0 µg/wlpe	<13.9 µg/ft2	13.9 µg/tt2	
145280-003	3D	FL Kitchen	10/01/15					
Lead		EPA 7000B / 3050B		1.00 fl2	40.0 µg/wipe	40.0 µg/ft2	10.0 µg/ft2	
145280-004	4D	SL Kitchen	10/01/15					
Lead		EPA 7000B / 3050B		0.853 ft2	<10.0 µg/wipe	<11.7 µg/#2	11.7 µg/ft2	
145280-005	5D	FL Rm 2	10/01/15					
Lead		EPA 7000B / 3050B		1.00 ft2	43.5 µg/włpe	43.5 µg/ft2	10.0 µg/ft2	
145280-005	6D	SL Rm 2	10/01/15					
Lead		EPA 7000B / 3050B		1.03 82	<10.0 µg/wipe	<9.70 µg/ft2	9.70 µg/ft2	
145280-007	7D	FL Rm 3	10/01/15					
Lead		EPA 70008 / 30508		1.00 ft2	13.8 µg/wipe	13.8 µg/ft2	10.0 µg/ft2	
145280-008	8D	SL Rm 3	10/01/15					
Lead		EPA 7000B / 3050B	10001110	0.719 fi2	29.5 µg/wipe	41.1 µa/ft2	13.9 uo/fi2	
145280-009	90	El Dm d	10/01/15					
l ead		FE NIL 4	10/01/15	1.00.82	13.8 ug/wine	13.8 10/82	10.0 un/82	
(45555 046	100		10101110	1.00 112	10 0 bgrmpu	rate hBurr	to pyraz	
145280-010	100	SL RM 4	10/01/15	4 00 80	OO Frankishan		0.70	
Lead		EPA 1000B1 3050B		1,03 π2	∠∠a µg/wipe	21.8 µg/tt2	a"\n hô\us	
145280-011	11D	FL Rm 5	10/01/15					
Lead		EPA 7000B / 3050B		1.00 R2	20.8 µg/wipe	20.8 µg/ft2	10.0 µg/ft2	
45280-012	12D	SL Rm 5	10/01/15					
Lead		EPA 7000B / 3050B		1.02 ft2	59.3 µg/wipe	57.9 µg/ft2	9.77 µg/ft2	
145280-013	13D	Blank	10/01/15					
Lead		EPA 7000B / 3050B			<10.0 µg/wipe		10.0 µg/wipe	

Minimum Total Reporting Limit: 10.0 µg/wipe. EPA Clearance Std: 40 µg/R<sup>3</sup> for floors, 250 µg/R<sup>3</sup> for interior window sills, and 400 µg/R<sup>3</sup> for window troughs. All Internal QC parameters were met. Unusual sample conditions, if any, are described. Surrogate Spike results designated with "D" indicate that the analyte was diluted out. "MI" indicates matrix interference. Concentration and "Reporting Limit (RL) based on areas provided by client. Values are reported to three significant figures. The test results reported relate only to the samples submitted.

**Analysis Report** 

SLG

ž

## Schneider Laboratories Global, Inc

2512 W. Cary Street • Richmond, Virginia • 23220-5117 804-353-6778 • 800-785-LABS (5227) • Fax 804-359-1475

Customer: Address:	ENVIRONMENT 436 Gardners Ne	AL LEAD DETECTION	(482)		Order #:	148537		
	Swansea, MA 0.	2777-3105			Matrix Received	Wipe 10/28/15		
Attn:					Analyzed	10/28/15		
Project: Location:	921 Main St				Reported	10/26/15		
Sample ID Parameter	Cust. Semple ID	Location Method	Sample Da	ate Area	Total	Conc.	RL*	
148537-001	14D	Kitchen FL	10/27/15				24 • 11000 I	
Lead		EPA 70008 / 3050B		1.00 ft2	<10.0 µg/wipe	<10.0 µg/ft2	10.0 µg/ft2	
148537-002	15D	Rm 2 FL	10/27/15					
Lead		EPA 7000B / 3050B		1.00 ft2	<10.0 µg/wipe	<10.0 µg/ft2	10.0 µg/ft2	
148537-003	16D	Blank	10/27/15					
Lead		EPA 7000B / 3050B			<10.0 µg/wipe		10.0 µg/wlpe	
Analyst: OHE 148537-10/28	15 02:13 PM				(b)(6)	& (b)(7)(C)	1	

**Reviewed By: Marti Baird** Analyst

Minimum Total Reporting Limit: 10.0 µg/wipe. EPA Clearance Std: 40 µg/ft<sup>3</sup> for floors, 250 µg/ft<sup>3</sup> for Interior window stills, and 400 µg/ft<sup>3</sup> for window troughs. All Internal QC parameters were met. Unusual sample conditions, if any, are described. Surrogate Spike results designated with "D" Indicate that the analyte was diluted out. "MI" indicates matrix interference. Concentration and "Reporting Limit (RL) based on areas provided by client. Values are reported to three significant figures. The test results reported relate only to the samples submitted.

# (b)(5), (b)(6), & (b)(7)(C)

#### (b)(6) & (b)(7)(C)

Owned Housing Maintenance Coordinator USCG Base Boston

(b)(6) & (b)(7)(C) (cell)

-----Original Message-----From: (b)(6) & (b)(7)(C) Sent: Tuesday, March 15, 2016 1:46 PM To: (b)(6) & (b)(7)(C) Cc: (b)(6) & (b)(7)(C) Subject: RE: West Chop I and II Repair Documentation

(b)(6) & (b)(

You could probably just split it 60/40. The only difference is we replaced the

Boiler and kitchen cabinets in 917, and replaced upstairs tub enclosure w/vinyl floor and front concrete slab in 921. There were a few minor repairs

here and there but nothing significant enough for documentation in HMIS. I have provided the SOW just in case you want to determine for yourself. I'm here if you have questions.

Cheers!



-----Original Message-----From: (b)(6) & (b)(7)(C) Sent: Tuesday, March 15, 2016 1:28 PM To: (b)(6) & (b)(7)(C) Cc: (b)(6) & (b)(7)(C) Subject: RE: West Chop I and II Repair Documentation

Thanks for the catch

I see the independent govt estimate on the CGBI project detail that (D(G) (C(D))) sent me in her email. Do you have the final cost of the "abatement" for each unit?

Thanks!

(b)(6) & (b

V/r,

(b)(6) & (b)(7)(C) Owned Housing Maintenance Coordinator USCG Base Boston

(b)(6) & (b)(7)(C) (cell)

-----Original Message-----From: (b)(6) & (b)(7)(C)

#### Sent: Tuesday, March 15, 2016 1:23 PM To: (b)(6) & (b)(7)(C) Cc: (b)(6) & (b)(7)(C) ; (b)(6) & (b)(7)(C) Subject: RE: West Chop I and II Repair Documentation

#### b)(6) & (b)(

Sorry for the confusion, but in my shuffling of documentation I placed the newest version of the final clearance letter in a separate location, unknown to  $(0)(0) \times (0)(0)(C)$ . My bad.

Attached is the final revised final final revised, latest greatest ...... This was revised as per a request from (b)(6) & (b)(7)(C) to appease the powers that be and ultimately get approval on your end. The intent of the project was never a total abatement. Due to funding restrictions we opted out of total removal and replacement of all wall coverings, window casings, etc...anything that had lead paint on it, and instead covered up the bad stuff to make it "not accessible". Encapsulation is even an incorrect term. With that said, we needed documentation in the final letter to say what the process was. The end result is that LBP still exist, however, it is not accessible.

Also, there are areas where we did remove the LBP or remove/replace that particular item if not historic, and that information is in the work plan. My assumption is the local housing office will still need to provide a disclosure letter.

Please feel free to contact me if you have any questions

Cheers!



#### (b)(6) & (b)(7)(C)

Const. Project Manager CEU Providence (b)(6) & (b)(7)(C) (o) (b)(6) & (b)(7)(C) (c)

-----Original Message-----From: (b)(6) & (b)(7)(C) Sent: Tuesday, March 15, 2016 11:48 AM To: (b)(6) & (b)(7)(C) Cc: (b)(6) & (b)(7)(C) Subject: West Chop I and II Repair Documentation

Hi (b)(6) & (b

The attached documentation on the West Chop Housing Repair project should be what you need to make your updates.  $(b)(G) \otimes (b)(7)(C)$  was the CPM on the job and can provide you with any additional specifics you need that's not already attached.



(b)(6) & (b)(7)(C) Facility Asset Manager USCG CEU Providence 475 Kilvert St. Suite 100 Warwick, RI 02886 Office: <sup>(b)(6) & (b)(7)(C)</sup> Cell: <sup>(b)(6) & (b)(7)(C)</sup> https://cg.portal.uscg mil/units/ceuprovidence

From:	(b)(6) & (b)(7)(C)
То:	(b)(6) & (b)(7)(C)
Cc:	(b)(6) & (b)(7)(C); (b)(6) & (b)(7)(C)
Subject:	RE: WC Homes
Date:	Monday, March 28, 2016 4:11:38 PM

#### (b)(6) & (b)(7

I entered the abatement project and updated each of the findings to "Educate/Monitor."

I spoke with (b)(6) & (b)(7)(C) (CEU) to clarify some discrepancies between the scope of work and the final report. He said that they removed any trim or fittings that weren't historical, stripped and repainted anything that was historical and the only lead left is on the walls, ceilings, baseboards and window sills. All of these areas were covered by 1/4" sheetrock, 1/4" birch, and aluminum sheet stock respectively so that no lead is accessible to humans.

Should be clear to return the units to active status.

V/r,

(b)(6) & (b)(7)(C)

Owned Housing Maintenance Coordinator USCG Base Boston

(b)(6) & (b)(7)(C) (cell)

-----Original Message-----From: (b)(6) & (b)(7)(C) Sent: Monday, March 28, 2016 2:27 PM To: (b)(6) & (b)(7)(C) Subject: WC Homes

whets the status of the ERA report data entry?

#### (b)(6) & (b)(7)(C)

Area Housing Officer USCG Base Boston 427 Commercial Street Boston, MA 02110 (b)(6) & (b)(7)(C) (b)(6) & (b)(7)(C) (cell) (b)(6) & (b)(7)(C)

#### LEAD, ASBESTOS & RADON ASSESSMENT REPORT NO. 18

**Coast Guard Family Housing and UPH's** 

Located At

Gloucester, Massachusetts Siasconset, Massachusetts Harwich, Massachusetts Woodshole, Massachusetts Nantucket, Massachusetts



Prepared by:

Professional Service Industries, Inc. 19 British American Boulevard Latham, NY 12110 (518) 782-0777

Coast Guard Contract Number: DTCG-47-95-D-3EFK01 Task Order 27

February 1997



information to build on

#### LEAD, ASBESTOS & RADON ASSESSMENT REPORT

USER AGENCY:

FACILITY NAME(S):

FACILITY LOCATIONS:



UNITED STATES COAST GUARD FD&CC LANT

Siasconset/Nantucket - Family Housing Gloucester - Family Housing Harwich and Woodshole - Family Housing

Siasconset/Nantucket, Massachusetts Gloucester, Massachusetts Harwich and Woodshole, Massachusetts



ection referenced by this report, and the report itself, were conducted in the lines and AHERA regulations, to the best of my ability and knowledge.

RMD, LPA-1 Lead Paint Inspection System Certification Date: 4/25/95 Massachusetts Department of Labor and Industries Lead Inspector Certificate Number: M1820

(b)(6) & (b)(7)(C)

Samuel D. Syrotynski

EPA/AHERA Asbestos Inspector Certification Number: 5PSI 61021 IR Massachusetts Department of Labor and Industries Asbestos Inspector Certificate Number: AI 70623 RMD, LPA-1 Lead Paint Inspection System Certificate Date: 6/7/96



Scott (

EPA/AHERA Asbestos Inspector Certification Number: 5PSI 61397 IR

I have reviewed this report and hereby certify that the information contained within satisfies the intent of the HUD Guidelines and AHERA regulations, to the best of my ability and knowledge.



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#### **1.0 EXECUTIVE SUMMARY**

#### **1.1 SCOPE OF SERVICES**

The primary components of the assessment involved asbestos and lead-based paint surveys of USCG family housing units for Siasconset/Nantucket, Gloucester and Harwich and Woodshole in Massachusetts. Additional testing was conducted for lead-in-water, -dust, and -soils at the housing units. Also included in the scope of services was a short-term screening for radon gas at each unit. The assessment procedures are outlined as follows:

- Water source identification and compliance of the identified source with the Safe Drinking Water Act was investigated .
- One preliminary screening radon canister was placed in the basement/living area of each unit. Long-term alpha track radon canisters were placed if initial test results indicated concentrations exceeded state, federal or USCG limits.
- Playground soil and equipment were assessed for asbestos and lead.
- Lead-in-paint testing was accomplished utilizing a X-Ray Fluorescence (XRF) Spectrum Analyzer in communication with confirmatory bulk paint chip sampling for inconclusive XRF results.
- A total of three composite surface lead dust wipes were collected from window and floor components within each unit. Where carpeted surfaces were present a fourth sample was collected from the carpeted surface.
- A composite soil sample, from the perimeter of each unit was analyzed for lead-in-soil.
- A single, first draw water sample was taken from a primary faucet at each unit for lead-inwater testing.
- Asbestos testing involved visual inspection, bulk sampling and laboratory analysis of suspect asbestos containing building materials. Roofing materials and flooring materials were assumed asbestos-containing pursuant to the Scope of Services for this task.

#### 1.1.1 LIMITATIONS OF ASSESSMENT

The assessment was undertaken to determine what health-based risks, if any, might be present in the housing units. In general, the sampling protocol did not include any destructive sampling or sampling of hidden or inaccessible materials. For the asbestos portion of the assessment, roofing and flooring materials were assumed as asbestos containing.

#### 1.1.2 DATES OF ASSESSMENT

The assessment started at the Siasconset/Nantucket facility on November 4, 1996 and ended on November 15, 1996 at the Harwich and Woodshole facilities.

#### 1.1.3 PERSONNEL

The primary personnel for the on-site activities of the assessment were:

#### Christine Marshall

RMD, LPA-1 Lead Paint Inspection System Certification Date: 4/25/95 Massachusetts Department of Labor and Industries Lead Inspector Certificate Number: M1820

#### Samuel D. Syrotynski

EPA/AHERA Asbestos Inspector Certification Number: 5PSI 61021 IR Massachusetts Department of Labor and Industries Asbestos Inspector Certificate Number: AI70623 RMD, LPA-1 Lead Paint Inspection System Certificate Date: 6/7/96

#### **Scott Charlebois**

EPA/AHERA Asbestos Inspector Certification Number: 5PSI 61397 IR

#### 1.2 RECOMMENDATION DEFINITION AND DECISION MAKING

The health risks, if any, found during this assessment can be addressed through an Operations and Maintenance Plan (O&M Plan), encapsulation, or abatement. An O&M Plan is developed to first clean up or address previously released material. The O&M Plan should then outline procedures to prevent new releases and monitor the effectiveness of the procedures. If a material or component is to be encapsulated, a covering will be placed between the material and the environment. Abatement refers to the permanent removal of the hazard from the unit. These definitions and others are presented in Section 1.11.

The process of determining appropriate action to undertake in a particular unit is dependent upon many variables including condition of material, age of material, location, accessibility, susceptibility to damage, percent of regulated substance within the material, as well as other physical characteristics. The following matrix is an example of possible actions to be taken in response to discovering elevated lead concentrations in painted surfaces at the site. The correct action to minimize the potential health risk should be chosen based upon the particular circumstances of the material within the unit. To help "choose" the best action to take, risk matrices and algorithms have been developed by various government and private sources. The algorithms attempt to use a number to represent a site variable. The matrix and algorithm used for this assessment are presented in Sections 1.2.1 and 1.2.2.

1.2.1 Lead-Based Paint

The following chart is the risk matrix used for lead-based painted surfaces found during this assessment. It is from the HUD Guidelines for the Evaluation and Control of Lead-based Paint in Housing, Chapter Six. The Schedule presented in the matrix below may be found for each unit with lead-based paints identified in Section 4.1 of this report on the Table titled "Lead-Based Paint-Recommended Action Cost Summary."

Schedule			TAVA ALMANIAL	
Schedule			Frequency	Visual Survey (by owner or owner's
	Evaluation Results	Recommended Action	and Duration	representative)
1	Combination risk assessment/inspection finds no	None.	None.	None.
	leaded dust or soil and no lead-based paint.			
7	No lead-based paint hazards found during risk	None.	3 Years.	Annually and whenever information
	assessment conducted before hazard control or at			indicates a possible problem.
	clearance (hazards include dust and soil).			
3	The average of leaded dust levels on all floors,	A. Interim controls and/or	1 Year, 2	Same as Schedule 2, except for
	interior window sills, or window troughs sampled	abatement (mixture of the two),	Years.	encapsulants. The first visual survey of
	exceeds the applicable standard, but by less than a	including, but not necessarily		encapsulants should be done one month after
	factor of 10.	limited to, dust removal. This		clearance; the second should be done 6
		schedule does not include window		months later and annually
		replacements.		thereafter.
4	The average of leaded dust levels on all floors,	A. Interim controls and/or hazard	6 Months,	Same as Schedule 3.
	interior window sills, or window troughs sampled	abatement (or mixture of the two),	1 Year,	
	exceeds the applicable standard by a factor of 10 or	including, but not necessarily	2 Years.	
	more.	limited to dust removal.		
5	No leaded dust or leaded soil hazards identified,	A. Abatement of all lead-based	4 Years.	Same as Schedule 3.
	but lead-based paint or lead-based paint hazards	paint hazards, but not necessarily		
	are found.	all lead-based paint.		
		4		
9	Bare leaded soil exceeds standard, but less than	Interim controls.	None.	Three months to check new ground cover,
	5,000 µg/g.			then annually to identify new bare spots.
7	Bare leaded soil greater than or equal to	Abatement (paving or removal).	None.	None for removal, annually to identify new
	5,000 μg/g.			bare spots or deterioration of paving.

#### 1.2.2 Asbestos

The theory of exposure potential is to determine, based on quantifiable numerical variables, the likelihood of exposure to asbestos within a specific area. Exposure potential indicates the potential for a worker or building occupant to be accidentally exposed to a sudden peak dose of fibers released from the material. An exposure potential is to be calculated for each area of each facility which contains friable materials with an asbestos content of more than one percent. One of the most frequently used guidelines for the evaluation of asbestos exposure potentials was developed by Dr. Robert Sawyer, a professor at Yale University, during the late 1970s, and is recommended by the United States Environmental Protection Agency (USEPA) for evaluating the asbestos potential in public schools.

#### Material Condition (MC)

This is the condition of the material at the time of the inspection. Factors to look for include the quality of installation, adhesion of the material to the underlying substrate, deterioration of the outer covering, delamination, contact damage, and material disintegration. The numerical range is 0 - 5:

- 0 = No damage, excellent condition
- 1 = Very minor damage, no visible debris
- 2 = Damage is evident, small area
- 3 = Damage is easily seen, some debris
- 4 = Damage is widespread, debris is common
- 5 = Most or all material is damaged, hanging, and/or found as debris throughout the area

#### Water Damage (WD)

This factor relates to the potential for water to dislodge, delaminate, and disturb materials. Water damage weakens the binding matrix of the material and can carry fibers in a slurry to other areas in the building where they can become airborne. The rating for this variable ranges from 0-2:

- 0 = No water damage at all
- 1 = A small amount of damage can be seen; damage is localized rather than widespread
- 2 = Damage is widespread rather than localized

#### **Exposed Surface Area (ESA)**

The exposed surface area of friable material has an effect on potential fiber fallout levels and the possibility for contact and damage. A useful criterion in determining ESA is whether or not the friable asbestos material is visible. Materials usually fall in one of the following categories: out in the open (fully exposed); above or behind a semi-permanent enclosure such as a wall, ceiling or floor; or above or behind a permanent enclosure. Areas with louvers, grids, or other open ceiling systems are considered exposed. The range of this variable is 0-4:

- 0 = Material is behind some type of permanent enclosure
- 2 = Material is behind a lay-in ceiling or in an open tunnel
- 4 = Material is exposed

#### Accessibility (AC)

If the material can be reached, it is accessible and subject to accidental or intentional contact and damage. The range of this variable is 0-4:

- 0 =Totally inaccessible
- 1 = Can reach it only with hands (e.g. pipe chase with small access door)
- 2 = An open tunnel or above a drop ceiling
- 3 = Exposed overall, but can't reach it, material height > 10 feet
- 4 = Material is out in the open and < 10 feet high

#### Activity and Movement (A/M)

Occupancy and mechanical vibrations are two important factors to consider. The higher the occupancy, the more vibration from noise and physical movement, and the greater the ambient fiber release. It also plays an important role in determining abatement priority. Mechanical vibrations, especially in boiler and mechanical rooms, not only create ongoing ambient fiber release but, when the system is turned on or off, there is a sudden burst of mechanical and air movement which creates a mini-peak exposure. The range of this variable is 0-2:

- 0 = No occupants enter the area (e.g. behind permanent wall)
- 1 = The area is accessed infrequently (e.g. a tunnel, boiler room, storage room)
- 2 = The area is accessed frequently (e.g. offices and classrooms)

#### Air Plenum/Air Stream (AP)

A direct air stream flowing across a material erodes the material and thereby releases fibers into the air. If the area in question is forming a supply air plenum, there is usually a great deal of exposure to building occupants since the contaminated air is blown directly into the rooms of the building. Return air plenums do not create quite as high an exposure potential as supply air plenums, but do contribute to the exposure of maintenance and mechanical workers accessing those areas.

This variable indicates the existence of, or potential for, an air stream. An example of a potential air stream would be a fan present, but not in use, at the time of the survey. The range of this variable is 0-1:

0 = No air plenum or air flow exists

1 = An air plenum or air flow potential exists.

#### Friability (F)

Friability is the ease with which a material can be crumbled, pulverized, or reduced to powder, when dry, by hand pressure. The more friable the material, the greater the potential for fiber release and contamination. Since friability is a multiplicative variable in the algorithm, a material with a friability value is zero (0) will have a final exposure value of zero (0). An exposure potential number of zero (0) indicates there is no potential for exposure in that area. This is never the case, therefore a default value of one (1) has been substituted for all non-friables. If asbestos is present in any form then there is always the potential for exposure. Friability has a numerical range of 1-3:

- 1 = Indicative of material that is very hard to crumble under hand pressure (e.g. mechanical insulations in good condition; encapsulated acoustical plaster).
- 2 = Indicative of material that will crumble under a little hand pressure or of material that releases fibers onto your hand when it is run gently across the material.
- 3 = Indicative of material that is extremely easy to dislodge. It will crumble under light hand pressure or when exposed to a gentle air current. A friability value of 3 indicates a very serious situation.

#### Asbestos Content (ASB)

The asbestos content will be the mean value of all samples analyzed from a homogeneous area. With a high percentage of asbestos, there are more fibers that can be released and contaminate the building environment per unit of material. The value of this variable is determined through laboratory analysis of samples. It is useful to the field inspector, however, to estimate the probable asbestos content so that an approximate exposure number can be calculated and checked for accuracy during the survey.

#### FINAL

# LEAD, ASBESTOS, AND RADON ASSESSMENT REPORT #49

# U.S. COAST GUARD DISTRICT 1 - MAINE, NEW HAMPSHIRE AND MASSACHUSETTS FAMILY HOUSING AND UPH

Contract Number: DTCG47-97-D-3EFK09/TOK09-0014

#### Prepared for

United States Coast Guard Facilities Design and Construction Center, Atlantic 5505 Robin Hood Road, Suite K Norfolk, Virginia 23513-2431



May 1999

Prepared by

#### URS Greiner Woodward Clyde Federal Services

A Division of URS Corporation 200 Orchard Ridge Drive, Suite 101 Gaithersburg, Maryland 20878 301-258-9780

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URS Greiner Woodward Clyde Federal Services (URSGWCFS) was retained by United States Coast Guard (USCG) Facilities Design and Construction Center, Atlantic (FDCC-LANT) under contract DTCG47-97-D-3EFK09, Task Order Number TOK09-0014 to perform Lead, Asbestos, and Radon Assessment Services in various locations. The subject of this report is site surveys conducted in District 1. The assessments in this report were conducted in Maine, New Hampshire and Massachusetts from March 22 through April 9, 1999.

The purpose of this task order was to locate and quantify radon, lead-based paint (LBP), lead in dust, soil, and drinking water, and asbestos-containing materials (ACM) in USCG family housing, unaccompanied personnel housing (UPH), child development centers (CDCs), and associated playgrounds. Housing units in the following areas were assessed:

- Bath, Maine
- Boothbay Harbor, Maine
- Cape Elizabeth, Maine
- Base South Portland, Maine
- Owls Head, Maine
- Rockland, Maine
- Newcastle, NH
- Hull, Massachusetts
- Randolph, Massachusetts
- Wakefield, Massachusetts
- Boston, Massachusetts

Three playgrounds were identified (Cape Elizabeth, ME, Wakefield, MA, and Randolph, MA) and assessed. Two of the playgrounds did not contain equipment with painted surfaces and were not assessed for lead-based paint. There were no sandboxes present, therefore, no playgrounds were assessed for asbestos.

#### Survey Results and Recommendations

#### <u>Radon</u>

• Radon levels detected at all units surveyed were below the Environmental Protection Agency (EPA) and State action level (AL) of 4.0 picoCuries per liter (pCi/L) with the following exceptions: two housing units in Wakefield, MA and six housing units in Randolph, MA. Long term testing is recommended at these units.

#### Lead in Paint

• Painted surfaces at several family housing units exceeded the United States Department of Housing and Urban Development (HUD), USCG and State action levels (ALs) for lead in paint of 1.0 milligrams per square centimeter (mg/cm<sup>2</sup>) as measured by an X-ray fluorescence (XRF) analyzer. Surface conditions ranged from intact to poor.

• It is recommended that painted components in intact condition be included in a Lead Hazard Management Plan. The Management Plan should address the maintenance of intact painted surfaces and substrates and should remain in place until abatement of lead from components or removal of painted components from the building has been completed. Surfaces in fair condition should be stabilized and included in the Lead Hazard Management Plan. Surfaces in poor condition should be abated by removing the lead-containing paint or component and the surface should be repainted with lead-free paint. At locations in Massachusetts, where children under the age of six reside regulations require that all lead-containing mouthable surfaces and window friction surfaces be abated regardless of condition.

#### Lead in Dust

• Lead in dust did not exceed the HUD, USCG, and State ALs for floors (100 micrograms per square foot ( $\mu$ g/ft<sup>2</sup>)), window sills (500  $\mu$ g/ft<sup>2</sup>), or window troughs (800  $\mu$ g/ft<sup>2</sup>) with the exception of locations in Bath, ME and Randolph, MA. It is recommended that the affected areas be cleaned using a phosphate-based detergent and all surfaces in the units should be cleaned using a HEPA filtered vacuum. In addition, several units had relatively high dust levels, although they did not exceed the applicable standard. Consideration should be given to cleaning the affected areas or monitoring dust levels in these units.

#### Soil

• Soil lead levels at units surveyed were below HUD, USCG, and State ALs. Several soil samples had relatively high lead in soil concentrations. Although the lead concentration is less than the applicable criteria for building perimeters and yards (2,000 mg/kg), consideration should be given to limiting access to young children because the lead concentrations are greater than the criteria for play areas and high contact areas for children (400 mg/kg).

#### Water

Lead in drinking water first draw samples were below the EPA National Primary Drinking Water Standard and State ALs of 15 micrograms per liter (µg/L), and the USCG AL of 50 µg/L at all assessed units with the following exceptions: Owls Head, ME, South Portland, ME, and Randolph, ME (9 Army Street). Residents at these locations should be educated to let the tap water run for a period of several minutes prior to consumption. Sampling should be conducted twice a year to monitor lead in drinking water levels. In addition, the flush water sample collected at Hull, MA, 1153 Nantasket Avenue exceeded the EPA National Primary Drinking Water Standard of 15 µg/L. The water at this location should be resampled to confirm the results.

#### Asbestos

- Roofing materials, cove base and mastic, stair tread mastic, vinyl floor tile and mastic, linoleum and mastic, carpet mastic, and caulking were not sampled and are assumed to be ACM for purposes of this report. Assumed materials were observed in all housing units surveyed.
- Sample results indicate ACMs are present in housing units surveyed. Sample results confirm the presence of ACM in friable joint compound (Boothbay Harbor, ME, New Castle, NH and Wakefield, MA, Randolph, MA, and Hull, MA and fissured ceiling tile (South Portland, ME).

• Materials were in good to damaged conditions. It is recommended that intact materials be included in an Asbestos Management Plan. Damaged materials should be abated through removal, proper disposal, and replacement.

Playgrounds

• Three playgrounds were identified (Cape Elizabeth, ME, Wakefield, MA, and Randolph, MA) and assessed. Two of the playgrounds did not contain equipment with painted surfaces and were not assessed for lead-based paint. Painted surfaces tested at one playground located in Randolph, MA were above the HUD and USCG action level of 1.0 mg/cm<sup>2</sup> for lead in paint. Lead concentrations in soil at the three playgrounds containing bare soil were below the HUD and State action levels. There were no sandboxes present, therefore, no playgrounds were assessed for asbestos.

#### Recommended Action Cost Estimate Summary

Cost estimates were developed for recommended actions based on RS Means Building Construction Cost Data, 1999 and ECHOS Environmental Remediation Cost Data, 1998.

Cost estimates for recommended actions are presented on tables for each sample matrix (radon, lead in paint, lead in dust, lead in soil, lead in water, and asbestos), where applicable. The total cost for each sample matrix is presented in the following table:

Matrix	Maine	New Hampshire	Massachusetts
Radon	\$0	\$0	\$4839
Lead in Paint	\$12,307	\$586	\$58,163
Lead in Dust	\$1,260	\$0	\$20,534
Lead in Soil	\$0	\$0	\$0
Lead in Water	\$1,285	\$0	\$1,610
Asbestos	\$5,367	\$1,828	\$24,592
Playgrounds	\$0	\$0	\$0

Lead Inspection / Risk Assessment Report					
Franklin Analytical Services, Inc. 401 Delano Road • Marion, MA 02738 • Tel: (508) 748-3156 • Fax: (508) 748-9713 X-Ray Fluore Model X 43	Page OT				
St.# Address A 930 2400000000000000000000000000000000000	pt.				
Owner Name: USCG AIR STATION CAPE COD	Single Family				
Owner Address: OTIS ANGB	Multi Family				
BARNSTABLE MA Odjad - Jod 7	Condominium				
Client Name (if different from owner): Day Care					
Key:         Inspection         Deleading         Other           A/M         Accessible/Mouthable         CAP         Capped         Comprehensive Inspection           CAP         Capped         COV         Covered         Comprehensive Inspection	tion (Y/N)				
COV         Covered         DIP         Dipped           INT         Intact         ENC         Encapsulated         Comments:           I         Losse         MI         Made Intact         Comments:					
MI Moveable/Impacted PRE Prepared MET Metal REM Removed WEST CHOI	0 L16Ht				
NC     No Coating     REV     Reversed       NC     No Coating     REV     Reversed       NEG     Negative     SCR     Scraped       POS     Positive     VR     Vinyl Replacement       VR     Vinyl Replacement     VR					
Floor# / C Floor# 2 C					
	5				
A (Street Side) A (Street Side)					
Pb (lead) equal to or greater than 1.0 mg/cm <sup>4</sup> with x-ray fluorescence or positive with Na <sub>2</sub> S is Dan $ \begin{array}{c} \hline \text{INSP. DATE} \\ \hline 04 & 13 & 077 \\ \hline 04 & 1$	gerous. (b)(6) & (b)(7)(C) Lic.#				
R. A. DATE       Urgent Lead         Hazards?       (Y or N)         Risk Assessor (print)       Signature         LI/RA RepCov, PrivInsp, 1.0, 7/31/02	Lic.#				
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Page 2 of 17

4/13/04 Date

Risk Assessor (print) Lic # Signature Date									Date					)			
Address of Property 921 Maral St								Apt	ŧ ź		City V//	VE	VAR	D.	HAU	EN	
ROC	M - /		01 1	11/1	110							.,			· · · · · · · · · · · · · · · · · · ·	/	
SIDE	LOCATION/	IEAD	TYPE OF	URG	IC	IC	DELEAD	DELEAD	SIDE	LOCATION	LEAD	TYPE OF	URG	IC	IC	DELEAD	DELEAD
SIDE	SURFACE		HAZARD	HAZ?	DATE	METH	DATE	METH		SURFACE		HAZARD	HAZ?	DATE	METH	DATE	METH
AB	Lie Melle	A1		V						Window Sill	6.4	M/L A/M L N/A	Y				
C D	Up Walls	U.L	AVM L NIA							TAR A STORE OF	0.1	A.M.A. 1. 11/4	v				
C D	Low Walls		A/M L N/A	Y					11	Win Apron	0.5	AVM L NVA	1				
ABCD	Baseboards	4.5	A/M L N/A	Y					D	Win Casing	0.2	A/M L N/A	Y				
A B.	Chair Rail		A/M L N/A	Y					12	Header Stop	NA	M/I A/M L N/A	Y				
-	Radiator		A/M L N/A	Y						Int Stops	0.3	MI A/M L N/A	Y				
	Floor	NK	A/M L N/A	Y						Win Int Sash	0,4	M/I A/M L N/A	Y				
	Ceiling	NIC	A/M L N/A	Y						Exterior Sill	0,4	M/I L N/A	Y.				
-	Door		A/M L N/A	Y						Part Bead	CN	MI L N/A	Y				
C	Door Casing	0,7	A/M L N/A	Y						Blind Stop	0,2	M/I LN/A	Y				
1	Door Jamb	0.6	A/M L N/A	Y						Win Ext Sash	0.7	M/I L N/A	Y				
	Threshold	NIC	A/M L N/A	Y						Window Sill	6.9	M/I A/M L N/A	Y				
-	Door		A/M L N/A	Y						Win Apron	0.6	A/MLN/A	Y				
D	Door Casing	0.2	A/M L N/A	Y						Win Casing	0.5	A/M L N/A	Y				
V	Door Jamb	0,0	A/M L N/A	Y					$\left( 1 \right)$	Header Stop	NA	MI A/M L N/A	Y				
5	Threshold	NR	A/M L N/A	Y					1	Int Stops	0.0	M/I A/M L N/A	Y				
	Door		A/M L N/A	Y						Win Int Sash	0,1	M/I A/M L N/A	Y				
	Door Casing		A/M L N/A	Y						Exterior Sill	0.3	M/I L N/A	Y				
	Door Jamb		A/M L N/A	Y						Part Bead	CON	M/I L N/A	Y				
	Threshold		A/M L N/A	Y						Blind Stop	0.2	M/I L N/A	Y				
	Dool		A/M L N/A	Y						Win Ext Sash	0.0		T				
	Door Casing		A/M L N/A	Y						Closet Door		A/M L N/A	Y				
	Door Jamb		A/M L N/A	Y						Closet lamb			Y				
	I hreshold	6 11		Y						Closet Janib			Y				
	Window Sill	OLY	MI A/M L N/A	Y						CLBsseboard			Y	_			
1	Win Casing	27		Y						Closet Pole		A/M L N/A	Y				
	Header Stop	0	MI AM I N/A	Y						Closet Shelf		A/M L N/A	Y	1			
40	Int Stons	NH K.I	MI A/ML N/A	Y						CI Supports		A/M L N/A	Y				
M	Win Int Sash	23	M/I A/M L N/A	Y						Closet Floor		A/M L N/A	Y				
	Exterior Sill	0.0	MI L N/A	Y						Closet Ceiling		A/M L N/A	Y				
	Part Bead	N	M/I L N/A	Y						Fireplace		A/M L N/A	Y				
	Blind Stop	53	M/I L N/A	Y						Mantle		A/M L N/A	Y				
	Win Ext Sash	24	M/I L N/A	Y								M/I A/M L N/A	Y				
COM	MENTS / STRU	CTURA	L DEFECTS:									M/I A/M L N/A	Y				
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_		EXC	CLUDED SURF	ACES	S: Surfac	ces liste	d in thes	se boxes o	can be	made intact	only b	y a licensed de	eade	r.			
SIDE	LOCATION	N	MEASURE: LC	OSE P	AINT		IC	IC	SIDE	LOCATIO	N	MEASURE: LO	OOSE P	PAINT		IC	IC
			(MORE THAN	288 SC	). IN.)		DATE	METHOD				(MORE THAN	288 S(	Q. IN.)		DATE	METHOD
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SIDE	LOCATION	LEAD	TYPE OF	URG	IC	IC	DELEAD	DELEAD	SIDE	LOCATION	LEAD	TYPE OF	URG	IC	IC	DELEAD	DELEAD
	SURFACE		HAZARD	HAZ?	DATE	METH	DATE	METH	11	SURFACE		HAZARD	HAZ?	DATE	METH	DATE	METH
A B	Up Walls	21	A/M L N/A	Y						Window Sill		MI A/M L N/A	Y				
AB	I nw Walls	p.	A/M L N/A	Y						Win Apron		A/M L N/A	Y				
C D	LOW FECHS	11/		·						Win Casing	-	A/M L N/A	Y				
C D	Baseboards	4.2	A/M L N/A	Y						VYHI Cashig							
C D	Chair Rail		A/M L N/A	Y						Header Stop							
	Radiator	00	A/M L N/A	Y						Win lot Sach			V				
	Floor A	ALLA		Y						Exterior Sill	-	MI LN/A	Y				
-	Door	DIF		Y						Part Bead		M/I L N/A	Y				
~	Door Casing	60	A/M L N/A	Y						Blind Stop		MI L N/A	Y				
A	Door Jamb	0.K	A/M L N/A	Y						Win Ext Sash	-	M/I L N/A	Y				
	Threshold	ATT	A/M L N/A	Y						Window Sill	-	MI A/M L N/A	Y				
-	Door	07	A/M L N/A	Y						Win Apron		A/M L N/A	Y				
0	Door Casing	RZ	A/M L N/A	Y						Win Casing		A/M L N/A	Y				
C	Door Jamb	0.3	A/M L N/A	Y						Header Stop		M/I A/M L N/A	Y				
	Threshold	NK	A/M L N/A	Y						Int Stops		MI A/M L N/A	Y				
	Door		A/M L N/A	Y						Win Int/Sash		M/I A/M L N/A	Y				
	Door Casing		A/M L N/A	Y						Exterior Sill		M/I L N/A	Y				
	Dødr Jamb		A/M L N/A	Y						Part Bead		MI LN/A	Y				
	Threshold		A/M L N/A	Y		1				Blind Stop		MI LN/A	Y				
	Door		A/M L N/A	Y						Win Ext Sash	0.2	MI L N/A	Y				
	Door Casing		A/M L N/A	Y			1.1		the	Closet Door	2.3	A/M L N/A	Y				
	Door Jamb		A/M L N/A	Y						Clocot Jamb	25		T V				
_	I nresnoid	- 2		Y						Closet Walls	0.0		v				
	Window Sill	013		v		_				Cl Baseboard	21	A/M L N/A	Y				1
	Win Casing	010	A/M L N/A	Y						Closet Pole		A/M L N/A	Y				
	Header Stop	NA	MI A/M L N/A	Y			-			Closet Shelf	10.0	A/M L N/A	Y				
D	Int Stops	0.0	MI A/M L N/A	Y			5			CI Supports	10.0	A/M L N/A	Y				
Y	Win Int Sash	0.3	ŴI A/M L N/A	Y						Closet Floor	NA	A/M L N/A	Y				
	Exterior Sill	O.T	MI LN/A	Y						Closet Ceiling	NA	A/M L N/A	Y				
	Part Bead	Cay	M/I L N/A	Y						Fireplace		A/M L N/A	Y				
1	Blind Stop	0.6	M/I L N/A	Y						Mantle		A/M L N/A	Y				
	Win Ext Sash	0.5	M/I L N/A	Y								MI A/M L N/A	Y		-		
COM	MENTS / STRU	ICTUR/	AL DEFECTS:									M/I A/M L N/A	Y				
												M/I A/M L N/A	Y				
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		EX		ACES	Surfa	ces liste	d in the	se hores	an be	made intact	only b	v a licensed de	eade				
SIDE		N	MEASURE 10	OSER	AINT	oco nate	IC	10	SIDE	LOCATIO	N	MEASURE	DOSE	PAINT		IC	IC
	LOOATIO		(MORE THAN	288 SC	), IN.)		DATE	METHOD		Loonino		(MORE THAN	288 S(	2. IN.)		DATE	METHO
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SIL	ELOCATION	LEAD	I THE OF	UA72	DATE	METH	DATE	METH	SIDE	SUPEACE		HAZARD	HA72	DATE	METH	DATE	METH
	SURFACE	_	NACARD	Incer	DATE	MEIN	DATE	1111		CONTRACE							
ĉ	D Up Walls	10,	AML NA	Y						Window Sill	-	WI AVM L N/A					
A C	B Low Walls		A/M L N/A	Y						Win Apron		A/M L N/A	Y				
Â	B Baseboards	10.	AMIL N/A	Y						Win Casing		A/M L N/A	Y				
Å	B Chair Rail		A/M L N/A	Y						Header Stop		M/I A/M L N/A	Y				
ř	Radiator		A/M L N/A	Y						Int Stops		MI AM L N/A	Y				
	Floor A	VIC	A/M L N/A	Y						Win/Int Sash		MI A/M L N/A	Y				
	Ceiling	(A	A/M L N/A	Y						Exterior Sill		MI L N/A	Y				
	Door	0.0	A/M L N/A	Y						Part Bead		M/I L N/A	Y				
	Door Casing	B, C	A/M L N/A	Y						Blind Stop		MI LN/A	Y				
K	Door Jamb	2.1	A/M L N/A	Y						Win Ext Sash		MI L N/A	Y				
6	Threshold		A/M L N/A	Y						Window Sill		MI A/M L N/A	Y				
	Door	0.7	A/M L N/A	Y						Win Apron		A/M L N/A	Y				
	Door Casing	2.5	A/M L N/A	Y						Win Casing		A/M L N/A	Y				
5	Door Jamb	1.1	A/M L N/A	Y						Header Stop		MI A/M L N/A	Y				
(1	Threshold-		A/M L N/A	Y						Int Stops		WI A/M L N/A	Y				
	Door		A/M L N/A	Y						Win Int Sash		M/I A/M L N/A	Y				
	Door Casing		A/M L N/A	Y						Exterior Sill		M/I L N/A	Y				
	Door Jamb		A/M L N/A	Y						Part Bead		MI L N/A	Y				
	Threshold		A/M L N/A	Y		1				Blind Stop		M/I L N/A	Y		1		
	Door		A/M L N/A	Y						Win Ext Sash		M/I L N/A	Y	-			
	Door Casing		A/M L N/A	Y						Closet Door	3.1	A/M L N/A	Y				
	Door Jamb		A/M L N/A	Y						CI Casing	9.8	A/M L N/A	Y				
	Threshold		A/M L N/A	Y						Closet Jamb	31	A/M L N/A	Y			24	
	Window Sill	10	M/ A/M L N/A	Y					1	Closet Walls	10.0	A/M L N/A	Y				
	Win Apron	2.0	AMIL N/A	Y					V	CI Baseboard	10.0	A/M L N/A	Y				
	Win Casing	31	A/M/L N/A	Y						Closet Pole	por	AVM L NIA					
-	Header Stop	NF	NUL ANAL NIA	Y						Closet Snell	5						
14	Int Stops	0.6	NI AM L NA	T V						Closet Eloor	IQ.C		Y Y				
	Exterior Cill	00		v						Closet Ceiling	1.10		Y				
	Dart Road	0.1		v						Firenlace	NH		Y				
	Plind Stop	CM		v						Mantie			Y				
	Win Ext Cash	0.3		v						1 Marine			Y				
-	MAENTS / STOL	CTUR	AL DEEECTO						-								
	MMENTO/OTKU	CION	AL DEFECTS.														
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	1								-			MI A/M L N/A	Y				
(	K .	EX	CLUDED SURF	ACES	S: Surfac	ces liste	d in the	se boxes o	an be	made intact	only b	y a licensed de	eleade	r.			
SID	LOCATIO	N	MEASURE: LO	OSE P	AINT		IC	IC	SIDE	LOCATIO	N	MEASURE: L	OOSE	PAINT		IC	IC
12	10h		(MORE THAN	288 SC	). IN.)		DATE	METHOD				(MORE THAN	1 288 S	Q. IN.)		DATE	METHOD
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AMMY FRANKLIN	(b)(6) & (b)(7)(C)	(b)(6) & (b)(7)(C)	4.13.04
Inspector (print)	Lic #	Signature	Date

Page \_\_\_\_\_ Of \_\_\_\_

Risk Assessor (print) Lic #						Sigr	nature		Date								
Addr	Address of Property 921 MAIN						T.		ŧ	City VINEYARD HAVEN							
ROC	DM 4							5									
SIDE	LOCATION	LEAD	TYPE OF	URG	IC	IC	DELEAD	DELEAD	SIDE	LOCATION/	LEAD	TYPE OF	URG	IC	IC	DELEAD	DELEAD
	SURFACE		HAZARD	HAZ?	DATE	METH	DATE	METH		SURFACE		HAZARD	HAZ?	DATE	METH	DATE	METH
A B	Up Walls	23	A/M L N/A	Y						Window Sill		MI AM L N/A	Y				
AB	Low Walls		A/M L N/A	Y					11	Win Apron		A/M L N/A	Y				
A B	Baseboards	0.	D AMI N/A	Y					1	Win Casing		A/M L N/A	Y				
C D A B	Chair Rail	01		Y						Header Stop		MI A/M L N/A	Y				
C D	Radiator	62	A/M L N/A	Y						Int Stops		MI A/M L N/A	Y		1		
	Floor	110	A/M L N/A	Y						Win Int Sash		MI A/M L N/A	Y				
	Ceiling	VIF	AMLNA	Y						Exterior Sill		MI L N/A	Y				
	Door	D.Y	A/M L N/A	Y						Part Bead		MI L N/A	Y				
X	Door Casing	35	AM L NA	Y						Blind Stop		MI L N/A	Y				
+	Door Jamb	2.1	ANI L N/A	Y						Win Ext Sash		MI L N/A	Y				
	Threshold		A/M L N/A	Y						Window Sill		MI A/M L N/A	Y				
	Door	0.6	AMLNA	Y						Win Apron		A/M L N/A	Y				
P	Door Casing	3.4	AM L N/A	Y						Win Casing		A/M L N/A	Y				
V	Door Jamb	2.8	AM L NA	Y						Header Stop		MI A/M L N/A	Y				
	Threshold	-	A/M L N/A	Y						Int Stops		M/I A/M L N/A	Y				
	Door		A/M L N/A	Y						Win Int Sash		M/I A/M L N/A	Y				
	Door Casing		A/M L N/A	Y						Exterior Sill		M/I L N/A	Y				
	Door Jamb		A/M L N/A	Y						Part Bead		MI L N/A	Y				
	Threshold		A/M L N/A	Y						Blind Stop		M/I LN/A	Y				
	Door		A/M L N/A	Y						Win Ext Sash	0 -7	M/I L N/A	Y				
	Door Casing		A/M L N/A	Y						Closet Door	0,6	A/M L N/A	Y				
	Door Jàmb		A/M L N/A	Y						CI Casing	3.9	A/M L N/A	Y				
	Threshold		A/M L N/A	Y						Closet Jamp	2.5	AVM L N/A	T				
	Window Sill	いや	MI A/M L N/A	Y					D	Closet Walls	10.0		Y				
	Win Apron	19	A/M/L N/A	Y					U	Closet Bole	1010						
	Win Casing	22		v						Closet Shelf	h	AMA I N/A	Y				
R	Int Stops	NIT		Y						CL Supports	AV.	A/M L N/A	Y				
4	Win Int Sash	AT	M/L A/M L N/A	Y						Closet Floor	AN	A/M L N/A	Y				
	Exterior Sill	AK	M/I L N/A	Y						Closet Ceiling	NF	AM L N/A	Y				
	Part Bead	T	M/I L N/A	Y		-				Fireplace		A/M L N/A	Y	F			
	Blind Stop	3.0	M/I L N/A	Y					-	Mantle	1	A/M L N/A	Y				
	Win Ext Sash	04	M/I L N/A	Y							_	M/I A/M L N/A	Y				
COM	MENTS / STRU	CTURA	L DEFECTS:									M/I A/M L N/A	Y				
												M/I A/M L N/A	Y				
												M/I A/M L N/A	Y				
												M/I A/M L N/A	Y				
		EXC	CLUDED SURF	ACES	S: Surfac	es lister	d in these	e boxes o	an be	made intact	only b	y a licensed de	eade	r.			
SIDE	LOCATION	1	MEASURE: LO	OSE P	AINT		IC	IC	SIDE	LOCATIO	N	MEASURE: LO	DOSE P	PAINT		IC	IC
			(MORE THAN	288 SQ	. IN.)		DATE	METHOD				(MORE THAN	288 S(	2. IN.)		DATE	METHOD

AMN FRADELIN	(b)(6) & (b)(7)(C)	(b)(6) & (b)(7)(C)	4-13.04
Inspector (print)	Lic #	Signature	Date

Page 6 01 4

Risk	Assessor (prin	nt)		Lic #		Sigr	ature		Date								
Addr	Address of Property 921 MADIN 5					+		Apt #			City ///	VE	VAR	& A	HAVE	=N	
ROC	OM	-	121		411	200		(d							1		
SIDE	LOCATION	LEAD	TYPE OF	URG	IC	IC	DELEAD	DELEAD	SIDE	LOCATION	LEAD	TYPE OF	URG	IC	IC	DELEAD	DELEAD
SIDE	SURFACE		HAZARD	HAZ?	DATE	METH	DATE	METH		SURFACE		HAZARD	HAZ?	DATE	METH	DATE	METH
A B		0.0		V						Window Sill		M/L A/M L N/A	Y				
C D	Up waits	Or	AMILINA							Min Anna			v				
C D	Low Walls		A/M L N/A	Y						win Apron		AVM L IVA	- 1				
A B C D	Baseboards /	POIL	) AMILN/A	Y						Win Casing		A/M L N/A	Y				
AB	Chair Rail		A/M L N/A	Y						Header Stop		M/I A/M L N/A	Y				
	Radiator	0,0	A/M L N/A	Y						Int Stops		M/I A/M L N/A	Y				
-	Floor	JIC	A/M L N/A	Y						Win Int Sash		M/I A/M L N/A	Y				
	Ceiling	JH	A/M L N/A	Y						Exterior Sill		M/I L N/A	Y.				
	Door	0,0	A/M L N/A	Y						Part Bead		M/I L N/A	Y				
0	Door Casing	3,6	A/M L N/A	Y						Blind Stop		M/I L N/A	Y				
D	Door Jamb	0.8	A/M L N/A	Y						Win Ext Sash	-	M/I L N/A	Y				
	Threshold	-	A/M L N/A	Y						Window Sill		M/I A/M L N/A	Y				
	Door	Q.C	AM L N/A	Υ						Win Apron		A/M L N/A	Y				
0	Door Casing	16.0	ANI L NA	Y						Win Casing		A/M L N/A	Y				
C	Door Jamb	2/1	AMINA	Y						Header Stop		M/I A/M L N/A	Y				-
	Threshold	NH	AML N/A	Y						Int Stops		M/I A/M L N/A	Y				
	Door		A/M L N/A	Y						Win Int Sash		M/I A/M L N/A	Y				
	Door Casing		A/M L N/A	Y						Exterior Sill		M/I L N/A	Y				
	Door Jamb		A/M L N/A	Y						Parl Bead		M/I L N/A	Y				
	Threshold		A/M L N/A	Y		1.0				Blind Stop	1	M/I L N/A	Y				
	Door		A/M L N/A	Y						Win Ext Sash		M/I L N/A	Y				
	Door Casing		A/M L N/A	Y						Closet Door		A/M L N/A	Y				
	Door Jamb		A/M L N/A	Y						CI Casing		A/M L N/A	Y		-		
	Threshold	12	A/M L N/A	Y						Closet Jamb		A/M L N/A	Y		1		
	Window Sill	5,0	MI A/M L N/A	Y						Closet Walls		A/M L N/A	Y				
	Win Apron	2.0	AM L N/A	Y						CI Baseboard		A/M L N/A	Y				
+	Win Casing	3,2	ATM L N/A	Y						Closet Pole		A/M L N/A	Y				
	Header Stop	NHP	WI A/M L N/A	Y						Closet Shelf		A/M L N/A	Y				
Y.	Int Stops	5.1	MI A/ML N/A	Y						CI Supports		A/M L N/A	Y				
	Win Int Sash	Sil	MI A/ML N/A	Y						Closet Floor		A/M L N/A	Y				
	Exterior Sill	516	M/I LN/A	Y						Closet Ceiling		A/M L N/A	Y			-	
	Part Bead	N	M/I LN/A	Y						Fireplace		A/M L N/A	Y				
	Blind Stop	0.1	M/I L N/A	Y						Mantle		A/M L N/A	Y				
	Win Ext Sash	0.7	MI LN/A	Y								M/I A/M L N/A	Y				
CON	IMENTS / STRU	CTURA	AL DEFECTS:									M/I A/M L N/A	Y				
												M/I A/M L N/A	Y				
												M/I A/M L N/A	Y				
		TV		ACL		an links	d in the	o hover		mode intest	onlych	WI A/M L N/A	T Dada				
		EXC	LUDED SURF	ACES	S. Sunac	ces liste	u in mes	e boxes (	ande	made intact	Unity D	y a licensed del	eaue			10	10
SIDE	LOCATIO	N	MEASURE: LC	OSE P	AINT		IC	IC	SIDE	LOCATIO	N	MEASURE: LC	JUSE I			IC DATE	IC
			(MORE THAN	288 SC	2. IN.)		DATE	METHOD		×		(MORE THAN	288 S	J. IN.)		DATE	METHOD
					1												

F	Amy Franklin (b)(6) & (b)(7)(C)						(b)(6) & (b)(7)(C)					4/13/04 Pag				e 2 of 12		
Ins	spector (print)			Lic #	ŧ	Sigr	nature					Date					7	
Ris	Assessor (prir	nt)		Lic#		Sig	nature				471	Date			x			
Add	ress of Propert	y c	721	n	AI.	N	57		Apt	#		City V	1N.	EYA	RD	HA	NER	
KIT	CHEN																	
SID	E LOCATION/	LEAD	TYPE OF	URG	IC	IC	DELEAD	DELEAD	SID	E LOCATION/	LEAD	TYPE OF	URG	IC	IC	DELEAD	DELEAD	
	SURFACE		HAZARD	HAZ	DATE	METH	DATE	METH		SURFACE		HAZARD	HAZ?	DATE	METH	DATE	METH	
	Up Walls	4,4	AMLN	VA Y						Window Sill		M/I A/M L N/A	Y					
A	Low Walls		A/ML N	VA Y					11	Win Apron		A/M L N/A	Y					
A	Baseboards	10.0	AMLN	VA Y					11	Win Casing		A/M L N/A	Y					
A	Chair Rail	1.	A/M L N						11	Header Stop	-	M/L A/M L N/A	Y					
CI	Radiator	-	A/M L N						41	Int Stops	+	M/L A/M L N/A	Y					
	Floor	N	A/M L N	/A Y					11	Win Int Sash		M/I A/M L N/A	Y					
	Ceiling	KH.	A/MLN	A Y					11	Exterior Sill		M/I A/M L N/A	Y					
	Door	0.1	AMLN	/A Y					11	Part Bead		M/I A/M L N/A	Y					
D	Door Casing	0.3	A/MLN	A Y					11	Blind Stop		M/I A/M L N/A	Y					
T	Door Jamb	1.0	A/M L N	/A Y					11	Win Ext Sash		M/I A/M L N/A	Y					
C	Threshold		A/M L N	/A Y						Closet Door	65	A/M L N/A	Y					
	Door	1	A/M L N	A Y					11	CI Casing	1.1	A/M L N/A	Y					
P	Door Casing	0.4	A/M L N	/A Y						Closet Jamb	1,2	A/M L N/A	Y					
0	Door Jamb	0.2	A/M L N	IA Y					$\mathbb{P}$	Closet Walls	4,5	A/M L N/A	Y					
	Threshold	NIC	AMLN	IA Y						CI Baseboard	10.0	A/M L N/A	Y					
	Door		A/MLN	IA Y					11	Closet Pole		A/M L N/A	Y					
1	Door Casing	5.5	A/M L N	A Y					11	Closet Shelf	10.0	A/M L N/A	Y					
$\sim$	Door Jamb	0.6	A/M L N	AY					41	CI Supports	10.0	A/M L N/A	Y					
	Door								41	Closet Floor	ALE	A/M L N/A	Y					
	DoorCasing								╢──	Lin Cab Emmo	111		T					
	Door lamb								11	Cab Door	0,4		T V					
	Threshold		A/M L N	AY					D	Un Cab Walls	61	A/M L N/A	Y					
-	Window Sill		MI A/ML N	AY					11 <sup>y</sup> .	Up Cab Shivs	0.7	A/M L N/A	Y			1.1		
	Win Apron		A/M L N	AY					11	Supports	50	A/M L N/A	Y					
	Win Casing		A/M L N	AY						Low Cab Fram	0.0	A/M L N/A	Y					
	Header Stop		MI AML N	AY						Cab Door	0.1	A/M L N/A	Y					
	Int Stops		M/I A/M L N/	AY					II Y	Low Cab Walls	6.4	A/M L N/A	Y					
	Win Int Sash		M/I A/M L N/	AY					11	Low Cab Shivs	0.3	A/M L N/A	Y	· · · ·				
	Exterior Sill		M/I L N/	AY					11	Supports	0.0	A/M L N/A	Y					
	Part Bead		M/I LN/	AY						Drawers	0.0	A/M L N/A	Y					
	Blind Stop		M/I LN/	A Y			_					M/I A/M L N/A	Y					
	Win Ext Sash		M/I L N/	AY								M/I A/M L N/A	Y					
COM	MENTS / STRUC	TURA	L DEFECTS:									M/I A/M L N/A	Y					
												M/I A/M L N/A	Y					
												M/I A/M L N/A	Y					
		FY		FACE	S. Surfa	nes listo	d in the	e hover	Can be	made intert	onlyb	wa licensed del	eado					
SIDE		LA	MEASUIDE:	OOSE I	DAINT			IC	SIDE		N	MEASUDELLO	Cauel	-		10		
SIDE	LOCATION	1	MORE THA	N 288 S			DATE	METHOD	SIDE	LUCATIO	11	MODE THAN	288 00			DATE	METHOD	
		-	(mone ma	1 200 30			DATE	METHOD				(MORE IMAN	200 30	e. 114.)		DATE	METHOD	
	-					-												
-		-					-											

Amy Franklin	(b)(6) & (b)(7)(C)
Inspector (print)	Lic#

Lic #

Signature

(b)(6) & (b)(7)(C)

H-13-04 Date

Page 8 of 17

Risk Assessor (print) Lic#				Sign	Signature					Date /							
Addr	ess of Property	19	721	m	AIL	1 6	St Apt #					City VI	NE	VAL	XA	(AI) L	N
BAT	HROOM	EÍ	0.1		1110				1				Ganar	Prinz		1100	10
SIDE	LOCATION/	LEAD	TYPE OF	URG	IC	IC	DELEAD	DELEAD	SIDE	LOCATION/	LEAD	TYPE OF	URG	IC	IC	DELEAD	DELEAD
	SURFACE		HAZARD	HAZ?	DATE	METH	DATE	METH		SURFACE		HAZARD	HAZ?	DATE	METH	DATE	METH
A B C D	Up Walls	4.3	A/M L N/A	Y						Low Cab Fram		A/M L N/A	Y				
AB	Low Walls		A/M L N/A	Y						Low Cab Door		A/M L N/A	Y				
A B C D	Baseboards	10,0	A/M L N/A	Y						Low Cab Walls		A/M L N/A	Y				
A B C D	Chair Rail		A/M L N/A	Y						Low Cab Shivs		A/M L N/A	Y				
	Radiator	1	A/M L N/A	Y				×.		Supports		A/M L N/A	Y				
	Floor (	A	A/M L N/A	Y						Drawers		A/M L N/A	Y				
	Ceiling	J#	A/M L N/A	Y						Closet Door		A/M L N/A	Y				
	Door	1,0	A/M L N/A	Y						Closet Casing		A/M L N/A	Y				1.1
N	Door Casing	35	A/M L N/A	Y						Closet Jamb		A/M L N/A	Y				
P	Door Jamb	bil	A/M L N/A	Y						Closet Walls		A/M L N/A	Y				
	Threshold	NIC	A/M L N/A	Y						CI Baseboard		A/M L N/A	Y			102	
	Door		A/M L N/A	Y						Closet Pole		A/M L N/A	Y				
	Door Casing		A/M L N/A	Y						Closet Shelf		A/M E N/A	Y				
	Door Jamb		A/M L N/A	Y						Clos Supports		A/M L N/A	Y				
	Threshold		A/M L N/A	Y						Closet Floor		A/M L N/A	Y				
	Window Sill	1.9	MI) A/M L N/A	Y						Closet Ceiling		A/M L N/A	Y				
	Win Apron	2.0	A/M L N/A	Y								M/I A/M I NA	Y				
	Win Casing	01	A/M L N/A	Y								M/LA/M L NA	Y				
C	Header Stop	ATA	MI AM L NA	Y								M/LA/M L NA	Y			1	
V	Int Stops	2U	M/L A/M L N/A	Y								M/LA/M-LNA	Y				
	Win Int Sash	6th	M/L A/M L N/A	Y								M/LA/M L NA	Y				
	Exterior Sill	0.5	M/L A/M L N/A	Y								M/L A/M L NA	Y		-		
	Part Bead	-N	M/1 A/M 1 N/A	Y								M/L A/M L NA	Y			-	
	Blind Stop	5T	M/L A/M L N/A	Y								M/LA/M L NA	Y				
	Win Ext Sash	A.S	M/L A/M L N/A	Y								M/L A/M L NA	Y				
	Up Cab Frame	0.0	A/M L N/A	Y									Y				
	Un Cab Door			Y									Y		_		
	Up Cab Walk			v							_	MI AM L NA	v				
	Up Cab Shive			Y							_	MUL ADA L NA	v				
	Supports			Y								M/L A/M L NA	Y		-		
-	- apporto		MIL AMA L NUA	V							_		V				
			MI ANAL NIA	V								MI AM L NA	V				
			MI A/MI N/A	Y	-				100			M/L A/M L NA	Y		1		
COM	AENTS / STOLIC	TURA	DEFECTO						0010	IENTO (OTOLI	TUDA	DEFECTO	1				100
COW	ALINIS/SIRUC	TURCAL	DEFECTS:						COM	VIENIS/SIKU(	TURA	DEFECTS:					
								1.1									
														a balance product of the same			
		EX	CLUDED SURF	ACE	S: Surfac	ces liste	d in thes	e boxes o	an be	made intact (	only b	y a licensed del	eader				
SIDE	LOCATION	N	MEASURE: LO	DOSE	PAINT		IC	IC	SIDE	LOCATIO	N	MEASURE: LO	OSE P	PAINT		IC	IC
			(MORE THAN	288 S	Q. IN.)		DATE	METHOD				(MORE THAN	288 SC	2. IN.)		DATE	METHOD
	1.5			_									_				
							-	1.1						0.11			
	LI/RA Re	pBath	1/17/02								-						

AMV	
FRANKL	1N
Inspector (print)	

(b)(6) & (b)(7)(C) ⊔ic# (b)(6) & (b)(7)(C) Signature W-13-04 Date



Risk	Assessor (pri	nt)		Lic #		Sig	nature					Date					
Addr	ess of Property	v	921		mA	10/	57	-	Apt	#		City 1/	NE	VAL	X	HAN	EN
ROC	OM R	1-11	. 41		111	1/1	0/							/		100	L / -
SIDE	LOCATION	LEAD	TYPE OF	URG	IC	IC	DELEAD	DELEAD	SIDE	LOCATION	LEAD	TYPE OF	URG	IC	IC	DELEAD	DELEAD
	SURFACE		HAZARD	HAZ?	DATE	METH	DATE	METH		SURFACE		HAZARD	HAZ?	DATE	METH	DATE	METH
A B	Lis Wells	10		v						Window Sill		M/I A/M I N/A	Y				
C D	Up wais	101							11				· ·				
Ĉ D	Low Walls	Ca	A/M L N/A	Y					11	Win Apron		A/M L N/A	T				
ABCD	Baseboards /	0.0	AMIL NA	Y						Win Casing		A/M L N/A	Y				
AB	Chair Rail	to	A/M L N/A	Y						Header Stop		MI A/M L N/A	Y				
Ť	Radiator	Vis	AMLINA	Y					11	Int Stops		M/I A/M L N/A	Y				
	Floor	N	A/M L N/A	Y					11	Win Int Sash	1	M/I A/M L N/A	Y				
	Ceiling /	VA	A/M L N/A	Y					11	Exterior Sill	K	M/I L N/A	Y.				
	Door	0.2	A/M L N/A	Y					11	Part Bead /		M/I L N/A	Y				
A	Door Casing	2.5	AM L NA	Y						Blind Stop		M/I LN/A	Y				
-	Door Jamb	1.3	AML NA	Y						Win Ext Sash	*	M/I L N/A	Y				
	Threshold	NI	A/M L N/A	Y						Window Sill		MI A/M L N/A	Y				
	Door		A/M L N/A	Y						Win Apron		A/M L N/A	Y				
	Door Casing		A/M L N/A	Y						Win Casing		A/M L N/A	Y				
	Door Jamb		A/M L N/A	Y						Header Stop		M/I A/M L N/A	Y				
	Threshold		A/M L N/A	Y						Int Stops		M/I A/M L N/A	Y				
	Door		A/M L N/A	Y						Win Int Sash	1	M/I A/M L N/A	Y				
	Door Casing		A/M L N/A	Y						Exterior Sill	1	M/I L N/A	Y				
	Door Jamb		A/M L N/A	Y						Part Bead	/	MI L N/A	Y				
	Threshold		A/M L N/A	Y					1	Blind Stop	/	M/I LN/A	Y				
	Door		A/M L N/A	Y						Win Ext Sash		MI LN/A	Y				
	Door Casing		A/M L N/A	Y			10			Closet Door		A/M L N/A	Y				
	Door Jamb		A/M L N/A	Y						CI Casing		A/M L N/A	Y				
	Threshold		A/M L N/A	Y						Closet Jamb		A/M L N/A	Y				
	Window Sill	65	MI A/ML N/A	Y						Closet Walls		A/M L N/A	Y				
	Win Apron	0.6	A/MLN/A	Y						CI Baseboard		A/M L N/A	Y				
	Win Casing	0.4	A/M L N/A	Y						Closet Pole		A/M L N/A	Y				
	Header Stop	NH	MI A/ML N/A	Y						Closet Shelf		A/M L N/A	Y				
	Int Stops	0.0	WI A/M L N/A	Y						CI Supports		A/M L N/A	Y				
	Win Int Sash	0.4		V						Closet Floor			T				
	Dart Paard	0.1		V						Eironlage		AVM L NVA	V			-	
	Part Dead	an		V						Maptio			V				
	Win Ext Conh	0.7		v						Mariue			V				
0014	MENTE (CTDU	J.S	NU DEEECTO					_		1		MAL ADA L MA	V				
COM	OMMENTS/STRUCTURAL DEFECTS:							Χ.,	-			MI AM L NA	V				
													Y				
									-		_	MI A/M L N/A	Y				
		EXC	CLUDED SURF	ACES	S: Surfac	es liste	d in thes	e boxes o	an be	made intact	only b	y a licensed de	eader		_		
SIDE	LOCATION	V	MEASURE: LO	OSE P	AINT	1	IC	IC	SIDE	LOCATIO	N	MEASURE: LO	OSE P	PAINT		IC	IC
			(MORE THAN	288 SO	. IN.)		DATE	METHOD		230/110		(MORE THAN	288 SC	2. IN.)		DATE	METHOD
														,			
		-											-				

A	my Fra	an	din 0	)(6) & (b)	(7)(C)	(b)	)(6)	& (b)	(7)	(C)	4	- 13.04			Page/_	0 of 1	7
Insp	ector (print)			Lic #		Signa	ature					Jale					
Pick	Assessor (prin	(†)		Lic#		Sign	ature					Date			<b>`</b>		
Addr	ess of Property	, 0	721	m	211	]	5+		Apt #	6		City V	IN	EVA	RD	HA	Wer
HAL	LWAY		101	111	MIN		07.							-/			
SIDE	LOCATION/	LEAD	TYPE OF	URG	IC	IC	DELEAD	DELEAD	SIDE	LOCATION/	LEAD	TYPE OF	URG	IC	IC	DELEAD	DELEAD
	SURFACE		HAZARD	HAZ?	DATE	METH	DATE	METH		SURFACE		HAZARD	HAZ?	DATE	METH	DATE	METH
AB	Up Walls	10.0	A/MLN/A	Y						Window Sill		M/I A/M L N/A	Y				
AB	Low Walls		A/M L N/A	Y						Win Apron		A/M L N/A	Y				
AB	Baseboards	100	A/MI N/A	Y						Win Casing		A/M L N/A	Y				
C D A B	Chair Ball	101		Y						Header Stop		M/I A/M L N/A	Y				
CD	Radiator		A/M L N/A	Y						Int Stops		M/I A/M L N/A	Y				
3	Floor (	VIC	A/M L N/A	Y						Win Int Sash		M/I A/M L N/A	Y				
	Ceiling /	UT4	A/M L N/A	Y						Exterior Sill		M/I A/M L N/A	Y				
	Door	0.2	A/M L N/A	Y		1.0				Part Bead		M/I A/M L N/A	Y				
A	Door Casing	3.5	A/M L N/A	Y						Blind Stop		M/I A/M L N/A	Y				
a	Door Jamb	4.0	A/M L N/A	Y						Win Ext Sash		M/I A/M L N/A	Y				
2	Threshold		A/M L N/A	Y						Closet Door	0.2	A/M L N/A	Y				
	Door	0.3	A/M L N/A	Y						CI Casing	6.0	A/M L N/A	Ŷ				
P	Door Casing	Oit	A/M L N/A	Y						Closet Jamb	Bil	A/M L N/A	Y				
Door Casing Door Jamb Threshold Door	Door Jamb	Dil	A/M L N/A	Y					B	Closet Walls	5,1		V	_			
	<u> </u>		T						Closet Pate	101		Y	1				
2	Door Casing	DM		T V					1	Closet Shelf	6.0		Y				
B	Door Jamb	2,0	A/M L N/A	Y						CI Supports	6.6	A/M L N/A	Y				
E	Threshold	011	A/M L N/A	Y						Closet Floor	DIC	A/M L N/A	Y	4			
-	Door	6.1	A/M L N/A	Y	100					CI Ceiling	NH	A/M L N/A	Y			1.4	
2	Door Casing	2.5	AM L N/A	Y						Closet Door	Oic	A/M L N/A	Y				
2	Door Jamb	a.Y	AM L NA	Y						CI Casing	6.5	A/M L N/A	Y				
(4)	Threshold	1	A/M L N/A	Y						Closet Jamb	Die	A/MLN/A	Y				1.4
1	Door	0,3	A/M L N/A	Y					F	Closet Walls	4.3	A/M L N/A	Y				
C	Door Casing	2.1	AM L N/A	Y						CI Baseboard	NIF	A/M L N/A	Y	_			
	Door Jamb	9.3	AM/L N/A	Y						Closet Pole	OK	A/M L N/A	Ŷ				
	Threshold	NK	A/M L N/A	Y						Closet Sher			T V				
	Window Sill		MI A/ML N/A	Y						Closet Floer	17						
	Win Apron	-		Y				· · ·	1	Cl Ceiling	NIF	A/M L N/A	Y				
	Header Ston			Y					D	ON N	02	M/L A/M L N/A	Y				
	Int Stops		M/I L N/A	Y					K	Casil	2.3	MI) AMÍ) L N/A	Y				
	Win Int Sash		M/I L N/A	Y						Tamb	ar	M) AM L N/A	Y				
	Exterior Sill		MI A/ML N/A	Y					COM	MENTS / STRU	CTURA	L DEFECTS:					
	Part Bead		MI A/M L N/A	Y													
	Blind Stop		MI AM L N/A	Y													
	Win Ext Sash		M/I A/M L N/A	Y					L								
	1	EX	CLUDED SURF	ACE	S: Surfa	ces liste	d in thes	se boxes o	an be	made intact	only b	y a licensed de	leade	r.			
SIDE	LOCATIO	MEASURE: LO	PAINT		IC	IC	SIDE	LOCATIO	N	MEASURE: LO	OOSE	PAINT		IC	IC		
			(MORE THAN	288 S	Q. IN.)	_	DATE	METHOD				(MORE THAN	288 S	u. IN.)		DATE	METHOD

LI/RA RepRoom, 8/6/02
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S	IDE	LOCATION	LEAD	TYPE OF	URG	IC	IC	DELEAD	DELEAD	SID	LOCATION/	LEAD	TYPE OF	URG	IC	IC	DELEAD	DELEAD
		SURFACE		HAZARD	HAZ?	DATE	METH	DATE	METH		SURFACE		HAZARD	HAZ?	DATE	METH	DATE	METH
	B	Up Walls	4,3	A/M L N/A	Y						Window Sill		M/I A/M L N/A	Y				
SID A CA C	B	Low Walls		A/M L N/A	Y						Win Apron		A/M L N/A	Y				
	B	Baseboards	10.	AM L N/A	Y					1	Win Casing		A/M L N/A	Y				
Ā	B	Chair Rail		A/M L N/A	Y					11	Header Stop		M/I A/M L N/A	Y				
F		Radiator	6.1	A/M L N/A	Y					11	Int Stops		M/I A/M L N/A	Y				
		Floor	CON	A/M L N/A	Y					11	Win Int Sash		M/I A/M L N/A	Y				
		Ceiling	NH	AM L N/A	Y					11	Exterior Sill		M/I L N/A	Y				
		Door		A/M L N/A	Y					11	Part Bead		M/I L N/A	Y				
	N	Door Casing	2.5	A/M L N/A	Y					11	Blind Stop		M/I L N/A	Y				
0		Door Jamb	0.3	A/M L N/A	Y					11	Win Ext Sash	1	M/I LN/A	Y				
		Threshold	NAF	A/M L N/A	Y				1		Window Sill		M/I A/M L N/A	Y				
		Door	0.2	AM L N/A	Y					1	Win Apron		A/M L N/A	Y				
1	2	Door Casing	6.5	A/M L N/A	Y						Win Casing		A/M L N/A	Y				
t	2	Door Jamb	5.1	AM L N/A	Y						Header Stop		M/I A/M L N/A	Y				
	ľ	Threshold	19	AME N/A	Y						Int Stops		M/I A/M L N/A	Y				
Г		Door	0.2	A/M L N/A	Y						Win Int Sash		M/I A/M L N/A	Y				
1	7	Door Casing	0.4	A/M L N/A	Y						Exterior Sill		M/I L N/A	Y				
	/[	Door Jamb	0,0	A/M L N/A	Y						Part Bead		M/I L N/A	Y				
		Threshold	NIC	A/M L N/A	Y						Blind Stop		M/I L N/A	Y				
	1	Door	0,2	A/M L N/A	Y						Win Ext Sash		M/I LN/A	Y				
01	5	Door Casing	6.1	A/M L N/A	Y						Closet Door		A/M L N/A	Y				
0	[	Door Jamb	6.0	A/M L N/A	Y						CI Casing		A/M L N/A	Y				
	1	Threshold	NIC	/ A/M L N/A	Y						Closet Jamb		A/M L N/A	Y				
Г	ľ	Window Sill	341	M/I A/M L N/A	Y						Closet Walls		A/M L N/A	Y				
	V	Win Apron	3.6	A/M L N/A	Y						CI Baseboard		A/M L N/A	Y				
	V	Win Casing	3.5	A/M L N/A	Y						Closet Pole		A/M L N/A	Y				
	t	Header Stop	NA	M/I A/M L N/A	Y						Closet Shelf		A/M L N/A	Y				
	1	nt Stops	5,2	M/I A/M L N/A	Y						CI Supports		A/M L N/A	Y				
	V	Win Int Sash	0.0	M/I A/M L N/A	Y				1		Closet Floor		A/M L N/A	Y				
	E	Exterior Sill	3.4	M/I L N/A	Y						Closet Ceiling		A/M L N/A	Y				
	P	Part Bead	N	M/I L N/A	Y						Fireplace		A/M L N/A	Y				
	B	Blind Stop	1.1	M/I L N/A	Y						Mantle		A/M L N/A	Y				
	V	Vin Ext Sash	5,5	M/I L N/A	Y	-							M/I A/M L N/A	Y		19		
CO	DMM	MENTS / STRUC	CTURA	L DEFECTS:									M/I A/M L N/A	Y				
													M/I A/M L N/A	Y				
													M/I A/M L N/A	Y				
L			EVO					in the					M/I A/M L N/A	Y				
0.0		10017101	EXC	LUDED SURF	AUES	Surrace	es listed	in these	e Doxes C	an be	made intact o	only by	a licensed del	eader				
SIL		LUCATION		MEASURE: LOO	JSE PA			IC	IC	SIDE	LOCATION	N	MEASURE: LO	OSE P	AINT		IC	IC
-	+		_	(MORE THAN 2	08 SQ.	IN.)		UATE	METHOD				(MORE THAN	288 SC	l. IN.)		DATE	METHOD
-																		
	-																	

421

Lic#

Lic #

MAIN

Inspector (print)

Risk Assessor (print)

Address of Property

ROOM

(b)(6) & (b)(7)(C)

Signature

57

Apt #

Date

Date

City VINE

4-13.0

Page \_// of \_/7

A	Amy Franklin (b)(0) & (b)(7)(C)						)(6)	& (b)	(7)	(C)	4	1/13/04	e		Page	20f/	1
Insp	ector (print)			Lic #	-11. A. I.	Signa	ature	-		- <sup>K</sup>	[	Date					
	and a second						21	,									
Risk	Assessor (prin	nt)		Lic #		Sigr	nature					Date	1 41-	-100	× /	1 n.	
Addr STA	ess of Property IRCASE	y 9	21 1	hA	IN.	ST	+		Apt #	ŧ		City	NE	Y MR	0 11	HUE	
SIDE	LOCATION/	LEAD	TYPE OF	URG	IC	IC	DELEAD	DELEAD	SIDE	LOCATION/	LEAD	TYPE OF	URG	IC	IC	DELEAD	DELEAD
	SURFACE		HAZARD	HAZ?	DATE	METH	DATE	METH		SURFACE		HAZARD	HAZ?	DATE	METH	DATE	METH
A B C D	Up Walls	10,	A/M L N/A	Y						Closet Door		A/M L N/A	Y				
AB	Low Walls		A/M L N/A	Y						CI Casing		A/M L N/A	Y		1		
A B	Baseboards	10,	A/MLN/A	Y						Closet Jamb		A/M L N/A	Y				
AB	Chair Rail		A/M L N/A	Y						Closet Walls		A/M L N/A	Y				
CD	Radiator	6.0	A/M L N/A	Y						CI Baseboard		A/M L N/A	Y				
	Floor	UTC	A/M L N/A	Y						Closet Pole		A/M L N/A	Y				
	Ceiling A	JIA	A/M L N/A	Y						Closet Shelf		A/M L N/A	Y				
	Door	0,3	A/M L N/A	Y						CI Supports		A/M L N/A	Υ				
K	Door Casing	0.6	A/M L N/A	Y						Closet Floor		A/M L N/A	Y				1
P	Door Jamb	0.5	A/M L N/A	Y						Closet Ceiling		A/M L N/A	Y				
	Threshold	DIC	A/M L N/A	Y						Newel Post	J.C	A/M L N/A	Y				
	Door	0.2	A/M L N/A	Y						Railing Cap	0.3	A/M L N/A	Y				
P	Door Casing	3.5	A/M L N/A	Y						Handrail	Din	A/M L N/A	Y				
M	Door Jamb	41	A/M L N/A	Y						Balusters	D'1	A/M L N/A	Y				
	Threshold	NIC	A/M L N/A	Y					-	Lower rail	0.7	A/M L N/A	Y				
	Door	0,2	A/M L N/A	Y						Treads	Dic	A/M L N/A	Y				
C	Door Lamb	9,0		Y						Stringer	10.0						
1	Threshold	D11	A/M L N/A	Y						Door	10.	A/M L N/A	Y			-	
	Door	Di P	A/M L N/A	Y						Door Casing		A/M L N/A	Y				
D	Door Casing	37	A/M L N/A	Y	7					Door Jamb		A/M L N/A	Y				
P	Door Jamb	0,1	A/M L N/A	Y						Threshold		A/M L N/A	Y				
	Threshold		A/M L N/A	Y						Floor Casing		A/M L N/A	Y				
	Door		A/M L N/A	Y						/		M/I A/M L N/A	Υ				
	Door Casing		A/M L N/A	Y								M/I A/M L N/A	Υ				
	Door Jamb		A/M L N/A	Y								M/I A/M L N/A	Y				
	Threshold		A/M L N/A	Y				4				M/I A/M L N/A	Y				
	Window Sill	19	MI AML N/A	Y								M/I A/M L N/A	Y				
	Win Apron	XIU	AMIL N/A	Y								MI AM L NA	Y	-	2		
6	Header Stop	XI	MI AM L N/A	Y								M/I A/M I N/A	V				
P	Int Stops	NI	MI AM I N/A	Y					COM	MENTS / STRU	CTURA	DEFECTS					
	Win Int Sash	67	MI AM L N/A	Y					000	In Little / Office	ororea						
	Exterior Sill	33	MI A/M L N/A	Y													
	Part Bead	0.1	M/I A/M L N/A	Y											0		
	Blind Stop	6.0	M/I A/M L N/A	Y													
Win Ext Sash MI A/M L N/A Y																	
EXCLUDED SURFACES: Surfaces						ces liste	d in the	se boxes o	an be	made intact	only b	y a licensed de	leade	r.			
SIDE	SIDE LOCATION MEASURE: LOOSE PAINT							IC	SIDE	LOCATIO	N	MEASURE: LO	DOSE I	PAINT		IC	IC
		(MORE THAN 288 SQ. IN.)						METHOD	1			(MORE THAN	288 S	Q. IN.)		DATE	METHOD
												22		~			

LI/RA RepStair, 1/17/02

A	my Fra	ant	ĺn □	)(6) & (b)	(7)(C)	(b	)(6)	& (b)	(7)	(C)	4	1-13.04	l		Page	30F/	1
Insp	ector (print)			Lic #		Signa	ature				Ę	Date			· ugo <u>r</u>		
Risk	Assessor (prin	nt)		Lic #		Sign	ature					Date					/
Add	ess of Property	, e	921	MA	10	51			Ant #	ł		City 1/1	NE	VAR	N A	4AU	FN
STA	IRCASE	+1)	6 ASE	-m	EAF	F			Apr #			Oity (7)	ve	1112	2 1.	1110	
SIDE	LOCATION	LEAD	TYPE OF	LURG		IC			SIDE	LOCATION/	IEAD	TYPE OF	URG	IC	IC		DELEAD
GILL	SURFACE	LEAD	HATARD	HA72	DATE	METH	DATE	METH		SURFACE		HAZARD	HA72	DATE	METH	DATE	METH
A B	Lin Walls	BE		V	DATE	me m	DATE.			Closet Door		A/M L N/A	Y				
C D A B	Low Walls		A/M L N/A	Y						CI Casing	-	A/M L N/A	Y		•		
C D A B	Baseboards	-	A/M L N/A	Y						Closet Jamb		A/M L N/A	Y				
AB	Chair Rail		A/M L N/A	Y						Closet Walls		A/M L N/A	Y				
	Radiator	11	A/M L N/A	Y						CI Baseboard		A/M L N/A	Y				
	Floor h	AIC	A/M L N/A	Y						Closet Pole		A/M L N/A	Y				
	Ceiling		A/M L N/A	Y						Closet Shelf		A/M L N/A	Y				
	Door	0.2	A/M L N/A	Y						CI Supports		A/M L N/A	Y				
12	Door Casing	0.4	A/M L N/A	Y						Closet Floor		A/M L N/A	Y				
V	Door Jamb	01)	A/M L N/A	Y						Closet Ceiling		A/M L N/A	Y				
1	Threshold	N	A/M L N/A	Y						Newel Post		A/M L N/A	Y				
	Door	0,0	A/M L N/A	Y						Railing Cap		A/M L N/A	Y				
D	Door Casing	NHA	A/M L N/A	Y						Handrail	0,6	A/M L N/A	Y				
У	Door Jamb	NH	AM L N/A	Y						Balusters		A/M L N/A	Y				
-	Threshold		A/M L N/A	Y						Lowervalia	10.4	A/M L N/A	Y			14-	
	Door		A/M L N/A	Y						Treads	10.0	A/M L N/A	Y				
	Door Casing		A/M L N/A	Y						Risers	10,0	A/M L N/A	Y				
	Door Jamb		A/M L N/A	Y						Stringer	1	A/M L N/A	Y				
	Threshold		A/M L N/A	Y						Door		A/M L N/A	Y				
	Door		A/M L N/A	Y					$f_{i}$	Door Casing		A/M L N/A	Y				
	Door Casing		A/M L N/A	Y						Door Jamb		A/M L N/A	Y				
	Door Jamb		A/M L N/A	Y						Threshold		A/M L N/A	Y				
	Threshold		A/M L N/A	Y						Floor Casing		A/M L N/A	Y				
	Door		A/M L N/A	Y						/		M/I A/M L N/A	Y				
	Door Casing		A/M L N/A	Y								M/I A/M L N/A	Y				
-	Door Jamb		A/M L N/A	Y								M/I A/M L N/A	Y				
	Threshold		A/M L N/A	Y								M/I A/M L N/A	Y				
	Window Sill		M/I A/M L N/A	Y								M/I A/M L N/A	Y				
	Win Apron	0	A/M L N/A	Y								M/I A/M L N/A	Y				
	Win Casing	R	A/M L N/A	Y								M/I A/M L N/A	Y				
	Header Stop \	OY.	M/I A/M L N/A	Y								M/I A/M L N/A	Y				110
	Int Stops	5	M/I A/M L N/A	Y					COM	MENTS / STRU	CTURA	L DEFECTS:					1.1
	Win Int Sash	5	M/I A/M L N/A	Y													
	Exterior Sill	~	M/I A/M L N/A	Y													
	Part Bead		M/I A/M L N/A	Y													
Blind Stop MI A/M L N/A Y																	
Win Ext Sash MI A/M L N/A Y									-						22		
EXCLUDED SURFACES: Surfaces li						ces liste	d in thes	e boxes o	can be	made intact	only b	y a licensed de	leade	r.			
SIDE LOCATION MEASURE: LOOSE PAINT						IC	IC	SIDE	LOCATIC	<b>N</b>	MEASURE: LO	DOSE I	PAINT		IC	IC	
	(MORE THAN 288 SQ. IN.)						DATE	METHOD				(MORE THAN	288 S	2. IN.)	-	DATE	METHOD
			1														

Amy	Frankli
Inspector (p	orint)

Signature

(b)(6) & (b)(7)(C)

Lic #

(b)(6) & (b)(7)(C)

4.13.04 Date

Page 40f 17

Risk	Assessor (prin	nt)		Lic#		Sigr	nature					Date					2
Addr	ess of Property	9	721 1	10	11	5+		-	Apt	ŧ		City 1/1	NIC	VAI	11	HAN	41
EXT	ERIOR	-/	011 111			07	•				-		VE	9111	9	11-10	-70
SIDE	LOCATION/	LEAD	TYPE OF	URG	IC	IC	DELEAD	DELEAD	SIDE	LOCATION/	LEAD	TYPE OF	URG	IC	IC	DELEAD	DELEAD
A	SURFACE		HAZARD	HAZ?	DATE	METH	DATE	METH	A	SURFACE		HAZARD	HAZ?	DATE	METH	DATE	METH
	Siding	7	A/M L N/A	Y					╢──	Window Sill		A/M L N/A	Y				
	Corner Boards	14		· v						Win Casing			v		-		
A	Lower Trim			Y				1	11 🖺	Window Sash			v				
	Linner Trim	10		v						Mindow Cill			· ·				
	Win Above 5'	11-		T V						Window Sill		A/M L N/A	T				
	Domb Above 5			T V					1 ^	Win Casing		A/M L N/A	Y				
	Pordi Above 5	- N	AVM L N/A	T						Window Sash		A/M L N/A	Ŷ				
	Storm Door	20	A/M L N/A	Y					11.	Cellar Win Sill	6,6	A/M L N/A	Y				
	Door	2.1	A/M L N/A	Y			-		A	Cel Win Sash	0,3	A/M L N/A	Y				
A	Door Casing	0.5	A/M L N/A	Y						Cel Win Frame	0,1	A/M L N/A	Y				
	Door Jamb	71	A/M L N/A	Y					1	Cellar Win Sill		A/M L N/A	Y				
	Threshold	2,9	A/M L N/A	Y					A	Cel Win Sash		A/M L N/A	Y				
	Kickplate		A/M L N/A	Y						Cel Win Frame		A/M L N/A	Y				
	Storm Door		A/M L N/A	Y						Cellar Win Sill		A/M L N/A	Y				
	Door		A/M L N/A	Y					A	Cel Win/Sash		A/M L N/A	Y				
A	Door Casing		A/M L N/A	Y					11	Cel Win Frame		A/M L N/A	Y				
	Door Jamb		A/M L N/A	Y						Cellar/Win Sill		A/M L N/A	Y				
	Threshold		A/M L N/A	Y					A	Cel Win Sash		A/M L N/A	Y				
	Kickplate		A/M L N/A	Y						Cel Win Frame		A/M L N/A	Y	1			
	Door		A/M L N/A	Y						Foundation	6 a	A/M L N/A	Y		-	_	
A	Door Casing		A/M L N/A	Y					A	Bulkhead	2,-1	A/M L N/A	Y		P		
-	Door Jamb		A/M L N/A	Y						Ferices	RI	A/M L N/A	Y				
	Threshold		A/M L N/A	Y		-				Shutters	0	A/M L N/A	Y				
	Door		A/M L N/A	Y						Newel post	0.0		·		_		
A	Door Casing			Y						Pailing Can	DIL		v				
	Door lamb			v		_				Kanny Cap Handmil	OIX		T				
	Threshold	-		v l						Dehutem	20		T				
_	Mindaw Cill			T		_		_	^	balusters		A/M L N/A	Ť		_		
	Window Sill	5.0	A/M L N/A	Y						Lower Rail		A/M L N/A	Y				
A	Win Casing	).7	A/M L N/A	Y						Treads	2,0	A/M L N/A	Y				
	Window Sash	X	A/M L N/A	Y						Risers	0.3	A/M L N/A	Y				
	Window Sill		A/M L N/A	Y						Stringer	0.2	A/M L N/A	Y				
A	Win Casing		A/M L N/A	Y						FLOOV	2.5	A/M L N/A	Y				
	Window Sash		A/M L N/A	Y						allin	NA	A/M L N/A	Y				
COMN	IENTS / STRUCT	TURA	L DEFECTS:	-								A/M L N/A	Y				
									A			A/M L N/A	Y				
												A/M L N/A	Y				
												A/M L N/A	Y				
	Excluded S	Surfa	ces: Surfaces l	isted	in this bo	ox can b	e made					Soil Test	Resu	Its			
		int	act only by a lie	cense	d delea	der				(Must be les	s than	400 ppm for pl	av ar	a / 1200	) ppm fr	or bare s	oil)
SIDE	LOCATION	T	MEASUP	.100	SE PAINT		10	IC		OCATION	- arruel	AREAMEACUD	EMEN	IT	DECUNT	DEMED	PENED
A	LUONITON		(MORE TH	AN 14	40 SO IN		DATE	METH		COATION		(Sauce Francisco	ENTER		/DDL	DATE	METH
A		-	(MORE IN	-11 14	40 GG. IN.	.,	UNIC	METH	-			( Square ree	n.)		(PPM)	DATE	METH
~		-								riay Area	at	*					
~		_							-	bare soil			_				
A	1	_							C	omments:							
A							1.84		1								

LI/RA RepExtA, 1/17/02

Amy	Franklin
Inspector (p	rint)

(b)(6) & (b)(7)(C) Lic#

Signature

(b)(6) & (b)(7)(C)





Risk	Assessor (print)		Lic#		Sign	ature				Date					1	
Add	ess of Property 9	21 11	nA	21)	5	+		Apt#	ł		City V /	NE	YAR	S	HAU	EN
EXT	ERIOR												-			
SIDE	LOCATION/ LEAD	TYPE OF	URG	IC	IC	DELEAD	DELEAD	SIDE	LOCATION/	LEAD	TYPE OF	URG	IC	IC	DELEAD	DELEAD
В	SURFACE	HAZARD	HAZ?	DATE	METH	DATE	METH	В	SURFACE		HAZARD	HAZ?	DATE	METH	DATE	METH
F	Siding A U	A/M L N/A	Y						Window Sill		A/M L N/A	Y				
	Comer Boards	A/M L N/A	Y					В	Win Casing		A/M L N/A	Y				
В	LowerTrim	A/M L N/A	Y						Window Sash		A/M L N/A	Y				
		A/M L N/A	Y						Window Sill		A/M L N/A	Y				
	Win Above 5'	A/M L N/A	Y					в	Win Casing		A/M L N/A	Y				
	Porch Above 5	A/M L N/A	Y						Window Sash		A/M L N/A	Y				
$\vdash$	Storm Door		Y				_		Cellar Win Sill	-	A/M L N/A	Y				
	Door		Y					В	Cel Win Sash		A/M L N/A	Y				
В	Door Casing IS 2		Y						Cel Win Frame		A/M L N/A	Y				
-	Door lamb		Y						Cellar Win Sill		A/M L N/A	Y				
	Threshold		· v					В	Cel Win Sash		A/M L N/A	Y				-
	Kickolate		Y					-	Cel Win Frame		A/M L N/A	Y				
⊢	Storm Door		·						Cellar Win Sill		A/M L N/A	Y				
	Door		V					в	Cel Win Sash		A/M L N/A	Y				
R	Door Casing							l	Cel Win Frame		A/M L N/A	Y				
	Deer lamb								Cellar Win Sill		A/M L N/A	Y				
	Throshold							B	Cel Win Sash			Y				
	Kickplate		V						Cel/Win Erame		A/M L N/A	Y				
⊢	Door								Eoundation		A/M L N/A	Y				
B	Deor Casing		Y					в	Bulkhead	p.p	A/M L N/A	Y				
	Door lamb		Y						Fences		A/M L N/A	Y				
	Threshold	A/M L N/A	Y						Shutters		A/M L N/A	Y				
⊢	Door		Y						Newel post	1	A/M L N/A	Y				
B	Door Casing		Y					18	Railing Cap	Pil	A/M L N/A	Y				
	Doot lamb	A/M L N/A	Y						Handrail	14	A/M L N/A	Y				
	Threshold	A/M L N/A	Y					В	Balusters	P.0	A/M L N/A	Y				
	Window Sill	A/M L N/A	Y						Lower Rail	-	A/M L N/A	Y				
в	Win Casing	A/M L N/A	Y						Treads	17	A/M L N/A	Y				
	Window Sash	A/M L N/A	Y						Risers	51	A/M L N/A	Y				
-	Window Sill	A/M L N/A	Y						Stringer	6.6	A/M L N/A	Y				
В	Win Casing	A/M I N/A	Y							10	A/M L N/A	Y				
	Window Sash	A/M L N/A	Y							-	A/M L N/A	Y				
COM	MENTS / STRUCTURA	DEFECTS									A/M L N/A	Y				
								в			A/M L N/A	Y				
									-	A/M L N/A	Y					
											A/M L N/A	Y				
	Excluded Surfa	ces: Surfaces	listed	in this h	ox can	be made					Soil Tes	t Res	ults	1		
	in	tact only hy a l	ss tha	n 400 ppm for r	play a	rea / 120	00 ppm	for bare	soil)							
SIDE	LOCATION	MEASUE	EIO	OSE DAIN	T	IC			OCATION	I	AREA MEASU	REME	INT	RESULT	REMED	REMED
R	LOOATION	(MORE T	HAN 1	440 SO II	4)	DATE	METH				( Souare Fe	et)		(PPM)	DATE	METH
B		(NORE II		10 04.1		BATE		-	Play Area	-	( squars i e	,		(		
B									Bare soil	-						
B							_		Comments:							
0																

LI/RA RepExtB, 1/17/02

В

Amy Franklin	(b)(6) & (b)(7)(C)	(b)(6) & (b)(7)(C)	1
Inspector (print)	Lic #	Signature	

H-13.04 Page/6 of 17 Date

RISK	Assessor (pni	nt)		LIC#		Sigi	nature					Date					1
Add	ress of Property	19	al M.	AI.	N	5%.			Apt	#		City VIN	EV	ARD	#	AVE	N
EXT	ERIOR																
SID	LOCATION/	LEAD	TYPE OF	URG	IC	IC	DELEAD	DELEAD	SIDE	LOCATION/	LEAD	TYPE OF	URG	IC	IC	DELEAD	DELEAD
C	SURFACE		HAZARD	HAZ?	DATE	METH	DATE	METH	С	SURFACE		HAZARD	HAZ?	DATE	METH	DATE	METH
F	Siding (	1.0	A/M L N/A	Y						Window Sill		A/M L N/A	Y				
	Comer Boards	1	A/M L N/A	Y		<u> </u>			С	Win Casing		A/M L N/A	Y				
С	Lower Trim		A/M L N/A	Y						Window Sash		A/M L N/A	Y				
	Upper Trim	ŇH	A/M L N/A	Y						Window Sill		A/M L N/A	Y				
	Win Above 5'	PT.	A/M L N/A	Y					С	Win Casing		A/M L N/A	Y	_			
	Porch Above 5	-	A/M L N/A	Y						Window Sash		A/M L N/A	Y				
	Storm Door	-	A/M L N/A	Y						Cellar Win Sill		A/M L N/A	Y				
	Door	-	A/M L N/A	Y					С	Cel Win Sash		A/M L N/A	Y				
С	Door Casing	-	A/M L N/A	Y						Cel Win Frame		A/M L N/A	Y				
	Door Jamb	-	A/M L N/A	Y						Cellar Win Sill		A/M L N/A	Y				
	Threshold	-	A/M L N/A	Y					С	Cel Win Sash		A/M L N/A	Y				
	Kickplate	-	A/M L N/A	Y						Cel Win Frame		A/M L N/A	Y				
	Storm Door		A/M L N/A	Y						Cellar Win Sill		A/M L N/A	Y				
	Door /		A/M L N/A	Y					С	Cel/Win Sash		A/M L N/A	Y				
С	Door Casing		A/M L N/A	Y						Cel Win Frame		A/M L N/A	Y				
	Door Jamb		A/M L N/A	Y						Cellar Win Sill		A/M L N/A	Y				
	Threshold	-	A/M L N/A	Y					С	Cel Win Sash		A/M L N/A	Y				
	Kickplate		A/M L N/A	Y						Cel Win Frame		A/M L N/A	Y				
	Door		A/M L N/A	Y						Foundation	57	A/M L N/A	Y				
C	Door Casing		A/M L N/A	Y					С	Bulkhead	DIC	A/M L N/A	Y				
	Door Jamb		A/M L N/A	Y						Fences		A/M L N/A	Y				
	Threshold		A/M L N/A	Y						Shutters		A/M L N/A	Y				
-	Door		A/M L N/A	Y						Newel post		A/M L N/A	Y				
С	Door Casing		A/M L N/A	Y						Railing Cap		A/M L N/A	Y				
	Door Jamb	-	A/M L N/A	Y						Handrail		A/M L N/A	Y				
	Threshold		A/M L N/A	Y					С	Balusters		A/M L N/A	Y				
	Window Sill		AMLN/A	Y						Lower Rail		A/M L N/A	Y				
С	Win Casing	D	A/M L N/A	Y						Treads		A/M L N/A	Y				
	Window Sash	B	A/M L N/A	Y		~				Risers		A/M L N/A	Y				
	Window Sill	-	A/M L N/A	Y						Stringer		A/M L N/A	Y				
С	Win Casing		A/M L N/A	Y								A/M L N/A	Y				
	Window Sash		A/M L N/A	Y	1							A/M L N/A	Y	-			
COM	MENTS / STRUC	TURA	L DEFECTS:		7	1					-	A/M L N/A	Y				
									С			A/M L N/A	Y	7			
												A/M L N/A	Y				
												A/M L N/A	Y				
	Excluded	Surfa	ices: Surfaces I	isted	in this b	ox can b	e made					Soil Test	Resu	ilts			
		in	tact only by a li	cense	d delea	der			(Must be les	s than	400 ppm for pl	ay ar	ea / 120	0 ppm fo	or bare s	oil)	
SIDE	LOCATION	1	MEASUR	:100	SE PAINT	T	IC	IC		OCATION		AREA MEASUR	EMEN	T	RESULT	REMED	REMED
C		(MORE THAN 1440 SQ. IN.) DATE ME						METH				( Square Fee	et )		(PPM)	DATE	METH
C								-	Play Area	7	1 04000 1 00			(			
C		_							-	Bare soil		. N					
C		-				-			-	Comments:				-			
0										contractita.							

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Amy	Franklin
Inspector (p	rint)

Lic #

(b)(6) & (b)(7)(C)

Signature

(b)(6) & (b)(7)(C)



Risk A	Assessor (prin	t)		Lic#		Sign	ature				-	Date					/
A data	Contraction (print	6	6 . M.		. 7				Apt#			City /	NE	EVA	RA	HAV	EN
Addre		90	r) IVI	41	N	07											
EAID				LIDC	10	IC		DELEAD	SIDE	LOCATION/	LEAD	TYPE OF	URG	IC	IC	DELEAD	DELEAD
SIDE	LOCATION/	LEAD	ITPE OF	URG	DATE	METH	DATE	METH	D	SURFACE		HAZARD	HAZ?	DATE	METH	DATE	METH
U	SURFACE	1	HAZARD	HAL!	DATE		DATE	THE TTT	-	Window Sill		A/M L N/A	Y				
	Siding	35	A/M L N/A	Y					D	Win Casing		A/M L N/A	Y				
	Corner Boards		A/M L N/A	Y	<u>A</u>					Window Sash		A/M L N/A	Y				
D	Lower Trim	2/10	A/M L N/A	Y						Window Cill			Y				
	Upper Trim	14	> A/M L N/A	Ŷ						Window Sil			Y		-		
	Win Above 5'	1	A/M-L N/A	Y						Win Casing			Y				
	Porch Above 5		A/M L N/A	Y						WINDOW Sash	0.1		v				
	Storm Door		A/M L N/A	Y						Cellar Win Sill	0.4	AVM L INA		_			
	Door		A/M L N/A	Y						Cel Win Sash	10.		V				
D.	Door Casing		A/M L N/A	Y						Cel Win Frame	10.0			_			
	Door Jamb		A/M L N/A	Y						Cellar Win Sill		A/M L N/A	T				
	Threshold	4	A/M L N/A	Y					D	Cel Win Sash		A/M L N/A	T				
	Kickplate		A/M L N/A	Y						Cel Win Frame	1	A/M L N/A	Ť				
	Storm Door		A/M L N/A	Y						Cellar Win Sill		A/M L N/A	Y				
	Door		A/M L N/A	Y					D	Cel Win Sash		A/M L N/A	Y				1
D	Door Casing		A/M L N/A	Y						Cel Win Frame		A/M L N/A	Y				
	Door Jamb		A/M L N/A	Y			1.1			Cellar Win Sill		A/M L N/A	Y				
	Threshold		A/M L N/A	Y					D	Cel Win Sash		A/M L N/A	Y				
	Kickplate		A/M L N/A	Y						Cel Win Frame		· A/M L N/A	Y				
	Door		A/M L N/A	Y						Foundation	01U	A/M L N/A	Y				
D	Door Casing		A/M L N/A	Y					D	Bulkhead	6.9	A/M L N/A	Y			1	
	Door Jamb	1	A/M L N/A	Y					]	Fences		A/M L N/A	Y				
	Threshold	1	A/M L N/A	Y						Shutters		A/M L N/A	Y				
	Door	1	A/M L N/A	Y						Newel post		A/M L N/A	Y				
D	Door Casing	+	A/M L N/A	Y					11	Railing Cap		A/M L N/A	Y				
	Door Jamb		A/M L N/A	Y					11	Handrail		A/M L N/A	Y				
	Threshold	1	A/M L N/A	Y					D	Balusters		A/M L N//	Y	4			·
	Window Sill	-	A/M L N/A	Y	1				11	Lower Rail		A/M L N//	Y				1.1.1.1.1.1
D	Win Casina	+	A/M L N/A	Y					11	Treads		A/M L N//	Y				
ľ	Window Sash	+	A/M L N/A	Y					11	Risers	V	A/M L N//	Y				
-	Window Sill	16	AM L N/	Y					11	Stringer	1	A/M L N//	Y				
	Win Casing	Ed	A/M 1 N//	Y						1		A/M L N/	Y				
1	Window Sach	09		Y					11		-	A/M L N/	A Y				
001	MENTO / OTDI	N	AL DEEECTS.		-			1	11		+	A/M L N/	AY			-	
COM	MENISISIRU	CIUR	AL DEFECTS.						D		+	A/M L N/	AY	1			
									11		+	A/M L N/	AY				
									11		+	A/M L N/	AY				
		10.0	0. 6	links	d in this	hey con	ho mad	0				Soil Te	st Re	sults	1	-	
	Exclude	a Surt ii	aces: Surrace	licen	sed dele	ader	i be mau	0		(Must be le	ess th	an 400 ppm for	play a	area / 12	00 ppm	for bare	soil)
SIDE	LOCATIO	ON	MEASU	RE:LO	DOSE PAI	NT	IC	IC		LOCATION	T	AREA MEASU	JREM	ENT	RESUL	T REMED	REMED
D	Loonin		(MORE)	THAN	1440 SQ.	IN.)	DATE	METH				( Square F	eet)		(PPM)	DATE	METH
D										Play Area	1						
D										Bare soil	1						
-										Comments:	-						
D							1		11								

LI/RA RepExtD, 1/17/02

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Lead Inspection / Risk Assessment Report	Page / Of /7
Franklin Analytical Services, Inc.   Method Used:     401 Delano Road • Marion, MA 02738 • Tel: (508) 748-3156 • Fax: (508) 748-9713   Method Used:     St#   Address	te scence erial #_ <u>51/</u> vt.
City MADALLLLLLLLLLLLLLLLLLLLLLLLLLLLLLLLLLL	
Owner Name: USCG AIR STATION CAPE COD	Single Family
Owner Address: OTB ANGE BARY STREE MA 02542-5024	#Units
Client Name (if different from owner):	Condominium
Client Address:	Day Care
Key:     Inspection     Deleading     Other       A/M     Accessible/Mouthable     CAP     Capped     Comprehensive Inspect       CAP     Capped     COV     Covered     Comprehensive Inspect	tion (Y/N)
COV     Covered     DIP     Dipped       INT     Intact     ENC     Encapsulated     Comments:	1/14
M/I Moveable/Impacted PRE Prepared WEST CHURN MET Metal REM Removed	1011
NA Not Accessible REP Replaced   NC No Coating REV Reversed   NEG Negative SCR Scraped	
POS Positive VR Vinyl Replacement VR Vinyl Replacement	
Floorit C C	
A (Street Side) A (Street Side)	
Pb (lead) equal to or greater than 1.0 mg/cm <sup>2</sup> with x-ray fluorescence or positive with Na <sub>2</sub> S is Dan NSP. DATE D 4 1 3 0 4 NSP. DATE D 4 1 3 0 4 Inspector (print) Lead Hazards? Inspector (print)	gerous. (b)(6) & (b)(7)(C) Lic.#
R. A.   DATE   Urgent Lead     Hazards?   (Y or N)   Risk Assessor (print)     LURA RepCov, PrivInsp, 1.0, 7/31/02   Signature	Lic.#

(b)(6) & (b)(7)(C)

FRANKLIN (b)(6) & (b)(7)(C)

Inspector (print)

4/13/04 Date

Page 201 17

														_			
Risk	Assessor (pri	nt)		Lic #		Sigr	nature					Date X	a.	12	1 5	71 .	/
Addr	ess of Property	y e	717 M	41	N	57	-		Apt #			City 🖌	INE	YAR	D	4AV.	EN
ROO	M /							3									
SIDE	LOCATION	LEAD	TYPE OF	URG	IC	IC	DELEAD	DELEAD	SIDE	LOCATION	LEAD	TYPE OF	URG	IC	IC	DELEAD	DELEAD
	SURFACE		HAZARD	HAZ?	DATE	METH	DATE	METH		SURFACE		HAZARD	HAZ	DATE	METH	DATE	METH
ABCD	Up Walls	2,2	A/M L N/A	Y						Window Sill	0.1	M/I A/M L	VA Y				
ABCD	Low Walls		A/M L N/A	Y						Win Apron	0.3	A/M L	VA Y				
ABCD	Baseboards	10.0	AM L N/A	Y						Win Casing	0.0	A/M L	V/A Y				
AB	Chair Rail		A/M L N/A	Y					D	Header Stop	NA	M/I A/M L	VA Y				
	Radiator	0,7	A/M L N/A	Y					IF I	Int Stops	0.2	MI AM LI	I/A Y				
	Floor	NC	A/M L N/A	Y						Win Int Sash	0.4	MI AM LI	VA Y				
	Ceiling	NH	A/M L N/A	Y						Exterior Sill	0,6	MI LI	I/A Y				
-	Door		A/M L N/A	Y						Part Bead	KN	M/I LI	VA Y				
2	Door Casing	21	AM L NA	Y						Blind Stop	0.3	MI LI	VA Y				
B	Door Jamb	07	A/M L N/A	Y						Win Ext Sash	0.2	MI LI	I/A Y				
0	Threshold	22	A/M L N/A	Y						Window Sill		MI AMLI	VA Y				
-	Door	017	A/M I N/A	Y						Win Apron	-	A/M L I	VAY				
	Door Casing			v						Win Casing	-	A/M L I	VA Y				10
	Door Jamb			v						Heater Stop	-	M/I A/M I I					
	Threshold			Y				·····		Int Stops		M/I A/M I I	VA Y				
	Threshold			×						Alia lat Cach	-				-		
	Door		AVM L N/A	T						Future Cill							
	Door Casing		A/M L N/A	Ŷ						Exterior SH							
	Door Jamb		A/M L N/A	Y						Part Deau							
	Threshold		A/M L N/A	Y						Bland Stop							
	Door	X	A/M L N/A	Y						Win Ext Sash			I/A Y				
	Door Casing	1. C	A/M L N/A	Y						Closet Door		A/M L I	VA Y		1.1.1		
	Door Jamb		A/M L N/A	Y						CI Casing		A/M L I	I/A Y				
	Threshold *		A/M L N/A	Y						Closet Jamb		A/M L I	I/A Y				
	Window Sill	0,3	M/I A/M L N/A	Y						Closet Walls		A/M L I	I/A Y				
	Win Apron	0.2	A/M L N/A	Y						CI Baseboard		A/M L I	I/A Y				
	Win Casing	0.6	A/M L N/A	Y						Closet Pole		A/M L I	I/A Y				
	Header Stop	NA	M/I A/M L N/A	Y						Closet Shelf		A/M L I	I/A Y			1	
71	Int Stops	3.4	M/I A/M L N/A	Y						CI Supports		A/M L I	I/A Y			1	
4	Win Int Sash	0.3	M/I A/M L N/A	Y					1	Closet Floor		A/M L I	VA Y				
	Exterior Sill	3.4	MI L N/A	Y						Closet Ceiling		A/M L M	VA Y				
	Part Bead	N	M/I L N/A	Y						Fireplace		A/M L M	A Y				
	Blind Stop	9.2	M/I L N/A	Y						Mantle,		AMLN	A Y				
	Win Ext Sash	1.0	M/ L N/A	Y							_	MI AM LI	A Y				
COM	MENTS / STRU	CTUR	L DEFECTS:									MI AM L	/A Y				
												M/L A/M L M	/A Y				
												M/L A/M L N					
												M/L A/M L M	AY				
		FX		ACES	S: Surfac	es lister	d in thes	e boxes o	an be	made intact	only b	v a licensed	deleade				
SIDE	LOCATION		MEASURE	OSE P	AINT	50 115101	IC	10	SIDE	LOCATIO	N	MEASURE	LOOSE	DAINT	-	IC	IC
SIDE	LOCATION		MODE THAN	288 60			DATE	METHOD	SIDE	LUCATIO		(MODE TH	LOUSE			DATE	METHOD
			IMORE INAN	200 30			DATE	METHOD				(MORE IN	11 200 5	u. 114.)		DATE	METHOD

	SURFACE		HAZARD	HAZ?	DATE	METH	DATE	METH			SURFACE			HAZARD	HAZ?	DATE	METH	DATE	METH
AB	Up Walls	4,4	- AMIL N/A	Y	1 22 2				1	1	Window Sill	0,2	M/I	A/M L N/A	Y				
AB	Low Walls		A/M L N/A	Y					11		Win Apron	0.5		A/M L N/A	Υ				
AB	Baseboards	10.0	AMILNA	Y					11		Win Casing	0.1		A/M L N/A	Y				
AB	Chair Rail		A/M L N/A	Y					1	3	Header Stop	NA	MI	A/M L N/A	Y				
CD	Radiator	1.0	AMOL) N/A	Y					1	N	Int Stops	0.2	M/I	A/M L N/A	Υ				
	Floor	NVC	A/M L N/A	Y				-	11	15	Win Int Sash	6,4	MI	A/M L N/A	Y				
	Ceiling	WIF	A/MLN/A	Y					11		Exterior Sill	61	M/I	L N/A	Y.				
	Door	6.1	A/M L N/A	Y					11		Part Bead	a	M/I	L N/A	Y				
-	Door Casing	0.1	A/M L N/A	Y					11		Blind Stop	0.2	MI	L N/A	Y				
D	Door Jamb	6.D	A/M L N/A	Y					11		Win Ext Sash	6.4	MI	L N/A	Y				
$( \cup )$	Threshold	0.3	A/M L N/A	Y					11	1	Window Sill		MI	A/M L N/A	Y				
	Door	011	A/M L N/A	Y					11	1	Win Apron			A/M L N/A	Y				
0	Door Casing	0.0	A/M L N/A	Y					11	1	Win Casing			A/M L N/A	Y				
V.	Door Jamb	0.2	A/M L N/A	Y					11		Header Stop		M/I	A/M L N/A	Y				
0	Threshold	6.0	A/M L N/A	Y					11	Y	Int Stops		WI	A/M L N/A	Υ				
	Door		A/M L N/A	Y					11	A	Win Int Sash		M/I	A/M L N/A	Υ				
	Door Casing		A/M L N/A	Y					11	1	Exterior Sill		MI	L N/A	Y				
V	Door Jamb	2	A/M L N/A	Y					11	11	Part Bead		MI	L N/A	Y				
Y	Threshold		A/M L N/A	Y		1.1			1		Blind Stop		MI	L N/A	Y				
1	Door		A/M L N/A	Y					11		Win Ext Sash		MI	L N/A	Y				
	Door Casing		A/M L N/A	Y			1.1		11		Closet Door	8.2		A/M L N/A	Y				
1	Door Jamb		A/M L N/A	Y							CI Casing	6.1		A/M L N/A	Y				
	Threshold		A/M L N/A	Y					1		Closet Jamb	5.1		A/M L N/A	Υ				
	Window Sill	0.1	M/I A/M L N/A	Y					1		Closet Walls	3.5		A/M L N/A	Y				
	Win Apron	6.6	A/M L N/A	Y						D	CI Baseboard	10.0		A/M L N/A	Υ				
	Win Casing	A3	A/M L N/A	Y						Y	Closet Pole	pare.	51	A/M L N/A	Y				
0	Header Stop	NP	MI A/M L N/A	Y							Closet Shelf	4.6		A/M L N/A	Y				
B	Int Stops	0.2	WI A/M L N/A	Y							CI Supports	10.0		A/M L N/A	Y				
(U)	Win Int Sash	0.6	MI AM L NA	Y							Closet Floor	0,2		A/M L N/A	Y				
	Exterior Sill	0.5	M/I L N/A	Y							Closet Ceiling	NH	A	A/M L N/A	Y				
	Part Bead	CN	M/I L N/A	Y					IL		Fireplace			A/M L N/A	Y				
	Blind Stop	0.3	M/I L N/A	Y							Mantle			A/M L N/A	Y				
	Win Ext Sash	6.5	M/I L N/A	Y									MI	A/M L N/A	Y		10 C		
COM	MENTS / STRU	CTURA	L DEFECTS:						1C				M/I	A/M L N/A	Y				
									IC				M/I	A/M L N/A	Y				
									IC				M/I	A/M L N/A	Y				
													M/I	A/M L N/A	Y				
		EXC	CLUDED SURF	ACES	S: Surfac	ces liste	d in the	se boxes	can	be	made intact	only b	yal	icensed del	eader				
SIDE	LOCATION	N	MEASURE: LO	OSE P	AINT		IC	IC	S	IDE	LOCATIO	N	N	MEASURE: LO	OSE F	PAINT		IC	IC
			(MORE THAN 2	288 SC	I. IN.)		DATE	METHOD					(	MORE THAN	288 SC	2. IN.)		DATE	METHOD

#### (b)(6) & (b)(7)(C) (b)(6) & (b)(7)(C) Signature

Signature

DELEAD DELEAD



DELEAD DELEAD

VINEVARD HAVE

IC

Inspector (print)

Risk Assessor (print)

SIDE LOCATION LEAD

Address of Property

ROOM

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TYPE OF

Lic #

Lic #

URG

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SIDE LOCATION/

Date

Date

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City

TYPE OF

URG

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LI/RA Rep

Inspector (print)

ROOM

Risk Assessor (print)

Address of Property 9/7

4

pRoom,	8/6/02			

CIDE	LOCATION	IEAD	TYPE OF	URG	IC	IC	DELEAD	DELEAD	SIDE	LOCATION/	LEAD	TYPE OF	URG	IC	IC	DELEAD	DELEAD
SIDE	LUCATION	LEAD	HITEOF	1472	DATE	METH	DATE	METH		SUPFACE		HAZARD	HA72	DATE	METH	DATE	METH
	SURFACE		HAZARD	HAZ	DATE	METH	DATE	METH		SURFACE	-	Thene	IVEI	DATE	METT	DATE	METT
AB	Up Walls	0,0	A/M L N/A	Y		Y				Window Sill		MI A/M L N/A	Y				
AB	Low Walls		A/M L N/A	Y						Win Apron /		A/M L N/A	Y				
ABCD	Baseboards /	0,0	AMENIA	Y						Win Casing		A/M L N/A	Y				
AB	Chair Rail		A/M L N/A	Y						Header Stop		MI AM L N/A	Y				
0.0	Radiator	-	AM L N/A	Y						Int Stops		MI AM L N/A	Y				
	Floor A	110	A/M L N/A	Y						Win Int Sash		M/I A/M L N/A	Y				
	Ceiling	nc nc	A/M L N/A	Y						Exterior Sill		MI LN/A	Y				
	Door	67	A/M L N/A	Y						Part Bead	-	M/I L N/A	Y				
	Door Casing	112	A/NL N/A	Y						Blind Stop	-	MI L N/A	Y				
C	Door lamb	4.7	A/M   N/A	Y						Win Ext Sash		M/I L N/A	Y				
W	Theshold	11		v						Window Sill		M/L A/M L N/A	Y				
	Dees	Vic		v			_			Win Anron	-		Y				
	Door	0.5	AMAL NIA							Win Casing			Y				
C	Door Casing	415	AVINI L NVA	ř			_			Wall Casing			V				
(r)	Door Jamb	10,0	AMILNA	Y			-			Header Stop			V				
	Threshold	0.2	A/M L N/A	Ŷ						Int Stops		WI AM L NA	T				
	Door		A/M L N/A	Y						Win Int Sash		M/I A/M L N/A	Y				
	Door Casing		A/M L N/A	Y						Exterior Sill		M/I L N/A	Y				
	Door Jamb		A/M L N/A	Y						Part Bead		MI LNA	Y				
V	Threshold		A/M L N/A	Y		1.1				Blind Stop		M/I L N/A	Y				
Y	Door		A/M L N/A	Y						Win Ext Sash		M/I L N/A	Y				
	Door Casing		A/M L N/A	Y			1.1			Closet Door	0.2	A/M L N/A	Y				
	Door Jamb		A/M L N/A	Y						CI Casing	4.1	A/M L N/A	Y				
V	Threshold		A/M L N/A	Y						Closet Jamb	4.5	A/M L N/A	Y				
	Window Sill	2.0	MI ANIL NA	Y	1					Closet Walls	Dil	A/M L N/A	Y				
	Win Apron	1.9	A/M L N/A	Y					C	CI Baseboard	10,0	A/M L N/A	Y				
	Win Casing	3,5	AM L N/A	Y						Closet Pole	DOWR	S A/M L N/A	Y				
	Header Stop	NA	MI AM L NA	Y						Closet Shelf	10.0	AM L N/A	Y				
A	Int Stops	5,6	MI AM L N/A	Y						CI Supports	10.0	AVM L N/A	Y				
	Win Int Sash	0.9	MI AM L N/A	Y						Closet Floor	NIC	A/M L N/A	Y				
	Exterior Sill	0,5	M/I L N/A	Y						Closet Ceiling	NA	A/M L N/A	Y				
	Part Bead (	N	MI LN/A	Y						Fireplace		A/M L N/A	Y				
	Blind Stop	0.0	M/I L N/A	Y						Mantle		A/M L N/A	Y				
	Win Ext Sash	A.d	M/I L N/A	Y								M/I A/M L N/A	Y		1		
COM	MENTS / STRU	CTURA	L DEFECTS:									M/I A/M L N/A	Y				
												M/I A/M L N/A	Y				
											_	M/I A/M L N/A	Y				
												MI AM L NA	Y				
-		EXC	LUDED SURF	ACES	S: Surfac	es lister	in thes	e boxes o	an be	made intact	only b	y a licensed de	leader	r.			
SIDE	LOCATION	N I	MEASURE: LO	OSE P	AINT		IC	IC	SIDE	LOCATIO	N	MEASURE: LO	DOSE F	PAINT		IC	IC
			(MORE THAN	288 SC	). IN.)		DATE	METHOD				(MORE THAN	288 SC	2. IN.)		DATE	METHOD
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City VINEYARD

Page 4 of 17

	MY RANKL pector (print)	11	(b)(6) 8	<b>k (b)(</b> Lic#	7)(C)	( Sig	b)(6) nature	) & (b	o)(7	)(C)	4	4 /13 /6 Date	4	-	Pag	• <u>5</u> 0	17
	4	1		11-11		01-						Dete		-			
Ris	k Assessor (pri	nt)	21-	LIC #		Sig	nature			4		Date	1 #11	Val	5	in	1-1
Add	ress of Propert	y g	717 1	NA	IN	Ć	ST		Apt	#		City	110 5.	Ink	2 1	4170	EN
RUI			TYPE OF	LIPC	IC	Ic	DELEA		SID	EL LOCATION/		TYPE OF	LIRG	IC	10		
SIDE	SURFACE	LEAL	HAZARD	HAZ?	DATE	METH	DATE	METH	010	SURFACE	1 cont	HAZARD	HAZ	DATE	METH	DATE	METH
A B	Lie Walk	KA		V					╢─	Window Sill	-	M/L A/M I N	AY				
	Op wais	10,							-11	Min Annon	-						
CD	Low Walls		A/MLN/A	T					-11	Win Apion	<u> </u>						
<u>ç</u> D	Baseboards /	0,0	AML NA	Y		-			11	Win Casing	-	A/M L N/	A Y				-
A B C D	Chair Rail		AM L NA	Y						Header Stop		M/I A/M L N/	AY				
	Radiator	2.0	AM L NA	Y					41	Int Stops	-	MI AM L N	AY				
	Floor A	1/C	A/M L N/A	Y					41	Win Int Sash		MI A/M L N/	AY				
		IA	A/M L N/A	Y					-11	Exterior Sil	-						
	Door Casing	0.3	AMIL N/A	Y					-11	Blind Stop							
C	Door Jamb	M + 1	A/M L N/A	Y					11	Win Ext Sash			AY				
(1)	Threshold	M	A/M L N/A	Y						Window Sill	-	WI A/M L N/	AY				
	Door	12.0	AMIL N/A	Y		-				Win Apron	-	A/M L N/	AY				
-	Door Casing	10,0	AM L N/A	Y					11 \	Win Casing		A/M L N/	AY				1
6	Door Jamb	JI	AM L N/A	Y					11	Header Stop		MI AMILN	AY				
V	Threshold	NI	A/M L N/A	Y					11	Int Stops		MI A/M L N/	A Y				
	Door	5.2	A/M L N/A	Y	×				1	Win Int Sash		MI AM L N	A Y				
0	Door Casing	63	A/M L N/A	Y						Exterior Sill		M/I L N/	A Y				
Y	Door Jamb	3,1	A/M L N/A	Y						Part Bead		M/I L N/	A Y				
-	Threshold		A/M L N/A	Y		-			1	Blind Stop		M/I L N/	A Y				V.
	Door		A/M L N/A	Y					∥—	Win Ext Sash							
	Door Lamb	-		Y					11	Closet Door							
	Threshold		A/M L N/A	Y		- 7			11	Closet Jamb	1	A/M L N/	AY				
	Window Sill	11K	MI AM L N/A	Y						Closet Walls		A/M L N/	AY				
	Win Apron	3.6	ANM L N/A	Y					10	CI Baseboard	NI	AM L NA	AY				
	Win Casing	5.1	AM L N/A	Y					11	Closet Pole	. /	A/M L N/	A Y				
b	Header Stop	NF	MI AM L N/A	Y					11	Closet Shelf		A/M L N/	A Y				
5	Int Stops	0.3	MI A/ML N/A	Y						CI Supports		A/M L N/	A Y				
	Win Int Sash	0.2	M/I A/M L N/A	Y						Closet Floor		A/M L N/	Y				
	Extenor Sill	0.7	M/I L N/A	Y						Closet Ceiling		A/M L N/	Y				
	Part Bead	N	M/I L N/A	Y						Fireplace		A/M L N//	Y				
	Win Ext Seeh	0.4	M/I L N/A	T						Manue	1	A/M L N//	Y				
COM	MENTS / STDI	CTUP	MU DEEECTS							Closet.	10						
	LITIS / STRU	UN	E DEFECTO.							aves-	NA	M/I A/M I N//	Y				0.
												MI A/M L N//	Y				· · · · · ·
2									-			MI AM L N/	Y				
		EX	CLUDED SURF	ACES	: Surfac	es liste	d in thes	e boxes o	can be	made intact	only by	y a licensed de	eleade	r.			
SIDE	LOCATION	1	MEASURE: LO	OSE P	AINT		IC	IC	SIDE	LOCATIO	N	MEASURE: L	OOSE	PAINT		IC	IC
			(MORE THAN	288 SQ	. IN.)		DATE	METHOD				(MORE THAI	1 288 S	Q. IN.)		DATE	METHOD
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A A Insp	M <u>(A DK L1</u> vector (print)	N	(b)(6) &	(b)( Lic #	7)(C)	Sig	b)(6) nature	) & (b	)(7)	)(C)	4	/13/04 Date	/		Page	e <u>le</u> or	4
Risk	Assessor (pri	nt)	2	Lic #		Sig	nature					Date					/
Addr	ess of Property	y G	317 M	A	N	57	+		Apt	#		City /	Ne	EYAI	(B)	HA	EN
ROO	OM To																
SIDE	LOCATION	LEAD	TYPE OF	URG	IC	IC	DELEAL	DELEAD	SID	E LOCATION/	LEAD	TYPE OF	URG	IC	IC	DELEAD	DELEAD
	SURFACE		HAZARD	HAZ?	DATE	METH	DATE	METH		SURFACE		HAZARD	HAZ?	DATE	METH	DATE	METH
A B	Lie Wolk	10		Y						Window Sill	-	M/L A/M L N/A	Y				
		0,		v					11	Wie Appo	-		v				
CD	Low Walls		A/M L N/A	T					41	Will Aproli	-	AVM L IVA					
C D	Baseboards	0.0	A/M L N/A	Y					11	Win Casing		A/M L N/A	Y				
ABCD	Chair Rail	-	A/M L N/A	Y					1	Header Stop		M/I A/M L N/A	Y				
	Radiator		A/M L N/A	Y						Int Stops		M/I A/M L N/A	Y				
	Floor		A/M L N/A	Y						Win Int Sash		M/I A/M L N/A	Y				
	Ceiling		A/M L N/A	Y						Exterior Sill		M/I L N/A	Y.				
	Door	6.3	A/M L N/A	Y					]	Part Bead		M/I L N/A	Y				
k	Door Casing	9.7	AM L NA	Y					]	Blind Stop		M/I L N/A	Y				
$\vdash$	Door Jamb	10,1	ATM'L N/A	Y						Win Ext Sash	1	M/I L N/A	Y				
	Threshold		A/M L N/A	Y						Window Sill		M/I A/M L N/A	Y				
	Door	5,2	A/M L N/A	Y					11	Win Apron		A/M L N/A	Y				
2	Door Casing	10.0	ATN L N/A	Y					11	Win Casing		A/M L N/A	Y				
D	Door Jamb	4,5	A/M L N/A	Y					11	Header Stop		M/I A/M L N/A	Y				
	Threshold		A/M L N/A	Y					11	Int Stops		M/I A/M L N/A	Y				
	Door		A/M L N/A	Y					11	Win Int Sash		M/I A/M L N/A	Y	1			
	Door Casing		A/M L N/A	Y					11	Exterior Sill		M/I L N/A	Y				
	Door Jamb		A/M L N/A	Y					11	Part Bead		M/I L N/A	Y				
	Threshold		A/M L N/A	Y		10			11	Blind Stop		M/I L N/A	Y				
	Door		A/M L N/A	Y					11	Win Ext Sash		M/I L N/A	Y				
	Door Casing		A/M L N/A	Y			1.1			Closet Door	5.1	A/M L N/A	Y				
	Door Jamb		A/M L N/A	Y					11	CI Casing	10,0	A/M L N/A	Y				
	Threshold		A/M L N/A	Y					11	Closet Jamb	10.0	A/M L N/A	Y				
	Window Sill	(1,3	MI AM L N/A	Y					11	Closet Walls	10:	A/M L N/A	Y				
	Win Apron	5.1	A/M L N/A	Y					K	CI Baseboard	10,0	ATM) L N/A	Y				
	Win Casing	8.1	AM L N/A	Y					A	Closet Pole	1	A/M L N/A	Y				
	Header Stop	NI	MI AM L NA	Y						Closet Shelf	SUL	AM L N/A	Y	×			
$\left( \right)$	Int Stops	0.2	M/I A/M L N/A	Y						CI Supports	D'	A/M L N/A	Y				
2	Win Int Sash	0,60	M/I A/M L N/A	Y						Closet Floor	J/C	A/M L N/A	Y				
	Exterior Sill	0,5	M/I LN/A	Y						Closet Ceiling	NIT	A/M L N/A	Y				
	Part Bead	N	M/I LN/A	Y						Fireplace		A/M L N/A	Y				
	Blind Stop	0,1	M/I L N/A	Y						Mantle		A/M L N/A	Y				
	Win Ext Sash	2,7	M/ L N/A	Y								M/I A/M L N/A	Y		100		
COM	MENTS / STRU	CTUR	AL DEFECTS:									M/I A/M L N/A	Y				
												M/I A/M L N/A	Y				
												M/I A/M L N/A	Y				
												M/I A/M L N/A	Y				
		EXC	CLUDED SURF.	ACES	: Surfac	es liste	d in thes	se boxes o	can be	made intact	only b	y a licensed del	eader				
SIDE	LOCATION	1	MEASURE: LO	OSE P	AINT		IC	IC	SIDE	LOCATIO	N	MEASURE: LC	OSE P	PAINT		IC	IC
			(MORE THAN 2	288 SQ	. IN.)		DATE	METHOD				(MORE THAN	288 SC	2. IN.)		DATE	METHOD

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In	spector (print)			Lic #	ŧ	Sig	nature					Date			raye	01_	
Ris	k Assessor (pri	nt)		Lic#		Sig	nature					Date					
Ad	dress of Propert	tv a	ain M	n	11 5	+			Ar	nt #		City 1/	111	-1101	25	JAN.	151
KI	CHEN	.,	11 11	1411	10 0				~	π	-	City	NG	eyiy k		110	EN
SIC	E LOCATION/	LEA	D TYPE OF	TURG	IC	L IC					LEAD	TYPE OF	LIPC		10	DELEAL	
	SURFACE		HAZARD	HAZ	DATE	METH	DATE	METH		SURFACE	LLAL	HATARD	HAZ		METH	DATE	METU
A	B	2 <		V					┥┝		-		T IVAL	DATE	WIL I'I	DATE	MEIN
CA	B	1.0				· ·			-11	Window Sill	-	M/I A/M L N//	A Y				
c	D Low walls		AVM L N/A	Y					-11	Win Apron		A/M L N//	A Y				
ĉ	Baseboards	10.	A/M L N/A	Y						Win Casing		A/M L N//	Y				
A	B Chair Rail		A/M L N/A	Y						Header Stop		M/I A/M L N//	Y				
-	Radiator		A/M L N/A	Y					1	Int Stops		M/I A/M L N/A	Y				
	Floor	IN	A/M L N/A	Y					11	Win Int Sash		M/I A/M L N/A	Y				
	Ceiling	A/	A/M L N/A	Y				+	11	Exterior Sill		M/I A/M L N/A	Y				
	Door		A/M L N/A	Y					11	Part Bead		M/I A/M L N/A	Y				
R	Door Casing	0,2	A/M L N/A	Y					11	Blind Stop		M/I A/M L N/A	Y				
K	Door Jamb	0:5	A/M L N/A	Y					11	Win Ext Sash		M/I A/M L N/A	Y				
Ľ,	Threshold	0,6	A/MLN/A	Y						Closet Door	1	A/M L N/A	Y				
	Door	6.2	A/M L N/A	Y,					1	CI Casing		A/M L N/A	Y				
R	Door Casing	0,3	A/MLN/A	Y					11	Closet Jamb		A/M L N/A	Y				
-	Door Jamb	4.5	A/M L N/A	Y					11	Closet/Walls		A/M L N/A	Y				
1	Threshold	0.7	A/M L N/A	Y	1				1	CI Baseboard		A/M L N/A	Y		.+		
	Door	0.4	A/M L N/A	Y						Closet Pole		A/M L N/A	Y				
r	Door Casing	0,0	A/M L N/A	Y						Closet Shelf		A/M L N/A	Y				
6	Door Jamb	03	A/M L N/A	Y						CI Supports		A/M L N/A	Y		-1		
	Threshold	0.2	A/M L N/A	Y						Closet Floor		A/M L N/A	Y				
	DOOP		A/M L N/A	Y						Closet Ceiling		A/M L N/A	Y			<u>†</u>	
C	Door Casing	0.1	A/M L N/A	Y						Up Cab Frame	0.1	A/M L N/A	Y				
0	Door Jamb	0.5	A/M L N/A	Y					11	Cab Door	0,0	A/M L N/A	Y		181_		
	Threshold	6.4	A/M L N/A	Y					11	Up Cab Walls	0.2	A/M L N/A	Y				
	Window Sill	G.L	M/I A/M L N/A	Y					11	Up Cab Shlvs	0,0	A/M L N/A	Y				
	Win Apron	51	A/M L N/A	Y						Supports	0.0	A/M L N/A	Y				
~	Win Casing	0.2	A/M L N/A	Y						Low Cab Fram	0.5	A/M L N/A	Y		1		
C	Header Stop	NP	M'I A/M L N/A	Y					11	Cab Door	0,0	A/M L N/A	Y				
	Int Stops	0.0	M/I A/M L N/A	Y					11	Low Cab Walls	OIL	A/M L N/A	Y				
	Exterior Cit	US	M/I A/M L N/A	Y						Low Cab Shivs	0,0	A/M L N/A	Y				
	Extenor Sill	U.S.	M/I L N/A	Y					11	Supports	0:5	A/M L N/A	Y				
	Plind Oto	N	MUL L N/A	Y		_				Drawers	0.0	A/M L N/A	Y				
	Blind Stop	0.4	M/I L N/A	Y								MI A/M L N/A	Y				
0.014	Win Ext Sash	0.0	M/I L N/A	Y								M/I A/M L N/A	Y				
СОМ	MENTS / STRUC	TURA	L DEFECTS:									MI AM L N/A	Y		1.1		1.1
												MI A/M L N/A	Y				
												MI A/M L N/A	Y				
_		EV		1050	0	an linte	1.1		IL			MI A/M L N/A	Y				
	LOOITIC	EX	LUDED SURF	ACES	Surfac	es liste	a in the	se boxes	can b	e made intact	only by	a licensed de	eader				
SIDE	LOCATION	N. 5	MEASURE: LO	USE P	AINT		IC	IC	SID	LOCATIO	N	MEASURE: LO	DOSE P	PAINT		IC	IC
			(MORE THAN	266 SC	i. IN.)		DATE	METHOD				(MORE THAN	288 SC	2. IN.)		DATE	METHOD
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	11 The 20							Line we									

Amy Fran	wi.
Inspector (print)	

(b)(6) & (b)(7)(C) Lic #

Signature

(b)(6) & (b)(7)(C)



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Page	Of	1

Risk	Risk Assessor (print) Lic#						Signature Date							)		
Addi	Address of Property 917 MAIN						Apt # City VINEVARD							12	1/An	EI
BAT	HROOM		///	110	01						eng y /	100	1 110	4	71/00	- 10
SIDE	LOCATION LEAD	TYPE OF	URG	IC	IC	DELEAD	DELEAD	SIDE	LOCATION/	LEAD	TYPE OF	URG	IC	IC	DELEAD	DELEAD
	SURFACE	HAZARD	HAZ?	DATE	METH	DATE	METH		SURFACE		HAZARD	HAZ?	DATE	METH	DATE	METH
A B			v	-					Low Cab From		A/NA J NUA	v				
A B									LOW Gab Flain		AVINI L INVA	1				
CD	LOW VYANS	A/M L N/A	T						Low Cab Door		A/M L N/A	ř				
C D	Baseboards (0,1	A/MLN/A	Y		1				Low Cab Walls		A/M L N/A	Ŷ				
A B C D	Chair Reil	A/M L N/A	Y						Low Cab Shivs		A/M L N/A	Y				
	Radiator	A/M L N/A	Y						Supports		A/M L N/A	Y				
	Floor CA	A/M L N/A	Y						Drawers		A/M L N/A	Y				
	Ceiling NA	A/M L N/A	Y	3					Closet Door		A/M L N/A	Y				
	Door	A/M L N/A	Y						Closet Casing		A/M L N/A	Y				
R	Door Casing 4,3	A/M L N/A	Y						Closet Jamb		A/M L N/A	Y				
	Door Jamb 4, (	A/M L N/A	Y						Closet Walls		A/M L N/A	Y				
	Threshold 0, 3	A/M L N/A	Y	_					CI Baseboard		A/M L N/A	Y				
	Door 0,4	A/M L N/A	Y						Closet Pole		A/M L N/A	Y				
A	Door Casing	A/M L N/A	Y				100		Closet Shelf		A/M L N/A	Y				
1	Door Jamb D, C	A/M L N/A	Y						Clos Supports	_	A/M L N/A	Y				
	Threshold 0, 4	A/M L N/A	Y		-				Closet Floor		A/M L N/A	Y		1		
	Window Sill 0.8	A/M L N/A	Y						Closet Ceiling		A/M L N/A	Y				
	Win Apron OullO	ZAMLNA	Y								M/I A/M L NA	Y	-	1		
	Win Casing 4,5/2	A/M L N/A	Y								M/I A/M L NA	Y				
	Header Stop	MA AM L NA	Y								M/I A/M L NA	Ŷ				
æ	Int Stops 1/ D. Z	MI A/M L N/A	Y								M/I A/M L NA	Y				1.15
	Win Int Sash, V/O,	MI AM L NA	Y								M/I A/M L NA	Y			_	
	Extenor SIIO, 8/0,	JWI A/M L N/A	Y								M/I A/M L NA	Y				
	Plind Stop O. R. (a)	MI AM L NA	Y								M/I A/M L NA	Y				
	Win Ext Sash	MI AMI NIA	T								M/I A/M L NA	T V				
	Un Cab Erame		ľ									v				
	Up Cab Prane		V						- X		MULANA LNA	T V				
	Un Cab Walk		V								MI AM I NA	v			_	
	Up Cab Shlvs		Y									Y				
	Supports	A/M L N/A	Y								M/LA/M L NA	Y				
-	Y PP		Y								M/LA/M L NA	Y			_	
		MI A/MI N/A	Y		_		- to	1			MI AM I NA	Y				
		MI A/M L N/A	Y		_	~	12				M/L A/M L NA	Y				1
COM	MENTS / STRUCTUR	L DEFECTS						COM	MENTS / STRU	CTURA	DEFECTS					
				X	1.					010104						
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											1.					
_	EX	CLUDED SUR	FACE	S: Surfa	ces liste	d in the	se boxes	an be	made intact	only b	y a licensed del	eader			and the part of the second	
SIDE	LOCATION	MEASURE: LO	OOSE	PAINT		IC	IC	SIDE	LOCATIO	N	MEASURE: LO	OSE F	PAINT		IC	IC
	(MORE THAN 288 SQ. IN.)				1	DATE	METHOD				(MORE THAN	288 SC	2. IN.)		DATE	METHOD
-	(MORE 1120 302. IN.)															
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	1/RA RenBath 1/17/02														-	
Concession of the local division of the loca	and a stoppad						the second se	Real Property lies								

AMY (b)(6) & (b)(7)(C)   Inspector (print) Lic #						Sign	(b)(6) & (b)(7)(C) Signature					1 <u>3</u> /04 Date			Page	₽_0f	<u>17</u>
Risk	Assessor (pri	int)		Lic #		Sigr	nature					Date			~		)
Add	ress of Propert	y 9	317 M	hA	n/	St			Apt	#		City V/	NE	YAN	$\oslash$	HAD	IDV
ROO	DM - B.	411	4 #2														
SIDE	LOCATION	LEAD	TYPE OF	URG	IC	IC	DELEA	DELEAD	SID	LOCATION	LEAD	TYPE OF	URG	IC	IC	DELEAD	DELEAD
	SURFACE		HAZARD	HAZ?	DATE	METH	DATE	METH		SURFACE		HAZARD	HAZ?	DATE	METH	DATE	METH
A B C D	Up Walls	5.1	A/M L N/A	Y						Window Sill		M/I A/M L N/A	Y				
A B C D	Low Walls	N	A/M L N/A	Y						Win Apron		A/M L N/A	Y				
A B C D	Baseboards	6.2	A/M L N/A	Y						Win Casing		A/M L N/A	Y				
AB	Chair Rail	1.0	A/M L N/A	Y					11	Header Stop		M/I A/M L N/A	Y				
1×	Radiator (	D.C	A/M L N/A	Y					11	Int Stops		M/I A/M L N/A	Y				
	Floor	DN	A/M L N/A	Y					11	Win Int Sash		M/I A/M L N/A	Y				
	Ceiling /	DHA	A/M L N/A	Y					11	Exterior Sill	$\backslash$	M/I L N/A	Y				
	Door	5,0	A/M L N/A	Y					11	Part Bead		M/I L N/A	Y				
	Door Casing	O,C	A/MLN/A	Y					11	Blind Stop		M/I LN/A	Y				
P	Door Jamb	5,3	A/M L N/A	Y						Win Ext Sash		M/I L N/A	Y				
	Threshold	NI	AM L N/A	Y						Window Sill	1	M/I A/M L N/A	Y				
	Door		A/M L N/A	Y					11	Win Apron	/	A/M L N/A	Y				
	Door Casing		A/M L N/A	Y						Win Casing		A/M L N/A	Y				
	Door Jamb		A/M L N/A	Y					11	Header Stop	V	M/I A/M L N/A	Y				
	Threshold		A/M L N/A	Y						Int Stops		M/I A/M L N/A	Y				
-	Door		A/M L N/A	Y						Win Int Sash		M/I A/M L N/A	Y				
	Door Casing		A/M L N/A	Y						Exterior Sill		M/I L N/A	Y				
	Door Jamb		A/M L N/A	Y						Part Bead		M/I L N/A	Y				
	Threshold		A/M L N/A	Y						Blind Stop		M/I LN/A	Y				
	Door		A/M L N/A	Y						Win Ext Sash		M/I L N/A	Y				
	Door Casing		A/M L N/A	Y						Closet Door		A/M L N/A	Y				
	Door Jamb		A/M L N/A	Y						CI Casing		A/M L N/A	Y				
	Threshold		A/M L N/A	Y						Closet Jamb		A/M L N/A	Y				
	Window Sill	0.1	M/I A/M L N/A	Y	1 I					Closet Walls		A/M L N/A	Y				
	Win Apron	0,0	A/M L N/A	Y						CI Baseboard		A/M L N/A	Y				
6	Win Casing	0.6	A/M L N/A	Y						Closet Pole		A/M L N/A	Y				
	Header Stop	NIF	M/I A/M L N/A	Y						Closet Shelf		A/M L N/A	Y				
P	Int Stops	0.2	M/I A/M L N/A	Y						CI Supports		A/M L N/A	Y				
	Win Int Sash	0.3	M/I A/M L N/A	Y						Closet Floor		A/M L N/A	Y				
	Exterior Sill	0,0	M/I L N/A	Y					/	Closet Ceiling		A/M L N/A	Y				
	Part Bead	00/	MI L N/A	Y					1	Fireplace		A/M L N/A	Y				
	Blind Stop	5.2	M/I L N/A	Y						Mantle		A/M L N/A	Y				
	Win Ext Sash	0.1	M/I L N/A	Y					1			M/I A/M L N/A	Y				
COM	MENTS / STRU	CTUR/	L DEFECTS:							1		M/I A/M L N/A	Y		1		
												M/I A/M L N/A	Y				
												M/I A/M L N/A	Y				
									-			M/I A/M L N/A	Y				
		EXC	CLUDED SURF	ACES	: Surfac	es lister	d in thes	se boxes c	an be	made intact of	only by	y a licensed del	eader				
SIDE	SIDE LOCATION MEASURE: LOOSE PAINT IC IC								SIDE LOCATION MEASURE: LOOSE PAINT IC					IC			
			(MORE THAN 2	288 SQ	. IN.)		DATE	METHOD				(MORE THAN	288 SC	2. IN.)		DATE	METHOD
	and the second party of th	-	and the second se		Concession in the owner of				of the local division in which the local division is not the local division of the local division is not the local division of the l	the second s	the same is not the owner.	the second s	And in case of the local division in which the local division in t	and the local division of the		No. of Concession, name	Contra Property in succession.

Amy Franklin	
Inspector (print)	

Lic #

(b)(6) & (b)(7)(C)

Signature

(b)(6) & (b)(7)(C)



Page 10 Of 17

Risk Assessor (print) Lic #					Sigr	ature				Date					11	)		
Addr	ess of Property	у	917	M	AI	v	St		Apt #			City	VIA	IE	.YAX	0	HAI	EN
HAL	LWAY O	FF	kite	he	2													
SIDE	LOCATION/	LEAD	TYPE OF	URG	IC	IC	DELEAD	DELEAD	SIDE	LOCATION/	LEAD	TYPE C	)F L	JRG	IC	IC	DELEAD	DELEAD
	SURFACE		HAZARD	HAZ?	DATE	METH	DATE	METH		SURFACE		HAZAR	DH	IAZ?	DATE	METH	DATE	METH
A B C D	Up Walls	1,2	A/M L N/A	Y						Window Sill		M/I A/M I	N/A	Y				
A B C D	Low Wals		A/M L N/A	Y						Win Apron		A/M I	N/A	Y				
A B C D	Baseboards	0.0	AML NA	Y						Win Casing		A/M L	N/A	Y		1000		
A B C D	Chair Rail		A/M L N/A	Y						Header Stop		M/I A/M L	N/A	Y				
	Radiator		A/M L N/A	Y						Int Stops		M/I A/M L	N/A	Y		1		
	Floor		A/M L N/A	Y						Win Int Sash		M/I A/M I	N/A	Y				100
	Ceiling		A/M L N/A	Y						Exterior Sill		M/I A/M I	N/A	Y				
	Door	-	A/M L N/A	Y						Part/Bead		M/I A/M L	N/A	Y				
~	Door Casing	5,6	A/M L N/A	Y						Blind Stop		M/I A/M L	N/A	Y				
4>	Door Jamb	6.7	A/M L N/A	Y						Win Ext Sash		M/I A/M L	N/A	Y				
	Threshold	0.1	A/M L N/A	Y						Closet Door		A/M L	N/A	Y				
	Door (	5.7	A/M L N/A	Y	1				1.1	CI Casing		A/M L	N/A	Y				
	Door Casing	his	A/M L N/A	Y						Closet Jamb		A/M L	N/A	Y				
1)	Door Jamb <	EU	A/M L N/A	Y						Closet Walls		A/M L	N/A	Y				
1	Threshold	00	A/M L N/A	Y						CI Baseboard		A/M L	N/A	Y				
-	Door	AL C	A/M L N/A	Y						Closet Pole		A/M L	N/A	Y				
	Door Casing		A/M L N/A	Y						Closet Shelf		A/M L	N/A	Y				
1	Door Jamb		A/M L N/A	Y						CI Supports		A/M L	N/A	Y				
	Threshold		A/M L N/A	Y						Closet Floor		A/M L	N/A	Y				
	Door		A/M L N/A	Y						CI Ceiling		A/M L	N/A	Y	-	-	4	
	DoorCasing		A/M L N/A	Y			_		H	Closet Door		A/M L	N/A	Y				
	DoorJamb		A/M L N/A	Y						CI Casing		A/M L	N/A	Y				
	Threshold		A/M L N/A	Y						Gloset Jamb		A/M L	N/A	Y				-
	Door		A/M L N/A	Y						Closet Walls		A/M L	N/A	Y				
	Door Casing		A/M L N/A	Y						CI Baseboard		A/M L	N/A	Y				
1.1	Door Jamb		A/M L N/A	Y					1	Closet Pole		A/M L	N/A	Y				
	Threshold		A/M L N/A	Y						Closet/Shelf		A/M L	N/A	Y				
	Window Sill	-	M/L A/M L N/A	Y						CI Supports		A/M L	N/A	Y				
	Win Apron		A/M L N/A	Y		A				Closet Floor		A/M L	N/A	Y				
	Win Casing		L N/A	Y						Cl'Ceiling		A/M L	N/A	Y				
	Header/Stop	~	M/L L N/A	Y								M/I A/M L	N/A	Y				
	Int Stops		M/L L N/A	Y								M/I A/M I	N/A	Y				-
	Win Int Sash		MI L N/A	Y								M/I A/M L	N/A	Y				
	Exterior Sill		MI AM I NA	Y					COMM	ENTS / STRU	CTURA	LDEFECTS		-				
	Dart Road		MAT ARA L NIA	v					00111	Linterenter	010101							
	Rlind Stop		MI AMAL NIA	Y														
Win Ext Sash M/I A/M L N/A Y																		
EXCLUDED SURFACES: Surfaces liste					d in thes	e boxes o	anbe	made intact	only h	v a license	d dele	ade	r.					
SIDE LOCATION . MEASURE: LOOSE PAINT					IC.	IC	SIDE	LOCATIO	NN NN	MEASU	REILOC	OSE I	PAINT		IC	IC		
SIDE LOCATION MEASURE: LOOSE PAINT (MORE THAN 288 SQ. IN.)				DATE	METHOD	-	LUUMIU		(MORE	THAN 2	88 S	2. IN.)		DATE	METHOD			
(MUTE I HAN 200 SQ. IN.)				DATE				_	Indite									
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SIDE

SID	LOCATION	LEAD	TYPE OF	URG	IC	IC	DELEAD	DELEAD	SID	E LOCATION/	LEAD	TYPE OF	URG	IC	IC	DELEAD	DELEAD
	SURFACE		HAZARD	HAZ?	DATE	METH	DATE	METH		SURFACE		HAZARD	HAZ?	DATE	METH	DATE	METH
AE	Up Walls	PO.	AML NA	Y						Window Sill		M/I A/M L N/A	Y				
AECC	Low Walls		A/MLN/A	Y						Win Apron		A/M L N/A	Y				
A E	Baseboards /	p,C	AMIL NA	Y						Win Casing		A/M L N/A	Y				
AB	Chair Rail		A/M L N/A	Y					11	Header Stop		MI A/M L N/A	Y				
	Radiator		A/M L N/A	Y					11	Int/Stops		MI AM L N/A	Y				
	Floor (	IN	A/M L N/A	Y					11	Win Int Sash		MI A/M L N/A	Y				
		VIA	A/M L N/A	Y					11	Exterior Sill		MI L N/A	Y.				
-	Door	5.6	A/M L N/A	Y					11	Part Bead		M/I L N/A	Y				
	Door Casing	bis	A/M L N/A	Y					11	Blind Stop		MI LN/A	Y				
15	Door Jamb	B.T	AM L N/A	Y					11	Win Ext Sash	1	MI L N/A	Y				
	Threshold	5.2	A/M L N/A	Y						Window Sill		MI A/M L N/A	Y				
	Door	0,4	A/M L N/A	Y					11	Win Apron		A/M L N/A	Y				
A	Door Casing	3.4	A/M L N/A	Y					11	Win Casing		A/M L N/A	Y				
6	Door Jamb	21	AM L N/A	Y					11	Header Stop		M/I A/M L N/A	Y				
	Threshold		A/M L N/A	Y					11	Int Stops		M/I A/M L N/A	Y				
	Door	6.1	A/M L N/A	Y					11	Win Int Sash		M/I A/M L N/A	Y				
D	Door Casing	4.3	A/M L N/A	Y					11	Exterior Sill		M/I L N/A	Y				
D	Door Jamb	2,5	AM L NA	Y					11	Part Bead		M/I L N/A	Y				
-	Threshold	-	A/M L N/A	Y		100				Blind Stop		M/I L N/A	Y				
	Door	0.6	A/M L N/A	Y						Win Ext Sash		M/I L N/A	Y				
(	Door Casing	19	AM L N/A	Y						Closet Door	0.1	A/M L N/A	Y				
~	Door Jamb	0.1	AM L N/A	Y						CI Casing	10.0	A/M L N/A	Y				
	Threshold	NC	A/M L N/A	Y						Closet Jamb	3.2	A/M L N/A	Y				
	Window Sill		M/I A/M L N/A	Y						Closet Walls	10.0	A/M L N/A	Y				
	Win Apron		A/M L N/A	Y						CI Baseboard	10.0	A/M L N/A	Y				
	Win Casing		A/M L N/A	Y						Gloset Pole	-	A/M L N/A	Y				
	Header Stop		M/I A/M L N/A	Y						Closet Shelf	10.0	ANI L NA	Y				
	Int Stops		MI A/M L N/A	Y						CI Supports	0.D	ANN L N/A	Y				
	Win Int Sash		M/I A/M L N/A	Y						Closet Floor	N	A/M L N/A	Y				
	Exterior Sill		M/I L N/A	Y						Closet Ceiling	Nto	A/M L N/A	Y				
	Part Bead		M/I L N/A	Y						Fireplace		A/M L N/A	Y				
	Blind Stop		M/I L N/A	Y						Mantle		A/M L N/A	Y				
	Win Ext Sash		M/I L N/A	Y					D	DODY	0.2	M/I A/M L N/A	Y				
COM	MENTS / STRU	CTURA	L DEFECTS:							Casias	3,6	MI AM L N/A	Y				
										Tamb	4.1	MI AM L NA	Y				
										Juca	1	MI AM L NA	Y				
											1	M/I A/M L N/A	Y				
		EXC	LUDED SURFA	ACES	: Surface	es listed	in thes	e boxes c	an be	made intact o	only by	a licensed dele	eader.				
SIDE	LOCATION	I	MEASURE: LOO	DSE P/	AINT	T	IC	IC	SIDE	LOCATION	1	MEASURE: LO	OSE P	AINT		IC	IC
			(MORE THAN 2	88 SQ.	IN.)		DATE	METHOD				(MORE THAN 2	288 SQ	. IN.)	1	DATE	METHOD
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	and the second					T											

# nspector (print)

Risk Assessor (print)

Address of Property

ROOM - HA

(b)(6) & (b)(7)(C) LICT

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MAIN

Signature

Signature

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Apt #

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Date

Page // Of /] e City VINEYARS HAVED

Amy Franklin (b)(6) & (b)(7)(C) 4/13/04	Page 12 Of 17				
Inspector (print) Lic # Signature Date					
Risk Assessor (print) Lic # Signature Date					
Address of Property 917 MAIN ST. Apt # City VINEYA STAIRCASE	IND HAVEN				
SIDE LOCATION/ LEAD TYPE OF URG IC IC DELEAD DELEAD SIDE LOCATION/ LEAD TYPE OF URG IC	IC DELEAD DELEAD				
SURFACE HAZARD HAZ? DATE METH DATE METH SURFACE HAZARD HAZ? DAT	IE METH DATE METH				
A B Up Walls 10, AM L N/A Y Closet Door A/M L N/A Y					
A B Low-Walls A/M L N/A Y	· ·				
A B Baseboards (ID C AMI N/A Y					
C D Pridit Rdii A/M L N/A Y					
Ceiling AM L N/A Y					
Door O.G. A/M.L.N/A.Y. CI/Supports A/M.L.N/A.Y.					
Door Casing 0,2 A/M L N/A Y Closet Floor A/M L N/A Y					
Door Jamb 6 A/M/L N/A Y Closet Ceiling A/M L N/A Y					
Threshold 1 9 (A/M/L N/A Y Newel Post (), A/M L N/A Y					
Door A/M L N/A Y Railing Cap O, O A/M L N/A Y					
B Door Casing A/M L N/A Y Handrail 0.2 A/M L N/A Y					
St Door Jamb A/M L N/A Y Balusters O.O A/M L N/A Y					
Threshold A/M L N/A Y					
Boor A/M L N/A Y Treads O, ( A/M L N/A Y					
Z Door Casing 0, 60, 3A/M L N/A Y Risers 10, 0 A/M L N/A Y					
St Door Jamb O, ZO, AM L N/A Y Stringer (D, O A/M L N/A) Y					
Inreshold N/C A/M L N/A Y					
Door A/M L N/A Y Door Limb A/M L N/A Y					
Door casing AM L N/A Y					
Threshold A/M L N/A Y					
Door Casing A/M L N/A Y M/I A/M L N/A Y					
Door Jamb A/M L N/A Y M/I A/M L N/A Y					
Threshold A/M L N/A Y M/1 A/M L N/A Y					
Window Sill 3,5 M/ A/M L N/A Y M/1 A/M L N/A Y					
Win Apron Q.O (AM) L N/A Y M/I A/M L N/A Y					
Win Casing 3,7 AM/L N/A Y M/I A/M L N/A Y					
Header Stop N/A MI A/M L N/A Y MI A/M L N/A Y					
Int Stops 0.5 MI A/M L N/A Y COMMENTS / STRUCTURAL DEFECTS:					
Win Int Sash O, O MI A/M L N/A Y					
Exterior Sill O, G M/ A/M L N/A Y					
Part Bead CIN M/ A/M L N/A Y					
Blind Stop 0, C M/I A/M L N/A Y					
EXCLUDED SUPERCES: Surfaces listed in these hoves can be made intact only by a licensed deleader					
SIDE LOCATION MEASURE-LOOSE PAINT IC IC SIDE LOCATION MEASURE-LOOSE PAINT					
(MORE THAN 288 SO IN ) DATE METHOD	DATE METHOD				

LI/RA RepStair, 1/17/02

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FRANKL	.11

(b)(6) & (b)(7)(C) ⊔c#

> Lic# MAIN

(b)(6) & (b)(7)(C)

4/13/04 Date

Page 13 of 17 

Inspector (print)

Risk Assessor (print)

Address of Property

917

Signature

Signature

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Apt #

Date City VINEYARD HAVE,

ROC	M-10	DO	2 PM	er	T			-	-				-	-		-	
SIDE	LOCATION	LEAD	TYPE OF	URG	IC	IC	DELEAD	DELEAD	SIDE	LOCATION	LEAD	TYPE OF	URG	IC	IC	DELEAD	DELEAD
	SURFACE		HAZARD	HAZ?	DATE	METH	DATE	METH		SURFACE		HAZARD	HAZ?	DATE	METH	DATE	METH
ABCD	Up Walls	5.0	AMDN/A	Y						Window Sill		M/I A/M L N/A	Y				
ABCD	Low Walls	10.0	A/M N/A	Y						Win Apron		A/M L N/A	Y				
A B C D	Baseboards		A/M L N/A	Y						Win Casing		A/M L N/A	Y				
ABCD	Chair Rail		A/M L N/A	Y						Header Stop		M/I A/M L N/A	Y				
	Radiator		A/M L N/A	Y						Int Stops		M/I A/M L N/A	Y				
	Floor		A/M L N/A	Y						Win Int Sash		M/I A/M L N/A	Y				
	Ceiling		A/M L N/A	Y						Exterior Sill		M/I L N/A	Y.				
	Door	10,0	AMO N/A	Y						Part Bead		M/I L N/A	Y				
0	Door Casing	10,0	ATHI L N/A	Y						Blind Stop		M/I L N/A	Y				
V	Door Jamb	10.0	AM L N/A	Y						Win Ext Sash		M/I L N/A	Y				
	Threshold		A/M L N/A	Y						Window Sill		M/I A/M L N/A	Y				
	Door	10,0	AML N/A	Y						Win Apron		A/M L N/A	Y				
0	Door Casing	10.0	AM L N/A	Y						Win Casing /		A/M L N/A	Y				
B	Door Jamb	Dic	AM L N/A	Y						Header Stop		M/I A/M L N/A	Y				
	Threshold		A/M L N/A	Y						Int Stops /		M/I A/M L N/A	Y				
	Door		A/M L N/A	Y						Win Int Sash		M/I A/M L N/A	Y				
	Door Casing		A/M L N/A	Y	4					Exterior Sill		M/I L N/A	Y				
	Door Jamb		A/M L N/A	Y						Part Bead		M/I L N/A	Y				
	Threshold		A/M L N/A	Y		1				Blind Stop		M/I L N/A	Y				
	Door		A/M L N/A	Y						Win Ext Sash		M/I L N/A	Y				
	Door Casing		A/M L N/A	Y			1.1			Closet Door	16.0	A/M L N/A	Y				
	Door Jamb		A/M L N/A	Y						CI Casing	10.0	ANY L N/A	Y				
	Threshold		A/M L N/A	Y						Closet Jamb	10.0	A/M L N/A	Y				
	Window Sill	10,0	MI AML N/A	Y					0	Closet Walls	10.0	A/M L N/A	Y				
1	Win Apron	10,0	AML N/A	Y					15	CI Baseboard		A/M L N/A	Y				
DI	Win Casing	10,0	AM L NA	Y					-	Closet Pole		A/M L N/A	Y				
2	Header Stop		M/I A/M L N/A	Y						Closet Shelf	10,0	A/M L N/A	Y				
	Int Stops		M/I A/M L N/A	Y						CI Supports	10.0	ATM L N/A	Y				
	Win Int/Sash		M/I A/M L N/A	Y						Closet Floor		A/M L N/A	Y				
	Exterior Sill		M/ L N/A	Y						<b>Closet</b> Ceiling		A/M L N/A	Y				
	Part Bead		M/I L N/A	Y						Fireplace		A/M L N/A	Y				
	Blind Stop		M/I L N/A	Y						Mantle		A/M L N/A	Y				
	Win Ext Sash		M/I L N/A	Y						Trend	10.0	M/I A/M (C)N/A	Y				
COM	MENTS / STRU	CTURA	L DEFECTS:							Riser	10,0	M/ A/M ()N/A	Y				
										Lower W	21/10	MA A/M L N/A	Y				
												M/I A/M L N/A	Y				
												M/I A/M L N/A	Y				
		EXC	CLUDED SURF	ACES	S: Surfac	ces lister	d in thes	e boxes o	an be	made intact	only b	y a licensed del	eader	r.			
SIDE	LOCATION	1	MEASURE: LO	OSE P	AINT		IC	IC	SIDE	LOCATIO	N	MEASURE: LC	DOSE F	PAINT		IC	IC
			(MORE THAN 2	288 SQ	). IN.)		DATE	METHOD				(MORE THAN	288 SC	2. IN.)		DATE	METHOD
-			the second s	-					-								

A	my Fra	an	kin .	)(7)(C)	(b)(6) & (b)(7)(C) Signature Date					13/04			Page	14 <sub>or</sub> 1	1		
Insp	ector (print)			LIC #		Sigr	ature					Date					
Risk	Assessor (prir	nt)		Lic#		Siar	ature					Date					)
Addr	ess of Property	,	917 N	ha	111	St			Ant ±	E .		City 1	111	EVA	ND	HA	VEN
EXT	ERIOR		<u>(   14</u>	171	<i>N</i> .		•		- Apt n			Ony	1.100	-/ //		11-10	-10
SIDE	LOCATION/		TYPE OF	URG	IC	IC			SIDE	LOCATION/		TYPE OF	LIRG	IC	ic		
A	SURFACE		HAZARD	HA72	DATE	METH	DATE	METH	A	SURFACE		HAZARD	HA72	DATE	METH	DATE	METH
	Siding	67		Y	DATE	WILL IT I	DATE			Window Sill			V V	DAIL	IVIL III	DATE	
1	Corner/Boards	14		v v					Δ	Win Casing			v				
Δ	Lower Trim	-		Y	-					Window Sash			V				
	Lower Trim	11								Window Odsin			V				
1	Win Ahoun E	NH	AMALINIA							Window Sill	-	A/M L N/A	T				
	Pareh Abaua 5		AVM L N/A	Y					^	Win Casing		AVM L N/A	Y				
?	Porchy Above 5		AVM L N/A	Y						window Sash		A/M L N/A	Ŷ				
	Storm Door	0.0	A/M L N/A	Y						Cellar Win Sill	10.0	A/M(L) N/A	Y				
	Door	D.5	A/M L N/A	Y					A	Cel Win Sash	10,0	A/M L N/A	Y				
A	Door Casing	0.6	A/M L N/A	Y						Cel Win Frame	10.0	A/M L N/A	Y				
	Door Jamb	5.9	A/M L N/A	Y	-					Cellar Win Sill		A/M L N/A	Y				
	Threshold	1.4	AMIL N/A	Y					A	Cel Win Sash		A/M L N/A	Y				
-	Kickplate		A/M L N/A	Y						Cel Win/Frame		A/M L N/A	Y				
	Storm Door		A/M L N/A	Y						Cellar Win Sill		A/M L N/A	Y				
A	Door		A/M L N/A	Y					A	Cel Win Sash		A/M L N/A	Y				
	Door Casing		A/M L N/A	Y						Cel Win Frame		A/M L N/A	Y				
	Door Jamb		A/M L N/A	Y						Cellar Win Sill		A/M L N/A	Y				
	Threshold		A/M L N/A	Y					Α	Cel Win Sash		A/M L N/A	Y				
	Kickplate		A/M L N/A	Y						Cel Win Frame		A/M L N/A	Y				
	Door		A/M L N/A	Y						Foundation	1,1	A/M L N/A	Y				
Α	Door Casing		A/M L N/A	Y	1				Α-	Bulkhead		A/M L N/A	Y				
	Door Jamb		A/M L N/A	Y	X					Fences	5.0	A/M L N/A	Y				
	Threshold	đ	A/M L N/A	Y					-	Shutters		A/M L N/A	Y				
	Door	Ť.	A/M L N/A	Y						Newel post	2.9	A/M L N/A	Y				
A	Door Casing		A/M L N/A	Y						Railing Cap	53	A/M L N/A	Y				
	Door Jamb		A/M L N/A	Y						Handrail	0.0	A/M L N/A	Y				
	Threshold		A/M L N/A	Y					A-	Balusters		A/M L N/A	Y				
	Window Sill	0.2	A/M L N/A	Y						Lower Rail	3,0	A/M L N/A	Y				
A	Win Casing	51	A/M L N/A	Y						Treads	P.O	A/M L N/A	Y				
	Window Sash	N	A/M L N/A	Y						Risers	6.3	A/M L N/A	Y				
	Window Sill		A/M L N/A	Y						Stringer	10	A/M L N/A	Y		-		
A	Win Casing		A/M L N/A	Y						TION	0.2	A/M L N/A	Y				
	Window Sash		A/M L N/A	Y		1				Carlia	NI	A/M (L N/A	Y			-	
COMM	COMMENTS / STRUCTURAL DEFECTS:									LELINS	19/1	A/M I N/A	Y				
												A/M L N/A	Y				
											_	A/M L N/A	Y				
												A/M L N/A	Y				
	Excluded	Surfa	ces: Surfaces	isted	in this b	ox can b	e made					Soil Teel	Ree	lits			
		in	tact only by a li	cense	d delea	der	o made			(Must be les	s than	400 ppm for p	lay an	ea / 120	0 ppm fo	or bare s	oil)
SIDE	LOCATION	MEASURI	SE PAINT	r I	IC	IC		OCATION							REMED		
A			(MORE TH	IAN 14	40 SQ. IN	.)	DATE	METH			-	( Square Fee	et )		(PPM)	DATE	METH

LOCATION	MEASURE: LOOSE PAINT (MORE THAN 1440 SQ. IN.)	IC DATE	IC METH	LOCA
				Play /
4		2		Bare
	1			Comm

(Square Feet) (PPM) DATE METH

Play Area	
Bare soil	
Comments:	

LI/RA RepExtA, 1/17/02

A A A

A	my Fra	an	kin -	b)(6) & ( Lic ‡	b)(7)(C) ‡	(b Sigi	o)(6) nature	& (b	)(7	)(C)	4	1 <u>3/04</u> Date	/		Page	<u>ю́ of</u>	1
Risk Addr	Assessor (prin	nt) (	917	Lic#	AIN	Sigr	nature S#		Apt #	ŧ		Date City	1 N	EYA	e)	HA	EN
EXI	ERIOR											No coloreste alla constanti di la constanti di	-				
SIDE	LOCATION/	LEAD	TYPE OF	URG	IC	IC	DELEAD	DELEAD	SIDE	LOCATION/	LEAD	TYPE OF	URG	IC	IC	DELEAD	DELEAD
В	SURFACE		HAZARD	HAZ?	DATE	METH	DATE	METH	В	SURFACE		HAZARD	HAZ?	DATE	METH	DATE	METH
	Siding	0.0	A/M L N/A	Y						Window Sill		A/M L N/A	Y				
	Comer Boards		A/M L N/A	Y					В	Win Casing		A/M L N/A	Y				
В	LowerTrim		A/M L N/A	Y					11	Window Sash		A/M L N/A	Y				
	Upper Trim	JA	A/M L N/A	Y						Window Sill	-	A/M L N/A	Y				
	Win Above 5'	1.71	A/M L N/A	Y					в	Win Casing		A/M L N/A	Y				
	Porch Above 5	-		Y					-	Window Sash			Y				
	Ctorm Door									Collor Win Cill	10		·				
	Deer		AVM L N/A	T						Cellar Will Sill	101	AVM L NA					
D	Door		A/M L N/A	Y					P P	Cel Win Sash	10.0	A/M L N/A	T		-		
D	Door Casing		A/M L N/A	Y						Cel Win Frame	10.0	A/M L N/A	Ŷ				
	Door Jamb		A/M L N/A	Y						Cellar Win Sill		A/M L N/A	Y				-
	Threshold		A/M L N/A	Y			1		В	Cel Win Sash		A/M L N/A	Y				
_	Kickplate		A/M L N/A	Y						Cel Win Frame		A/M L N/A	Y	2			
	Storm Door		A/M L N/A	Y						Cellar Win Sill		A/M L N/A	Y				
В	Door		A/M L N/A	Y					В	Cel Win Sash		A/M L N/A	Y				
	Door Casing		A/M L N/A	Y						Cel Win Flame		A/M L N/A	Y				
	Door Jamb		A/M L N/A	Y						Cellar Win Sill		A/M L N/A	Y				
	Threshold		A/M L N/A	Y					В	Cel Win Sash		A/M L N/A	Y	·			
	Kickplate		A/M L N/A	Y						Cel Win Frame		A/M L N/A	Y		1.0		
-	Door		A/M L N/A	Y						Foundation	2.0	A/M L N/A	Y				
В	Door Casing		A/M L N/A	Y					В	Bulkhead	21-	A/M L N/A	Y				
	Door Jamb		A/M L N/A	Y						Fences	_	A/M L N/A	Y				
	Threshold	-	A/M L N/A	Y						Shutters		A/M L N/A	Y				No. 11
-	Door			v						Newel post	-	A/M 1 N/A	Y	_			
R	Door Casing			v						Pailing Can	1		v				
0	Door Jamb			v						Handmil			v				
	Threshold			v	_				B	Reluetore			v	-			
_	Mindaw Oil	e 7		T N					1	Dalusiers	_		· ·				
D	Window Sill	0.5	A/M L N/A	Ŷ						Lower Rail		A/M L N/A	Y				-
Б	Win Casing	1.6	A/M L N/A	Y						Treads	_	A/M L N/A	Y				
<u>.</u>	Window Sash	UN	A/M L N/A	Ŷ						Risers		A/M L N/A	Y				
-	Window Sill		A/M L N/A	Y						Stringer		A/M L N/A	Y				
В	Win Casing		A/M L N/A	Y					. /			A/M L N/A	Y				
	Window Sash		A/M L N/A	Y					- t	``````````````````````````````````````		A/M L N/A	Y				
COM	MENTS / STRUC	TURA	L DEFECTS:									A/M L N/A	Y				1
									В			A/M L N/A	Y				
												A/M L N/A	Y			1.1.1	
AM L N/A Y																	
	Excluded Surfaces: Surfaces listed in this box can be made intact only by a licensed deleader (Must be less than 400 ppm for play area / 1200 ppm for bare soil)																
SIDE LOCATION MEASURE: LOOSE PAINT						IC	IC	C LOCATION AREA MEASUREMENT RESULT REMED RE					REMED				
в			(MORE TH	AN 14	140 SQ. IN	l.)	DATE	METH				( Square Fe	et)		(PPM)	DATE	METH
В					10					Play Area							
B	-								-	Bare soil							

LI/RA RepExtB, 1/17/02

В

В

Comments:

Amy Franklin (bx0) & (bx7)(c)							(b)(6) & (b)(7)(C)				4/13/04				Page 16 Of 17		
Inspector (print) Lic # S					Sign	Signature Date											
Risk Assessor (print) Lic# Sig						Sign	ignature Date										1
Address of Property 917 MAIN 3					37.	ST. Apt#					City VINETA.				HAV	EN	
EXT	ERIOR																
SIDE	LOCATION/	LEAD	TYPE OF	URG	IC	IC	DELEAD	DELEAD	SIDE	LOCATION/	LEAD	TYPE OF	URG	IC	IC	DELEAD	DELEAD
С	SURFACE		HAZARD	HAZ?	DATE	METH	DATE	METH	С	SURFACE		HAZARD	HAZ?	DATE	METH	DATE	METH
	Siding	0,0	A/M L N/A	Y						Window Sill		A/M L N/A	Y				
	Comer Boards		A/M L N/A	Y					С	Win Casing		A/M L N/A	Y				
С	Lower Trim	1.	A/M L N/A	Y					С	Window Sash		A/M L N/A	Y				
	Upper Trim	NIF	A/ML N/A	Y						Window Sill		A/M L N/A	Y				
	Win Above 5'		A/M L N/A	Y						Win Casing		A/M L N/A	Y				
	Porch Above 5'		A/M L N/A	Y						Window Sash		A/M L N/A	Y				
	Storm Door	5.3	A/M L N/A	Y						Cellar Win Sill		A/M L N/A	Y				
	Door	0.3	A/M L N/A	Y		1			C	Cel Win/Sash		A/M L N/A	Y				
С	Door Casing	0.9	A/M L N/A	Y						Cel Win Frame		A/M L N/A	Y				
	Door Jamb	81	A/M L N/A	Y						Cellar Win Sill		A/M L N/A	Y				
	Threshold	2.0	A/M L N/A	Y					С	Cel Win Sash		A/M L N/A	Y				
	Kickplate		A/M L N/A	Y						Cel Win Frame		A/M L N/A	Y				
	Storm Door		A/M L N/A	Y						Cellar Win Sill		A/M L N/A	Y				
C	Door		A/M L N/A	Y					С	Cel Win Sash		A/M L N/A	Y				
	Door Casing		A/M L N/A	Y			3			Cel Win Frame		A/M L N/A	Y				
	Door Jamb		A/M L N/A	Y			1		c/	Cellar Win Sill		A/M L N/A	Y		+		
	Threshold		A/M L N/A	Y						Cel Win Sash		A/M L N/A	Y				
	Kickplate		A/M L N/A	Y						Cel Win Frame		A/M L N/A	Y				
	Door		A/M L N/A	Y					с	Foundation	16.3	A/M L N/A	Y				
С	Door Casing		A/M L N/A	Y	1					Bulkhead		A/M L N/A	Y				
	Door Jamb		A/M L N/A	Y						Fences		A/M L N/A	Y			1.0	
	Threshold		A/M L N/A	Y		-	19			Shutters		A/M L N/A	Y				
	Door		A/M L N/A	Y						Newel post	6,6	A/M L N/A	Y				
С	Door Casing		A/M L N/A	Y					C.	Railing Cap	0.2	A/M L N/A	Y				
	Door Jamb		A/M L N/A	Y						Handrail	6.5	A/M L N/A	Y				
1	Threshold		A/M L N/A	Y						Balusters		A/M L N/A	Y				
	Window Sill	NA	A/M L/N/A	Y				1.00		Lower Rail	6.2	A/M L N/A	Y		, n		
С	Win Casing	NA	AMLINA	Y	. /					Treads	0.6	A/M L N/A	Y				
	Window Sash	CN	A/M L N/A	Y						Risers	0.3	A/M L N/A	Y				
	Window Sill		A/M L N/A	Y				1.1	KI	Stringer	0,0	A/M L N/A	Y				
С	Win Casing		A/M L N/A	Y				1		FLOOR	0.3	A/M L N/A	Y				
	Window Sash		A/M L N/A	Y						Ceilia	NA	A/M L N/A	Y				
COM	IENTS / STRUC	TURA	L DEFECTS:					1.1		sering.	1.12	A/M L N/A	Y				
								С			A/M L N/A	Y					
												A/M L N/A	Y				
											A/M L N/A	Y	1			1	
Excluded Surfaces: Surfaces listed in this box can be made Soil Test Results (Must be less than 400 ppm for play area / 1200 ppm for bare so											soil)						
SIDE	E LOCATION MEASURE: L		E: LOOSE PAINT		IC	IC		LOCATION		AREA MEASUREMENT				RESULT REMED REMED			
С	(MORE		(MORE TI	THAN 1440 SQ. IN.)		DATE	METH				( Square Feet )				DATE	METH	
С									Play Area							100	
С										Bare soil							

Comments:

I

LI/RA RepExtC, 1/17/02

С

С

Amy Franklin			kin .	(b)(6) & (b)(7)(C)				& (b)(7)(C)			4/12/04				Page 17 of 17		
Inspector (print)			1	Lic #		Sign	ature			Date				Page Or			
Risk	Assessor (prin	nt)	1	Lic#		Sign	ature					Date					. /
Addr	ess of Property	r i	917 .	MA	FIN	S	+		Apt #		1	City V	INC	EYA	D	HAV	EN
EXT	ERIOR 5	47												10	10		
SIDE	LOCATION/	LEAD	TYPE OF	URG	IC	IC	DELEAD	DELEAD	SIDE	LOCATION/	LEAD	TYPE OF	URG	IC		DELEAD	DELEAD
-	SURFACE	011	HAZARD	HAZ?	DATE	MEIH	DATE	METH	0	SURFACE Window Sill	_		V	DATE		DATE	IVIE III
	Corner Boards	14		Y					D	Win Casing		A/M L N/A	Y		•		
D	Lower Trim		A/M L N/A	Y						Window Sash		A/M L N/A	Y				
	Upper Trim A	110	A/M L) N/A	Y						Window Sill		A/M L N/A	Y				
	Win Above 5'	///	A/M L N/A	Y					D	Win Casing		A/M L N/A	Y	-			
	Porch Above 5'		A/M L N/A	Y						Window Sash		A/M L N/A	Y				
	Storm Door		A/M L N/A	Y						Cellar Win Sill	0.01	A/M L N/A	Y				
	Door		A/M L N/A	Y	ak in				D	Cel Win Sash	id,C	ATM L N/A	Y				
D.	Door Casing		A/M L N/A	Y						Cel Win Frame	0.0	A/M L N/A	Y			1	
	Door Jamb		A/M L N/A	Y						Cellar Win Sill		A/M L N/A	Y				
	Threshold		A/M L N/A	Y	1				D	Cel Win Sash		A/M L N/A	Y				
	Kickplate		A/M L N/A	Y	(					Cel Win Frame		A/M L N/A	Y				
	Storm Door		A/M L N/A	Y						Cellar Win Sill		A/M L N/A	Y				
	Door \		A/M L N/A	Y					U	Cel Win Sash		A/M L N/A	Y				
0	Door Casing			Y						Celler Win Frame	_		V				
	Door Jamp			Y					D	Cel Win Sash			Y				
	Kickplate		A/M L N/A	Y			1			Cel/Win Frame		A/M L N/A	Y				
	Door		A/M L N/A	Y					-	Foundation	(0)	A/M L N/A	Y				
D	Door Casing		A/M Ĺ N/A	Y					D	Buikhead	n.2	A/M L N/A	Y				
	Door Jamb		A/M L N/A	Y						Fences /		A/M L N/A	Y				
	Threshold		A/M L N/A	Y				1.2		Shutters		A/M L N/A	Y				
	Door		A/M L N/A	Y						Newel post		A/M L N/A	Y				
D	Door Casing		A/M L N/A	Y						Railing Cap		A/M L N/A	Y				
	Door Jainb		A/M L N/A	Y						Handrail		A/M L N/A	Y				1
	Threshold		A/M L N/A	Y					D	Balusters		A/M L N/A	Y				<u>(</u> )
	Window Sill		A/M L N/A	Y	1					Lower Rail		A/M L N/A	Y				
U	Win Casing	1	A/M L N/A	Y						Diego	_	A/M L N/A	Y				
	Window Sash	57		T			_			Strager			v			2	
D	Win Cosing	5.10	AVM L NVA	V					-	Junger	-	AMA L NIA	V				
1	Window Sash	210		Y								A/M L N/A	Y				
COM	VENTS / STRUC	TURA	L DEFECTS									A/M L N/A	Y				
00111									D			A/M L N/A	Y				
												A/M L N/A	Y				
												A/M L N/A	Y				
Excluded Surfaces: Surfaces listed in this box can be made Soil Test Results																	
intact only by a licensed deleader (Must be less than 400 ppm for play area / 1200 ppm									or bare s	oil)							
SIDE	DE LOCATION MEASU		MEASUR	URE: LOOSE PAINT			IC	IC	I	OCATION	AREA MEASUREMENT			RESULT	REMED	REMED	
D		(MORE THAN 1440 SQ. IN.)			DATE	METH			-	( Square Fe	et)	7	(PPM)	DATE	METH		
D										Play Area		7					1
D										Bare soil							
D									(	Comments:						+	
D							1										

LI/RA RepExtD, 1/17/02

1

## Phase I/II Environmental Site Assessment Report West Chop Light 917-921 Main Street Tisbury, Massachusetts

Prepared for

U.S. Coast Guard – Civil Engineering Unit Providence 300 Metro Center Boulevard Warwick, Rhode Island 02886

### Prepared by

EA Engineering, Science, and Technology, Inc. Airport Professional Park 2350 Post Road Warwick, Rhode Island 02886

> March 2008 EA Project No. 61710.26

## Phase I/II Environmental Site Assessment Report West Chop Light 917-921 Main Street Tisbury, Massachusetts

Prepared for

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# LIST OF ACRONYMS

AST	Aboveground storage tank
ASTM	American Society for Testing and Materials
CERCLA	Comprehensive Environmental Response, Compensation, and Liability Act of 1980
CEU	Civil Engineering Unit
EA	EA Engineering, Science, and Technology, Inc.
EDR	Environmental Data Resources, Inc.
EPA	United States Environmental Protection Agency
ESA	Environmental Site Assessment
LSI	Limited Site Investigation
MADEP	Massachusetts Department of Environmental Protection
mg/kg	Milligram per kilogram
NPL	National Priorities List
RCRA	Resource Conservation and Recovery Act of 1976
REC	Recognized Environmental Condition
USCG	U.S. Coast Guard
USGS	U.S. Geological Survey
XRF	X-ray fluorescence

#### 1. EXECUTIVE SUMMARY

#### **1.1 INTRODUCTION**

This report presents the findings of a Phase I Environmental Site Assessment (ESA) of the U.S. Coast Guard (USCG) West Chop Light at 917-921 Main Street in Tisbury, Dukes County, Martha's Vineyard, Massachusetts (the Site). The Site, which is listed as owned by the U.S. Government on field cards, has an area of 2.17 acres. It is identified on the Town of Tisbury Tax Assessor Map as Map 2, Block H, Lot 2. This Phase I ESA was conducted at the request of the USCG, pursuant to Contract No. DTCGG1-02-D-3RX002, Order No. HSCGG1-07-J-3RX009.

This Phase I ESA was performed in accordance with the scope of work developed by EA Engineering, Science, and Technology, Inc. (EA) pursuant to the American Society for Testing and Materials (ASTM) E 1527-05, Standard Practice for ESAs; Phase I ESA Process.

#### **1.2 PURPOSE OF THE SURVEY**

This Phase I ESA was conducted to determine if recognized environmental conditions (RECs), as defined by ASTM E 1527-05, are present on the Site. This Phase I ESA is being undertaken as part of the USCG lighthouse divestiture program. The purpose of the Phase I ESA is to identify, to the extent feasible pursuant to the process prescribed in ASTM E-1527-05, RECs in connection with the property. A REC is defined as the presence or likely presence of hazardous substances or petroleum products on a property under conditions that indicate an existing release, past release, or material threat of a release of any hazardous substance or petroleum products into structures on the property or into the ground, groundwater, or surface water of the property. The ASTM E-1527-05 practice constitutes All Appropriate Inquiries for the purpose of Landowner Liability Protections, under the Comprehensive Environmental Response, Compensation, and Liability Act (CERCLA).

A Phase II Limited Site Investigation (LSI) was performed concurrently with the Phase I ESA. The Phase II LSI targeted sampling for common contaminants at lighthouses. Samples were collected for lead in soil around current and former structures; petroleum in soil around structures that may have used or stored petroleum products; and, if the document review indicated that the lighthouse formerly used a mercury light pedestal, then mercury wipe samples were collected.

#### **1.3 SITE DESCRIPTION**

The Site is currently occupied by the USCG and is actively used as an aid to navigation as well as a residence for USCG officers and private citizens. West Chop Light is a brick light with a concrete foundation (Appendix B, Photo 1). The light structure includes an attached small, single-story building. The associated buildings at the Site include: two 2-story wood-frame residences with brick foundations, a single-story wood-frame two-car garage, a single-story wood-frame fog signal building with a brick foundation, and a single-story brick building labeled as a "Paint and Oil Locker." There is also a metal/concrete fog signal on the eastern edge of the

Site on a concrete pad. The Site is vegetated with grass throughout the developed northern and western portions of the Site, with trees on the southern portion of the Site.

The original West Chop Light was a stone tower constructed in 1817. There was also a stone keeper's dwelling associated with this tower. Although on this Site, it was constructed closer to the eastern edge of the Site than its current location. Due to erosion of the shoreline, the light was moved toward the west and an assistant keeper's dwelling was constructed in 1846. A fourth-order Fresnel lens was installed in 1857 and is still used. The original stone keeper's house was reconstructed as a wood-frame building on the foundation of the original house in 1888. The current brick light was constructed in 1892 following the demolition of the original stone light. The light was automated in 1976.

A fog horn was originally constructed in 1881. It was transferred to steam air pressured in 1936 following prior steam power.

#### 1.4 SITE RECONNAISSANCE

An interview with the USCG Environmental Protection Specialist for the Boston area and an inspection of the Site was conducted by Ms. Jill Ann Parrett, P.G., of EA, on 13 November 2007. The Site was accessed from Main Street. USCG personnel did not accompany EA on this inspection. All developed areas of the Site were inspected.

The site reconnaissance did not indicate the visual presence of any significant releases of oil/hazardous materials.

#### **1.5 RECORDS REVIEW**

According to a search of federal and state environmental databases conducted by Environmental Data Resources, Inc. (EDR), the Site was listed in the Massachusetts Department of Environmental Protection (MADEP) Release and Leaking Aboveground Storage Tank (AST) lists. This was in response to an incident on 9 February 2006 where the basement AST of the keeper's house was overfilled during home heating oil delivery. This resulted in the excavation and disposal of approximately 6.5 tons of soil excavated from around the AST and a basement sump. Following the excavation and determination that the contamination had been reduced to background levels, a Response Action Outcome Statement was submitted to MADEP in April 2007. Therefore, this was not determined to be a REC for the Site.

#### **1.6 CONCLUSIONS**

EA has performed this Phase I ESA in conformance with the scope and limitations of ASTM E-1527-05 of the West Chop Light on Main Street in Tisbury, Martha's Vineyard, Massachusetts. Any exceptions to, or deletions from, this practice are described in Section 11. In addition, EA performed a Phase II LSI and collected lead in soil samples around current and former structures.

917-921 Main Street Tisbury, Massachusetts

A REC is defined as the presence or likely presence of hazardous substances or petroleum products on a property under conditions that indicate an existing release, past release, or material threat of a release of any hazardous substance or petroleum products into structures on the property or into the ground, groundwater, or surface water of the property. The following RECs were noted during this ESA:

• The historic use of lead-based paint on all structures within the USCG property represents a REC. Lead-based paint tends to chip from buildings in flakes which then cause elevated concentrations of lead within the surrounding soils. This is of particular concern at West Chop Light given the residential nature of the property, including evidence of food production in a raised planting bed adjacent to the garage.

EA conducted a Phase II LSI of surface soil around the current light tower and all Site buildings. This investigation was conducted to assess the potential impacts from historic lead-based paint use on surface soils. Results indicated that the surface soil has been impacted by historic use of lead-based paint to an extent significantly above the U.S. Environmental Protection Agency (EPA) standards.

# 1.7 RECOMMENDATIONS

The following recommendations, though not required under the ASTM E-1527-05 standard, are provided as a courtesy to USCG:

• EA recommends further delineation of the extent of lead contamination in soils.

#### 2. INTRODUCTION

#### 2.1 PURPOSE

The purpose of the Phase I ESA and Phase II LSI is to identify, to the extent feasible pursuant to the process prescribed in ASTM E-1527-05, RECs in connection with the property. A REC is defined as the presence or likely presence of hazardous substances or petroleum products on a property under conditions that indicate an existing release, past release, or material threat of a release of any hazardous substance or petroleum products into structures on the property or into the ground, groundwater, or surface water of the property. The ASTM E-1527-05 practice constitutes All Appropriate Inquiries for the purpose of Landowner Liability Protections, under CERCLA. This report reflects the observations, information, and data collected by EA during the period 23 October 2007 through X March 2008. Supporting documentation is provided in the appendixes as follows:

• Appendix A—Figures

- Appendix B—Photograph Log
- Appendix C—Historical Research Documentation (including fire insurance maps and historical topographic maps)
- Appendix D—Regulatory Records Documentation
- Appendix E—Supporting Interview Documentation
- Appendix F—EDR Database Report
- Appendix G—Analytical Results.

### 2.2 DETAILED SCOPE OF SERVICES

EA prepared this Phase I ESA in accordance with EA Proposal No. 05272.62, dated 12 June 2007. This Phase I ESA was performed in accordance with ASTM E-1527-05 (Standard Practice for ESAs: Phase I ESA Process) and consists of a review of current and historic activities and conditions at the property and surrounding properties, including a non-intrusive visual inspection of the property; review of local, state, and federal regulatory database records; review of available historic records; and a survey of adjacent land uses. The Site reconnaissance is not intended to evaluate the presence of contaminants requiring invasive sampling for their presence or quality, such as asbestos, lead-based paint, drinking water quality, or radon, nor does it include chemical analysis of groundwater, surface water, or an intensive examination of facility hazards (compliance audit). These contaminants are not required to be evaluated as part of an ASTM Phase I ESA. For the purposes of this Phase I ESA, surface soil sample collection, screening, and analysis for lead and petroleum products were included in the scope.

### 2.3 SIGNIFICANT ASSUMPTIONS

In expressing the opinions stated in this report, EA has exercised the degree of skill and care ordinarily exercised by a reasonable, prudent Environmental Professional in the same community and in the same time frame given the same or similar facts and circumstances. EA assumes that the client, as set forth in the contractual agreement, is also the user as defined by ASTM E-1527-05. Documentation and data provided by the user, designated representatives thereof, or other interested third parties, or from the public domain, and referred to in the preparation of this assessment, were used and referenced. Consequently, EA assumes no responsibility or liability for the accuracy of such documentation or data.

The independent conclusions in this report represent EA's professional judgment based on information and data available to EA during the course of this assignment. Factual information regarding operations, conditions, and test data provided by the user or their representative are assumed to be correct and complete. The conclusions presented are based on the data provided, observations, and conditions that existed on the date of the onsite visit.

### 2.4 LIMITATIONS AND EXCEPTIONS

EA does not warrant that there are no toxic or hazardous materials or contamination beyond those identified in this report, nor does EA accept any liability if such are found at some future time, or could have been found if additional sampling or additional studies were conducted. EA does not assume responsibility for other environmental issues that may be associated with this subject property.

In view of the rapidly changing status of environmental laws, regulations, and guidelines, EA cannot be responsible for changes in laws, regulations, or guidelines that occur after the study has been completed and that may affect the subject property.

This report was prepared for the USCG by EA and is based in part on third party information not within the control of USCG or EA. While it is believed that the third party information contained herein will be reliable under the conditions and subject to the limitations set forth herein, neither USCG nor EA guarantee the accuracy thereof.

#### 2.5 SPECIAL TERMS AND CONDITIONS

No special terms or conditions were associated with this ESA.

#### 2.6 USER RELIANCE

This report is exclusively for the use and benefit of USCG as shown on the cover page of this report. This report is not for the use or benefit of, nor may it be relied upon by, any other person or entity without the advance written consent of EA.

#### **3. SITE DESCRIPTION**

## 3.1 LOCATION AND LEGAL DESCRIPTION

The subject property is hereby defined as the West Chop Light at 917-921 Main Street in the Town of Tisbury, Dukes County, Martha's Vineyard, Massachusetts. The Site is developed with the light, two residences, a fog signal building, a garage, and an oil house. The property is currently owned by and listed as the "U.S. Government" on the Town of Tisbury Tax Assessor field cards. The Site is listed as Map 2H, Lot 2 with the Town of Tisbury Tax Assessor and has an area of 2.17 acres. The original property had an area of approximately 4 acres and was purchased in 1817. The boundaries of the subject property, as depicted on the current tax map, are shown on Figure 2A (Appendix A).

# 3.2 SITE AND VICINITY GENERAL CHARACTERISTICS

The Site is located within an area of single-family residences. No commercial or industrial land usage was noted in the immediate vicinity of the Site.

#### 3.2.1 Topography

The Site is located on the Vineyard Haven-quadrangle U.S. Geological Survey (USGS) topographic map and is approximately between 15 and 30 ft above mean sea level as shown on Figure 1 (Appendix A, USGS 1972). Within the Site itself, there is a slope toward the northeast and Vineyard Haven Harbor. There are no surface water bodies within the Site.

#### 3.2.2 Geology/Hydrogeology

According to the Geologic Age and Rock Stratigraphic Unit Source (USGS Digital Data Series-11 [1994]) cited by the EDR report, the Site is underlain by a sedimentary stratified sequence. One well is registered within a 1-mi radius of the Site. This well is a USGS monitoring well to the west/southwest between 0.5 and 1 mi of the Site. No public drinking supply wells were listed on the databases searched.

#### 3.2.3 Soils

According to U.S. Department of Agriculture State Soil Geographic Database data cited in the EDR report, no soil detail is available for the Site. Soils encountered throughout the sampling activities ranged from a fine organic loam with some gravel to fine to medium sand with high quantities of gravel.

#### 3.2.4 Wetlands and Floodplain

According to the National Wetland Inventory and Massachusetts Resource Areas regulated under the Massachusetts Wetland Protection Act, there are no state- or federally-registered wetlands located on the Site. The Site is located within an area of Flood Zone Designation C,

an area of minimal flooding. Federal Emergency Management Agency Flood Insurance Community Panel No. 250073 0001C was reviewed as part of this ESA.

### 3.3 CURRENT USE OF THE PROPERTY

The subject property is currently used by the USCG as an unmanned aid to navigation and residence for a USCG officer and family in the keeper's house, as well as private citizens in the assistant keeper's house. West Chop Light is a white-painted brick light with a concrete foundation. There is also a fog signal at the Site.

# 3.4 DESCRIPTION OF ONSITE STRUCTURES, ROADS, AND IMPROVEMENTS

The Site is developed with two residences, the light tower, a fog signal building, and an oil house. The light tower was constructed in 1891. The first light at the Site was constructed in 1817 but was demolished due to shore erosion and structural concerns. The tower was rebuilt in 1846 close to the current location, and rebuilt in 1891 to address increased development in the area obscuring the signal (Appendix B, Photos 1 and 2). The light tower contains a forth-order Fresnel lens flashing white. This lens was apparently used in the previous light beginning in 1857. It is powered through aboveground electric lines. It was automated in 1976.

A stone keeper's dwelling was constructed at the time of the original light. It was replaced by another stone dwelling during construction of the second tower, following its transport offsite to Downtown Tisbury. It was replaced by the current 1.5-story, wood-frame building in 1888 (Appendix B, Photo 3). The assistant keeper's dwelling was constructed in 1882 (Appendix B, Photo 3). There is a single-story, wood-frame garage associated with the keeper's dwelling constructed in 1935 (Appendix B, Photo 4).

The fog signal building is a single-story, wood-frame structure with a concrete slab foundation constructed in 1882 (Appendix B, Photo 5). The fog signal building was originally constructed to supply steam to the fog signal located to the south on the shoreline. It currently houses the signal power supply, control panel, and fog detector. It is also used for storage.

The oil house is labeled as "Paint and Oil Storage Locker." It is a single-story brick building located in the eastern corner of the Site (Appendix B, Photo 6). It was reportedly constructed in 1895.

## 3.5 CURRENT USE OF ADJOINING PROPERTIES

Abutting properties are single-family residential developments.

# 4. USER PROVIDED INFORMATION

A copy of the ASTM E-1527-05 User Questionnaire utilized for the purpose of requesting the following information is presented in Appendix E. A Real Property Specialist with USCG – Civil Engineering Unit (CEU) Providence was contacted by EA and provided answers to the questionnaire via fax. A copy of this questionnaire is provided in Appendix E.

#### 4.1 TITLE RECORDS

Information on the property exchange was reviewed as part of the USCG – CEU Providence file review. Four acres of land were transferred to the United States of America from Abijah and Mary Luce in 1817. The Site has a current area of 2.17 acres. No information was available at USCG – CEU Providence or the Town of Tisbury Tax Assessor Office to determine whether the remaining acreage was determined to be excess. The Site is currently listed as owned by the "U.S. Government."

# 4.2 ENVIRONMENTAL LIENS OR ACTIVITY AND USE LIMITATIONS

The USCG – CEU Providence representative contacted as part of this Phase I ESA indicated that, to the best of his knowledge, he is not aware of any environmental cleanup liens against the property that are filed or recorded under federal, tribal, state, or local law. He indicated that an effort to determine whether such liens exist was made, and no liens were noted.

The USCG – CEU Providence representative also indicated that, to the best of his knowledge, he is not aware of any activity and use limitations, such as engineering controls, land use restrictions, or institutional controls that are in place at the Site and/or have been filed or recorded in a registry under federal, tribal, state, or local law.

#### 4.3 SPECIALIZED KNOWLEDGE

The USCG – CEU Providence representative indicated that he does not have any specialized knowledge of the operations conducted on the subject property or nearby properties at this time or prior to the current development beyond what is available for review at USCG – CEU Providence.

# 4.4 COMMONLY KNOWN OR REASONABLY ASCERTAINABLE INFORMATION

The USCG – CEU Providence representative was questioned regarding commonly known or reasonably ascertainable information about the property that would help the Environmental Professional identify conditions indicative of releases or threatened releases such as past uses of the property, specific chemicals that are present or once were present at the property, spills or other chemical releases that have taken place on the property, or any environmental cleanups that have taken place at the property. According to the USCG – CEU Providence representative, he has no commonly known or reasonably ascertainable information which may help identify current or historic environmental issues at the Site.

## 4.5 VALUATION REDUCTION FOR ENVIRONMENTAL ISSUES

The USCG – CEU Providence representative indicated the current appraisal reflects the fair market value for this property.

# 4.6 OWNER, PROPERTY MANAGER, AND OCCUPANT INFORMATION

The Real Property Specialist with USCG – CEU Providence is considered a representative for the user of this ESA, the property manager, the current tenant, and the owner of the property.

# 4.7 REASON FOR PERFORMING THE PHASE I ENVIRONMENTAL SITE ASSESSMENT

The USCG – CEU Providence representative informed EA that this report has been contracted as part of a potential divestiture of property.

# 5. RECORDS REVIEW

A radius map report was obtained from EDR for use in preparation of this report. The EDR report was obtained to fulfill the requirements pertaining to standard environmental record sources as well as supplementary information considered additional environmental records. A copy of the EDR database report in its entirety is presented in Appendix F. Acronyms utilized in this Phase I ESA Report are provided on the List of Acronyms and/or directly within the EDR report.

# 5.1 STANDARD ENVIRONMENTAL RECORD SOURCES

### 5.1.1 Federal, State, and Tribal Records

The required federal, state, and tribal environmental databases, as listed in Table 1, were searched as part of this investigation to the specified search radius beyond the property boundary:

			Sites
		ASTM Search	within
	Target	Distance from	Search
Databases Reviewed	Property	Site (mi)	Area
Federal Databases			
National Priorities List (NPL)	0	1.5	0
Delicted NPI	0	1.5	0
NDL Recovery - Federal Superfund Liens	0	1.0	0
CERCLA Information System	0	1.0	0
CERCLA Information System No Further Action Planned	0	1.0	0
Corrective Action Report	0	1.5	0
Resource Conservation and Recovery Act (RCRA) Transport/Store/Dispose	0	1.0	0
RCBA Large Quantity Generator List	0	0.75	0
RCRA Earge Quantity Generator List	0	0.75	0
Emergency Response Notification System	0	0.5	0
US Engineering Controls – Engineering Controls Site List	0	1.0	0
U.S. Institutional Control – Site with Institutional Controls	0	1.0	0
State Databases			
State Hazardous Waste Sites – Remediation Sites Lists	0	1.0	0
DFL HWS – Sites removed from the Uncontrolled Sites List	0	1.5	0
Solid Waste Facilities/Landfills Database/Transfer Station List	0	0.5	0
Municipal Landfill Closure Program	0	1.0	0
Leaking Underground Storage Tank List	0	1.0	0
Underground Storage Tank –	0	0.75	0
Registered Underground Storage Tank Facility List			
Leaking Aboveground Storage Tank List	X	1.0	2
LIENS – Environmental Liens Information Listing	0	0.5	00
Release – Historical Spill List	Х	0.5	2
Inst Control – Remediation Sites List	0	1.0	0
Voluntary Cleanup Program – Remediation Sites List	0	1.0	0

TABLE 1 STANDARD ENVIRONMENTAL DATABASE SEARCH SUMMARY

917-921 Main Street Tisbury, Massachusetts Phase I/II Environmental Site Assessment Report West Chop Light

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EA Engineering, Science, and Technology, Inc.

	1		Sites	
		ASTM Search	within	
	Target	Distance from	Search	
Databases Reviewed	Property	Site (mi)	Area	
Drycleaners – Drycleaner Facilities	0	0.75	0	
Brownfields – Remediation Sites List	.0	1.0	0	
AIRS – Emissions Inventory Data	0	0.5	0	
TIER 2 – Facilities manufacturing hazardous materials	0	0.5	0	
LEAD – Lead inspection database	0	0.5	0	
Tribal Records				
Indian Res – Indian Reservations	0	1.0	0	

The Site was identified on the Leaking AST and Massachusetts Release databases. A review of MADEP files was conducted as part of this ESA. This was in response to an incident on 9 February 2006 where the basement AST of the keeper's house was overfilled during home heating oil delivery. The release included approximately 170 gal of No. 2 fuel oil released. This resulted in the excavation and disposal of approximately 6.5 tons of soil excavated from around the AST and within a basement sump. Following the excavation and determination that the contamination had been reduced to background levels, a Response Action Outcome Statement was submitted to MADEP in April 2007. Given the isolated nature of this event, and the submission of a Remedial Action Outcome statement per MADEP regulations, it is determined that this release does not constitute a REC for the Site.

The EDR report identified 16 "non-mappable" sites. EA attempted to locate these sites via vehicular reconnaissance and review of street maps showing the vicinity of the Site. It was determined that these properties do not have the potential to adversely impact the Site. Please refer to the EDR report (Appendix B) for a complete list of these non-mappable sites.

#### 5.1.2 Federal Database Review

No federally-listed facilities were noted within the search area.

### 5.1.3 State/Tribal Database Review

The ASTM standard state/tribal database search identified the Site on the MADEP Release and Leaking AST databases, discussed above.

#### 5.2 ADDITIONAL ENVIRONMENTAL RECORD SOURCES

#### 5.2.1 Additional Federal, State, and Tribal Databases

Table 2 provides additional federal environmental databases that were obtained from EDR and reviewed as part of this investigation.

No additional sites were identified by this search.

# TABLE 2 ADDITIONAL ENVIRONMENTAL DATABASE SEARCH SUMMARY

		Search	Sites
	Target	Distance from	within
Databases Reviewed	Property	Site (mi)	Search Area
Federal Databases			
Proposed NPL	0	1.5	0
Hazardous Materials Information Reporting System	0	0.5	0
Department of Defense Site	0	1.5	0
Formerly Used Defense Sites	0	1.5	0
US Brownfields – Listing of all Brownfields Sites	0	1.0	0
Superfund (CERCLA) Consent Decrees	0	1.5	0
Record of Decision	0	1.5	0
Uranium Mill Tailings Sites	0	1.0	0
Onen Dumn Inventory	0	1.0	0
Toxic Release Inventory System	0	0.5	0
Toxic Substances Control Act	0	0.5	0
Federal Insecticide, Fungicide, and Rodenticide Act/Toxic Substances	0	0.5	0
Control Act Tracking System			
Section Seven Tracking System	0	0.5	0
Integrated Compliance Information System	0	0.5	· 0
Polychlorinated Biphenyl Activity Database System	0	0.5	0
Material License Tracking System	0	0.5	0
Mines Master Index File	0	0.75	0
Facility Index System/Facility Registry System	0 .	0.5	0
RCRA Administrative Action Tracking System	0	0.5	0

# 5.2.2 State Regulatory (Environmental) Records Review

EA reviewed Site files at the MADEP. Results of this file review are discussed in Section 5.1.1. Records available through the USCG – CEU Providence in Warwick, Rhode Island were also reviewed. Files were reviewed at USCG – CEU Providence on 7 November 2007. Copies of key documents are provided in Appendix D. Results are discussed further in Section 5.4.7.

# 5.2.3 Town of Tisbury Office of Fire Prevention Records

According to Fire Chief John Schilling of the Tisbury Fire Department, no records are present within the Fire Prevention Office for the Site.

# 5.2.4 Town of Tisbury Assessors Department Records

The Town of Tisbury Assessor's field cards were obtained by EA for the Site. Section 5.4.3 provides a further description of historical use information contained on these cards.

# 5.2.5 Town of Tisbury Building Department Records

According to Mr. Kenneth Barwick, of the Tisbury Building Department, no records exist for the Site with that department.

#### 5.2.6 Town of Tisbury Conservation Commission Records

According to Ms. Laura Barbera of the Tisbury Conservation Commission, no records exist for the Site with that department.

#### 5.2.7 Town of Tisbury Department of Health

EA reviewed files at the Town of Tisbury Department of Health regarding the Site. These files are summarized below:

- Soil Evaluation Form, 7 December 2004—This form was completed in anticipation for the repair of the onsite sewage disposal system. It indicated that soils at the Site were of the Martha's Vineyard Moraine system. Surface soils consist of sandy loam to approximately 8 in. below ground surface, with a layer of loamy sand to 2 ft. Medium sand with little cobbles was noted to the depth of the exploration, 11 ft below ground surface. Groundwater was not noted within the excavation and was presumed to be 18 ft below ground surface.
- Application for Disposal System Construction Permit No. 3277, 8 June 2005—This was a follow-up form to the soil suitability assessment. It stated that the design for the system would be 800 gal per day. Between the two residences, there are eight bedrooms. The Site had been served by several cesspools located to the east of and between the two residences. The plan submitted with this permit indicated these would be abandoned and filled. Two 1,500-gal septic tanks, with a 36-ft × 50-ft leach field to the southeast of 917 Main Street, were noted.

#### 5.3 PHYSICAL SETTING SOURCES

#### 5.3.1 Topographic Maps

Historic topographic maps from 1894, 1944, 1951, and 1972 were reviewed as part of this ESA. The Site is located on the Vineyard Haven-quadrangle USGS topographic map, although it was located on the Martha's Vineyard-quadrangle on the 1894 map. Site topography is approximately 30 ft above sea level, as shown on Figure 1 (Appendix A, USGS 1972).

The findings of the historical topographic map review are summarized in Table 3.

## TABLE 3 TOPOGRAPHIC MAP REVIEW SUMMARY

Year	Source	Observations
1894	USGS	The West Chop Light is shown on this map, although it is difficult to determine whether a keeper's dwelling is present. There is very little development within the vicinity of the Site. Main Street at this time ends at the Site.
1944	USGS	Development has increased in the vicinity of the Site and at the Site itself. The fog signal building, keeper's and assistant keeper's dwellings, and the storage locker appear to be present at this time. There is residential development in all directions relative to the Site, and Main Street has been extended. The nearest apparent commercial development is the Mink Meadows Golf Club to the southwest.
1951	USGS	Conditions at the Site are the same as the previous map. Development within the vicinity of the Site is similar to that depicted in the previous map.
1972	USGS	Conditions at the Site and within the general vicinity are the same as the previous map.

## 5.3.2 Other Physical Setting Sources

No other physical setting sources were reviewed as part of this ESA.

# 5.4 STANDARD HISTORICAL USE INFORMATION SOURCES OF PROPERTY AND ADJOINING PROPERTIES

#### 5.4.1 Aerial Photographs

Three historical aerial photographs were obtained for the Site from EDR, Inc. Photographs were reviewed for the years 1969, 1985, and 1991. The West Chop Light and associated Site buildings are visible on each of these photographs, as is the residential development abutting the Site. The scale of these photographs does not allow for the observation of further details. These photographs are provided in Appendix C.

#### 5.4.2 Fire Insurance Maps

No Sanborn Fire Insurance Map coverage of the Site was available according to EDR, Inc. The report from EDR is provided in Appendix C.

#### 5.4.3 Property Tax Files

The Tax Assessor's field cards were obtained from the Town of Tisbury Assessor's Office (Appendix D). The Assessor's card indicates that the current owner of the Site is the U.S. Government. The property information at the Assessor's Office indicated that the original, 4-acre Site was acquired by the U.S. Government in 1817. The deed obtained indicates that the Site was transferred to the United States of America from Abijah and Mary Luce. Although no deed was available, an excess portion of the Site, approximately 2 acres, was sold at public auction in 1889. The two adjacent properties were owned by the Reese family prior to the scope of available records at the Town of Tisbury Tax Assessor's Office.

Additionally, no environmental liens or activity and use limitations were on file at the Town of Tisbury Tax Assessor Office.

#### 5.4.4 Local Street Directories

A city directory search was conducted by EDR as part of this ESA. The Site address of 917 Main Street was not included in the 1986, 1990, 1997, or 2007 Cole directories. The 921 Main Street address was present in the 2007 Cole Directory. There was evidence of a renumbering of Main Street noted at the Town of Tisbury Assessor's Office. The two Site residences were known as 479 and 493 Main Street in the past. Surrounding addresses were also searched. Nothing in the vicinity was included in the 1986, 1990, or 1997 directories. This is presumed to be due to the street renumbering. In 2007, residences were listed at 828, 867, 907, 966, and 1005 Main Street. The City Directory Search is provided in Appendix D.

#### 5.4.5 Zoning/Land Use Records

According to zoning information contained in the Town of Tisbury Assessor's card, the Site is zoned as R25. This zoning applies to residential development and dictates lot size and setbacks.

#### 5.4.6 Other Historical Sources

No other historical sources were identified for the Site.

#### 5.4.7 Prior Environmental Reports

Several files were reviewed for the Site at the USCG – CEU Providence and at the library of the licensee, Martha's Vineyard Historical Society. Relevant files are listed and summarized below:

- Condition Report/Sound Level Survey, West Chop Light, December 1991—This report provides information collected during a 1991 inspection of the interior and exterior of Site buildings. The interior information could not be confirmed during this ESA. In the fog signal building, there is reportedly a concrete pad that was used as a base for a generator. The fog signal itself is described as having a range of 2 mi. During testing, no sound levels above a level requiring hearing protection were detected within the two residences. The report also includes an observation that numerous paint cans and battery boxes remained within the oil house at the time of this inspection.
- *Environmental Evaluation, West Chop Light, December 1991*—This report was prepared prior to licensing the fog signal and oil house to the Vineyard Environmental Research Institute. It reports the emptying and sealing of a 25-gal AST within the oil house to be disposed. The report determined that the past use of fuels, paints, and cleaning solvents in small quantities does not represent a source of contamination. Paint cans were reportedly removed following this report, prior to licensure. The report states that there are no transformers at the Site. The evaluation notes no violations of the RCRA, Toxic Substance Control Act, or CERLCA. Therefore, it was determined that any license of these buildings would not have an adverse impact on the licensees.

#### 6. SITE RECONNAISSANCE

# 6.1 METHODOLOGY AND LIMITING CONDITIONS

Ms. Jill Ann Parrett, P.G., of EA, conducted reconnaissance activities at the Site on 13 November 2007 by observing the exterior and accessible interior areas of the Site.

## 6.2 GENERAL SITE SETTING

The subject property is located on the northern point of the Town of Tisbury, Massachusetts on the shore of Vineyard Harbor. The Site consists of several buildings, a paved driveway into the Site, concrete walkways, grassy areas throughout the majority of the Site, and a wooded area along the southeastern portion of the Site. The Site is within a residential neighborhood. The Site slopes toward the east and Vineyard Harbor. A more detailed description is provided in Section 3.

#### 6.3 INTERIOR OBSERVATIONS

The following information documents the interior observations of the light tower, as well as limited interior observations of the fog signal building, conducted on 13 November 2007.

#### Light Tower

The light is accessed by a metal door on the south side. The door opens into a room attached to the light itself. The floor is gray-painted concrete. A broom and dustpan were the only items stored in this room. The interior of the tower and attached building is unpainted brick. The electrical equipment for the light is located on the east side of the ground level of the light (Appendix B, Photo 7). The electric service runs up the east side of the light. There is a spiral, painted-metal staircase within the light (Appendix B, Photo 8). The flash controller is located on the second level. The light is equipped with a Fresnel lens that appears to turn using electricity.

#### Fog Signal Building

Although interior access to the fog signal building was not possible during this inspection, the interior was observed through windows around the building. On the north side of the building, paint cans, mattresses, a lawn mower, a grill, and a 1-gal spray bottle of weed killer were noted (Appendix B, Photo 9). There was a 55-gal drum in the southern portion of the building.

#### Garage

Interior access to the garage was not possible during the inspection, but the interior was observed through windows around the building. Storage included bicycles and a boat. No hazardous substances were observed.

917-921 Main Street Tisbury, Massachusetts

### 6.4 EXTERIOR OBSERVATIONS

The exterior of the Site was observed on 13 November 2007.

#### 6.4.1 General Exterior Observations

The Site is generally characterized by grassy vegetation, with an area of trees in the southeastern portion of the Site.

#### 6.4.1.1 Exterior Observations of Site

#### Light Tower

The exterior of the light tower was in good condition. The white-painted brick exhibited minor flaking. The light has a concrete slab foundation. The access doorway is adjacent to a concrete walkway and is at ground level. The building is connected to overhead electric service.

#### Keeper's Dwelling

This building is wood-frame and painted white, with a green-painted brick foundation. Paint was noted to be in fair condition. There is a concrete walkway between the house and the light tower to the northeast, as well as from the northern door to the garage to the north. There is a bulkhead door and basement AST vent/fill pipes on the southern side of the house (Appendix B, Photo 10). The building is connected to overhead electric service.

#### Assistant Keeper's Dwelling

The house is of a similar construction to the keeper's house to the north. The bulkhead access door is located on the southern side of the building. The basement AST vent/fill pipes are located on the northwestern side of the building and are in fair condition. The building is connected to overhead electric service.

#### Garage

The garage is located to the northwest of the keeper's dwelling. It is a single-story, whitepainted building with a wood frame and wood siding. The building is used for storage. There is a bar door on the western side of the building, and a small door on the southern side of the building. There is also a raised planter on the southern side of the building (Appendix B, Photo 11).

#### Fog Signal Building

The fog signal building is located to the east/northeast of the light, to the north of the paved access loop. It was locked during this inspection. It is a single-story, wood-frame, white-painted building with a brick foundation. There is a concrete pad on the northern side of the building with minimal vegetation on top (Appendix B, Photo 12). An access door is on the northeast side

#### 7. INTERVIEWS

The following is a collection of interviews regarding site history, oil/hazardous materials use, and other environmental issues. This information generally verifies information gathered during the records review.

#### 7.1 PRESENT AND PAST OWNER INTERVIEWS

An Environmental Engineer and a Real Property Specialist with USCG – CEU Providence were questioned regarding past practices at the Site. USCG – CEU Providence personnel indicated that, to their knowledge, the only historical release at the Site was the 2006 fuel oil spill in the keeper's house basement. According to USCG – CEU Providence personnel, there are no environmental liens or activity and use limitations imposed on the Site.

## 7.2 PRESENT AND PAST SITE MANAGER INTERVIEW(S)

Interviews with an Environmental Engineer and a Real Property Specialist with USCG – CEU Providence, as described above, were conducted.

### 7.3 PRESENT AND PAST OCCUPANT INTERVIEW(S)

Interviews with an Environmental Engineer and a Real Property Specialist with USCG – CEU Providence, as described above, were conducted.

# 7.4 LOCAL GOVERNMENT OFFICIAL INTERVIEW(S)

#### Fire Department

According to Fire Chief John Schilling, Tisbury Fire Department, there are no records of spills or releases of oil and/or hazardous materials which have occurred at the Site on file with the Fire Department.

#### **Building Department**

According to Mr. Kenneth Barwick, Tisbury Building Department, there are no permits on file at that department.

#### **Department of Health**

According to Town of Tisbury personnel, the files available with the Tisbury Department of Health pertain to the septic system installation, as described in Section 5.2.7.

and southwest side of the building. It is served through overhead electricity. The fog detector is mounted on the northeast side of the building. The fog signal itself is located to the southeast of the fog signal building. It is a metal structure mounted on a concrete pad on the edge of the shoreline.

#### Oil House

The oil house has a sign mounted on the northern side that identified it as the "Paint and Oil Storage Locker." It was locked during this inspection. It is a single-story, white-painted brick structure with a wood-frame roof and slate shingles. The entrance is on the northern side of the building. Material stored inside the oil house was reportedly removed by the USCG prior to licensure to the Vineyard Environmental Research Institute in 1991.

## 7.5 USER INTERVIEW

An Environmental Engineer and a Real Property Specialist with USCG – CEU Providence provided information pertaining to their knowledge of the Site through an interview with EA. The details of the interview are summarized in Section 4, and the ASTM User Questionnaire is provided in Appendix E.

#### 8. FINDINGS

#### 8.1 *DE MINIMIS* FINDINGS

The additional findings noted below are not considered RECs, but would rather be considered *de minimums* conditions where no additional investigation or action is currently warranted; however, preventive measures may be prudent as discussed below. These potential environmental concerns are issues that do not meet the definition of a REC, however, the User should be aware of these issues when developing or transferring the Site. The potential environmental concerns noted at the Site are discussed below:

- Files reviewed at USCG CEU Providence contained photographs showing a large quantity of paint and assorted chemicals in the oil house. Although this material was reportedly removed, no files were found containing disposal manifests or USCG confirmation that this had been completed. The removal could not be confirmed during this inspection, as no interior access to the oil house was possible. This removal should be verified; and in the event that it has not occurred, it is recommended that all hazardous substances be removed.
- The interior of the fog signal building could also not be inspected during this ESA. However, materials such as a 55-gal steel drum with unknown contents, a potential pesticide/herbicide sprayer with unknown contents, and various paint cans were noted. This material should be assessed and removed.

# 8.2 HISTORICAL RECOGNIZED ENVIRONMENTAL CONDITIONS.

The following historical RECs were identified during this Phase I ESA:

• The historic use of lead-based paint on all structures within the current USCG property represents a REC, particularly given the poor condition of the paint on the buildings studied. Lead-based paint tends to chip from buildings in flakes which then cause elevated concentrations of lead within the surrounding soils.

This historic REC was investigated in a limited Phase II ESA as summarized in Section 12.

# 8.3 RECOGNIZED ENVIRONMENTAL CONDITIONS

No additional RECs were identified for the Site during this ESA.

#### 8.4 DATA GAPS

A data gap is defined by ASTM E-1527-05 as a lack of or inability to obtain information required by this practice despite good faith efforts by the Environmental Professional to gather such information. Data gaps may result from the incompleteness in any of the activities required

917-921 Main Street Tisbury, Massachusetts

by this practice including, but not limited to, the Site reconnaissance, interviews, and historical research. Failure to achieve the historical research objectives identified in the standard is termed a *data failure* and is a type of *data gap*. Table 4 provides the data gaps for this Site.

Data Can	Reason for Occurrence	Significance and Rationale
Data Gap Historical data failure	Adjoining properties not historically researched at 5-year intervals	Historic records indicated that adjacent land use has been residential throughout the period of development. In EA's opinion, this data gap is not significant to the identification of any additional potential RECs.
Historical data failure	No Sanborn map coverage	No Sanborn coverage was available for the Site or adjacent properties. It is not considered a significant data gap, given the information available about Site development and the nature of development in the vicinity.
No interview with previous owners	Deemed to be insignificant, and not an effective use of time	Due to the date of the original property transfer to the U.S. Government (1876), it was not possible to contact and interview past owners. This is not considered a significant data gap.

# TABLE 4 DATA GAPS

#### 9. OPINION

The following recommendations, though not required under the ASTM E-1527-05 standard, are provided as a courtesy to USCG:

• EA recommends additional investigation activities be conducted to fully delineate the extent of lead contamination (detailed in Section 12) from historic use of lead-based paint on all Site structures.

# **10. CONCLUSIONS**

EA has performed this Phase I ESA in conformance with the scope and limitations of ASTM E-1527-05 of the West Chop Light, Tisbury, Martha's Vineyard, Massachusetts. Any exceptions to, or deletions from, this practice are described in Section 11.

The historic use of lead-based paint throughout all Site buildings was noted to be RECs during this Phase I ESA.

# 11. DEVIATIONS

No deviations from the standard ASTM practice were completed as part of this ESA.

# 12. ADDITIONAL SERVICES (PHASE II LIMITED SITE INVESTIGATION)

On 13 November 2007, EA initiated Phase II LSI activities at the Site. EA collected 23 soil samples from the drip zone along the perimeters of the light, keeper's and assistant keeper's houses, fog signal building, garage, and oil house. One sample was collected in an presumed undisturbed location for background assessment (SS-22). All samples were collected from 0 to 1 ft below ground surface. Samples were collected using a hand shovel, which was decontaminated between samples. Soil samples were transferred to a disposable aluminum tray for homogenization and removal of gravel and organics, and then placed within the appropriate containers for subsequent x-ray fluorescence (XRF) analysis. Sampling locations are depicted on Figure 2 – Site Plan (Appendix A).

EA collected six samples around the perimeter of the light. A concrete walkway, situated between the light and the keeper's house, prevented collection of soil samples southwest of the light. This concrete walkway also prevented a fourth sample being collected on the northeast side of the keeper's house. Four samples were collected from the perimeter of the assistant keeper's house, fog signal building, and oil house. Only two samples were collected from the perimeter of the garage, located in the northwest portion of the Site, as asphalt pavement and a fence prevented sample collection on the northwestern and southwestern sides of the building, respectively.

Of the six samples collected around the light, three were collected 3 ft from the edge of the building (SS-1, -3, and -5) and three were collected 6 ft from the building (SS-2, -4, and -6). Samples were collected between 4 and 5 ft from the edges of the remaining buildings, as possible. Dense vegetation prevented collection of a sample on the northeastern side of the oil house within 12 ft of the building edge. Similarly, a concrete walkway required collection of sample SS-13 6 ft from the northeastern edge of the assistant keeper's house.

Soils encountered throughout the sampling activities ranged from a fine organic loam with some gravel to fine to medium sand with high quantities of gravel. Soils were collected and screened for metal content using an XRF device. XRF screening indicated the presence of lead and other metals at levels above the EPA screening guidance of 400 milligram per kilogram (mg/kg) for lead. XRF screening results are summarized in Table 5.

Sample	Lead		
SS-1	1.469		
SS-2	2.643		
SS-3	3.902		
SS-4	1,129		
SS-5	2.449		
SS-6	3.513		
SS-7	1.168		
SS-8	1.165		
SS-9	706		
SS-10	1,376		
SS-11	613		
SS-12	1.667		
SS-13	2,068		
SS-14	1,176		
SS-15	504		
SS-16	647		
SS-17	1,287		
SS-18	368		
SS-19	75		
SS-20	608		
SS-21	124		
SS-22*	28		
SS-23	622		
<u>SS-24</u>	463		
PA Screening Level 400			
NOTE: Concentrations listed in EPA Screening Level ba Emergency Response Di Bold indicates concentra	mg/kg (parts per million). sed on EPA Office of Solid Waste and rective 9355.4-12. tion of analyte exceeds EPA Screening		
* = Background sample.			

# TABLE 5 X-RAY FLUORESCENCE SOIL SCREENING RESULTS13 NOVEMBER 2007

Based on screening results, three soil samples were submitted to a Massachusetts-certified laboratory for confirmatory analysis. Analytical results provide high confidence in the XRF screening, as the largest percent difference is 7.51 percent. Analytical results are provided in Table 6 and available in Appendix G.

Target Analyte	<u>SS-2</u>	SS-3	996	EDA Complexity 1		
		0	0-66	EPA Screening Level		
Lead Analytical Result	2,450	3,960	3.690	400		
Lead XRF Result	2,634	3,902	3,513	400		
% Difference	7.51%	1.46%	4,80%			
NOTE: Concentrations listed in mg/kg (parts per million)						
EPA Screening Level based on EPA Office of Solid Waste and Emergency Response Directive						
9355.4-12.	9355.4-12.					
<b>Bold</b> indicates concentration of analyte exceeds EPA Screening Level.						

TABLE 6 ANALYTICAL RESULTS, 13 NOVEMBER 2007





#### **13. REFERENCES**

The following sources of information were consulted as a part of this ESA. Documentation supporting these sources and additional site research is provided in Appendixes C through E.

- Barwick, K. 2007. Personal communication between Jill Ann Parrett of EA and Kenneth Barwick, Town of Tisbury Building Department. 15 November.
- Bockstael, G. 2008. Personal communication between Jill Ann Parrett of EA and Georges Bockstael, Real Property Specialist with USCG CEU Providence. X March.
- Commonwealth of Massachusetts. 2004. Soil Evaluator Form Soil Suitability Assessment for On-site Sewage Disposal. 7 December.
- D'Entremont, J. 2007. The Lighthouses of Massachusetts.
- EA Engineering, Science, and Technology, Inc. (EA). 2007. Site reconnaissance by Jill Ann Parrett, of EA. 14 November.
- Environmental Data Resources, Inc. 2007. Radius Map, Sanborn Fire Insurance Map Search, Historic Topographic Maps, City Directory Search. 6 November.
- Federal Emergency Management Agency. 1984. Flood Insurance Rate Map Community Panel No. 250073 001 D. 15 June.
- Massachusetts Department of Environmental Protection (MADEP) Bureau of Waste Site Cleanup. 2007. Response Action Outcome Statement West Chop Lighthouse. 6 February.
- Schilling, J. 2007. Personal communication between Jill Ann Parrett of EA and Chief John Schilling of Town of Tisbury Fire Department. 14 November.
- Stambler, A. 2007. Personal communication between Jill Ann Parrett, of EA, and Alfred Stambler, of USCG CEU Providence. 13 February.
- Town of Tisbury Assessors Office. 2007. Assessors Field Cards (for Site and adjacent properties). 15 November.
- Town of Tisbury Department of Health. 2005. Disposal Works Construction Permit No. 3277. 22 June.
- United States Coast Guard (USCG). 1991. Condition Report and Environmental Evaluation /Sound Signal Survey, West Chop Light, Martha's Vineyard, Massachusetts. December.
- United States Geological Survey (USGS). 1995. 7.5-Minute Topographic Map of the Vineyard Haven Quadrangle.

Based on review of the data and potential sources at this location, it is likely that the source of this lead-based paint is from the exterior of the structures. The EPA Office of Solid Waste and Emergency Response guidance document No. 9355.4-12 established a screening level of 400 mg/kg for lead in soil. This concentration of lead is not intended to be a cleanup level goal; however, it should be used as an indicator that further study is appropriate. Since lead in a number of soil samples exceeded the 400 mg/kg screening level, further evaluation and potential remediation of soils may be required prior to any divestiture of property.

Date

EA Engineering, Science, and Technology, Inc.

# 14. SIGNATURE OF THE ENVIRONMENTAL PROFESSIONAL

"I declare that, to the best of my professional knowledge and belief, I meet the definition of an Environmental Professional as defined in Section 312.10 of 40 CFR 312. I have the specific qualifications based on education, training, and expertise to assess a property of the nature, history, and setting of the subject property. I have developed and performed the All Appropriate Inquiries in conformance with the standards and practices set forth in 40 CFR Part 312."

Jill Ann Parrett, P.G. Environmental Professional
EA Engineering, Science, and Technology, Inc.

### 15. QUALIFICATIONS OF THE ENVIRONMENTAL PROFESSIONAL

*Ms. Jill Ann Parrett, P.G.*, is a geologist who has performed over 100 due diligence, site investigation, and remedial closure programs. Ms. Parrett has over 7 years of direct experience with environmental assessments and investigations in support of property transfers, investigations, and extensive experience in the design and execution of groundwater quality and aquifer characterization investigations, construction, and remedial action oversight. Ms. Parrett has a B.S. in Earth Sciences from Boston University.

# Appendix A

# Figures







# Appendix B

### Photograph Log

### Appendix C

### **Historical Research Documentation**

## Appendix D

# **Regulatory Records Documentation**

### Appendix E

# **Supporting Interview Documentation**

### Appendix F

Environmental Data Resources, Inc. Database Report

### Appendix G

### **Analytical Results**

Phase I/II Environmental Site Assessment Report Tisbury, Massachusetts

West Chop Light 917-921 Main Street

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<sup>1</sup> / <sub>2</sub> (parts per million), on IP A Office of Solid Waste and twe 9355.4-12. 1 of analyte exceeds EPA Screening	400	463	622	124	809	75	368	1.287	647	504	1.176	2,068	1.667	613	1,376	706	1.165	1,168	3.513	2,449	1,129	3,902	2,643	1,469	Lead	×

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EA Engineering, Science, and Technology, Inc.

EA Project No.: 61710.26.0000 Page 27 of 31 July 2008

TABLE 5 X-RAY FLUORESCENCE SOIL SCREENING RESULTS

U.S. Department of Homeland Security

United States Coast Guard



Commanding Officer United States Coast Guard Health, Safety and Work-Life Service Center 427 Commercial St Boston, MA 02109-1027 Staff Symbol: se-fo Phone: (617) 223-3202 Fax: (617) 223-3242 Email: (b)(6) & (b)(7)(C)

5100 11 Aug 2012

### **MEMORANDUM**

From: (b)(6) & (b)(7)(C) CG HSWL SC (se-fo) DET BOSTON

To: CG CEU Oakland

Subj: HOUSING TIGER TEAM ASSESSMENT

Ref: (a) Safety and Environmental Health Manual, COMDTINST M5100.47

1. On 26 Jun 2012, CEU Oakland requested support from the Health, Safety, and Work-life Service Center (HSWL SC) to assist a housing tiger team with a National Housing Assessment. As part of the assessment, on 10 Jul 2012, I conducted an evaluation of Coast Guard-owned housing located in Martha's Vineyard, MA. The site visit, led by (b)(6) & (b)(7)(C) of your office and CG-1223, was also attended by representatives from CG Station Menemsha, the area and local housing office, and housing maintenance personnel. Recommendations for addressing health and safety issues noted during the evaluation are included in Enclosure (1).

2. We look forward to continuing to provide safety and environmental health services in support of your unit. If you have any questions or the need arises for future support, please contact our office.

3. DON'T LET YOUR "GUARD" DOWN.

#

Enclosure(s): (1) USCG Station Menemsha Housing Tiger Team Assessment

Copy:

CG-1223 CG HSWL SC (se) CG Base Boston (p) CG Sector Southeastern New England (sl) CG Station Menemsha





### UNITED STATES COAST GUARD HEALTH RISK ASSESSMENT REPORT

### USCG Station Menemsha Housing Martha's Vineyard, MA

# Housing Tiger Team Assessment for Station Menemsha Housing, MA

July, 2012



Health, Safety, and Work-life Service Center Safety and Environmental Health Division 300 E. Main Street, Suite 1000 Norfolk, Virginia 23510

### PREFACE

The Health, Safety, and Work-life Service Center (HSWL SC), Safety and Environmental Health Division (se), Environmental and Occupational Health Branch (eh) conducts field investigations of possible health hazards in the workplace in accordance with the Safety and Environmental Health Manual, COMDTINST M5100.47.

Mention of company names or products within this report does not constitute endorsement by Department of Homeland Security or the U.S. Coast Guard.

### ACKNOWLEDGMENTS AND AVAILABILITY OF REPORT

(b)(6) & (b)(7)(C) from the HSWL SC (se-eh) District 1 Detached SEH office conducted this assessment and prepared this report.

An electronic copy of this report has been sent to the CG Station Menemsha. Contact the phone number or write the address below to request a copy:

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### USCG Station Menemsha Housing Tiger Team Assessment

#### Introduction

On 10 Jul, 2012, (b)(6) & (b)(7)(C) from Health Safety and Work-Life Service Center (HSWL SC) Detachment Boston attended site visits to Coast Guard-owned housing units at Martha's Vineyard, MA as part of a national housing assessment adequacy evaluation. The evaluation was led by (b)(6) & (b)(7)(C) from CEU Oakland and (b)(6) & (b)(7)(C) from CG-1223. Site visits were also attended by representatives from the area and local housing office, Station Menemsha, and maintenance staff. Sites were evaluated using the criteria of references (1) and (2).

#### **Findings and Recommendations**

Seven housing sites in Martha's Vineyard were assessed. The housing units are used by CG Station Menemsha personnel and their families.

1. West Chop Light. There are 2 homes located at this site, built around 1891. Only one home is



currently occupied; it is also an active lighthouse. An item of concern at both sites was the condition of several painted surfaces. A family, including two small children under the age of seven, currently resides in West Chop 1. In the West Chop 2 unit, the paint on the wall at the stairway entrance leading to the basement was deteriorated; large flakes of paint were visible on the floor. Lead testing conducted in 2004 using X-Ray Fluorescence (XRF) at this location found lead exceeding 1.0 mg/cm<sup>2</sup>, per reference (3). In both units,

the paint behind and/or on the radiators was deteriorated and flaking. The 2004 test found lead exceeding  $1.0 \text{ mg/cm}^2$  on the radiator in the upstairs bathroom in West Chop 1.



While the 2004 lead testing report was located, there were no records that a risk assessment had been conducted, as these properties were not included in the 1999 ERA. It's recommended that a certified lead-based paint risk assessor inspect the home to determine the health risk to occupants and appropriate corrective action, per reference (4).

In both homes, the top of the handrail for the spiral staircase was located a distance of 28 inches above the floor. This condition could present a serious fall hazard, especially for children when standing at the top of the stairs. Reference (5) prescribes a handrail height of 34-38 inches.

Mold was observed on the bathroom ceiling in the occupied home. There are no installed exhaust fans in the bathrooms in either home, causing the accumulation of moisture and resulting mold/mildew growth. If possible given the age and construction of the home, it's recommended that exhaust fans be installed in the bathrooms. In the interim, residents have been cleaning the mold with disinfectant.

2. <u>12 Painters Way</u>. The home contained an acoustic, or "popcorn" ceiling, which may contain asbestos. As environmental risk assessment baseline survey data was not available for this property, it's unknown whether the ceiling contained asbestos. The ceiling was damaged or had been disturbed in several places, including where the present owners had installed a ceiling fan. It's recommended that residents be prohibited from disturbing the ceiling until a licensed asbestos inspector has determined that it is free of asbestos or a past report can confirm the absence of asbestos. Once the ceiling has been confirmed to be free of asbestos-containing material, the fan should be removed by the tenants, as it appeared to present an unsafe condition.



Several potential sources of moisture were identified that could foster mold and mildew growth. There is no installed exhaust fan in the bathroom; mold was observed on the ceiling, and a resident reported frequently cleaning mold from the bathroom. There was no insulation gap in the attic, which could cause condensation and moisture accumulation; it's recommended that the insulation be adjusted to provide a gap. The drain piping beneath the sink had been repaired with duct tape; local maintenance personnel noted the issue for correction. Residents had installed a window A/C unit using a shirt and card-board to seal the area around the unit. These items can absorb moisture and should be removed and replaced with plywood or other suitable material.



The screen was missing on an attic vent and should be replaced to prevent the entry of pests; mouse droppings were observed in the attic. It's recommended that the screen be replaced, the excrement be properly cleaned, and rodent traps be deployed.

3. <u>33 Bernard St</u>. The house is currently occupied. The exterior condition of the home appeared to be deteriorating. The external siding showed signs of rot and damage, which could lead to water intrusion and mold/fungi growth. It's recommended that a structural engineer evaluate the exterior condition of the home and, if warranted, the siding and porch be repaired or replaced. Vegetation was growing from the gutters, which could impair drainage and further lead to moisture intrusion, structural damage, and mold/fungi growth; the gutters should be cleaned. Mold growth was observed in the window sills. The basement had a musty odor. At a point in the recent past, oil had leaked onto the top of the home heating oil tank, located in the basement/crawl space under the home; the source of spill could not be determined. It's recommended that maintenance personnel evaluate the system.



- 4. <u>62 Hazelwood Avenue</u>. The home is currently vacant. One GFCI in the kitchen failed a test and should be replaced. An electrical cover was missing from an outlet in the living room and should be replaced. The motor to the exhaust fan in the secondary bathroom does not operate and should be repaired or replaced. The exhaust fans in both bathrooms in the home were very dirty and should be cleaned prior to occupancy. A check of the crawl space revealed that one of the exhaust fans was not properly vented. A cardboard box had been placed over the top of the duct. Mold was growing on the insulation surrounding the duct. The moldy insulation should be replaced. The box should be removed, and the exhaust fan should be checked for proper operation and repaired as necessary. The exhaust fan should be properly ventilated through the roof. A woodstove located in the basement that was in poor condition should be removed from the house.
- 5. <u>2 Old Schoolhouse Road</u>. A smoke detector that had been disconnected was re-installed on site.
- 6. <u>12 Forrest Avenue</u>. A window in the basement was broken and should be replaced. There were signs of past water or fire damage to the boiler; it's recommended that the unit be evaluated by a boiler technician. There were several cracks in the basement, which could serve as an entry point for radon gas; past records of any radon testing that may have been conducted could not be located.
- 7. <u>62 Hazelwood Avenue</u>. Multiple safety and environmental health issues were observed, as the house had recently been vacated and had not yet been prepared for re-occupancy. The kitchen window was cracked and requires replacement. The storm windows did not fit securely into the window frames, leaving gaps where moisture could enter and heat could escape. Mold was observed growing in the window frames. Rodent droppings were found in the attic; the fecal material should be properly removed. Mold growth was present in the bathroom, and the exhaust fan and vent were dirty. Wild game, left behind by the previous tenant, was discovered in the freezer; had there been a power loss, this could have ruined the appliance and posed a health and safety threat.

#### **General Recommendations**

- 1. The Area or Local Housing Officer should continue to visually assess areas known to contain asbestos and lead annually to ensure conditions have not changed and occupants or maintenance workers have not disturbed these surface areas, per reference (3). Document annual visual reassessments.
- 2. The smoke detectors in some homes had been removed or were missing batteries. All units must be equipped with at least one hard-wired smoke detector with battery backup on each living floor, including basements with gas hot water heaters or furnaces, per reference (3). A fire extinguisher was observed in one home under the sink and would be difficult to access in an emergency due to clutter. When provided, fire extinguishers shall be properly maintained, inspected, and mounted. Placards shall be placed in plain view indicating proper use and members shall be given an orientation at the time of check in.
- 3. Carbon monoxide detectors must be installed on all levels of housing with living areas, per reference (2); in owned housing, CO detectors shall be installed in accordance with reference (6). CO detectors must be centrally located outside sleeping areas when houses contain appliances using fossil fuels; wood burning fireplaces or stoves; utility rooms that contain fossil fuel burning appliances; or attached garages with direct entry into living areas.
- 4. Many bathroom exhaust fans were dirty and did not function properly. Exhaust fans should be cleaned and repaired prior to occupancy. In occupied homes, tenants should be held responsible for maintaining cleanliness to help prevent moisture/mold issues.

#### References

- (1) U. S. Coast Guard. Safety and Environmental Health Manual, COMDTINST M5100.47, Chapter
- (2) Housing manual, COMDTINST M11101.13C
- (3) Franklin Analytical Services, Inc. Lead Inspection/Risk Assessment Report. 13 Apr 2004.
- (4) Asbestos, Lead, and Radon in Coast Guard Housing, COMDTINST 6260.1A
- (5) International Residential Code for One and Two Family Dwellings, 2009.
- (6) National Fire Protection Agency. Publication 720: *Standard for the Installation of Carbon Monoxide Detection and Warning Equipment*, 2012.

### Hazardous Building Material Inspection Report For West Chop 1&2

917 & 921 East Main Street Vineyard Haven, MA



United States Coast Guard CEU Providence 300 Metro Center Blvd Warwick, RI 02886

Prepared by:



H&S Environmental, Inc. 160 East Main Street, Suite 2F Westborough, Massachusetts 01581

October 2012

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#### **CERTI ICATION OF RESULTS**

This Ha ardous Building Material Inspection Report has been prepared for the exclusive use of the Client, the United States Coast Guard. Photocopying of this document by parties other than those designated by the Client or its affiliates or use of this document for purposes other than it is intended, is prohibited.

Respectfully submitted this 17<sup>th</sup> day of October 2012.



Peter Del Sette, Jr. Building Inspector

Report eviewed by:



Gregory Birch, PMP<sup>9</sup> Project 1anager



#### 1.0 PURPOSE AND SCOPE OF WORK

H&S Environmental, Inc. (H&S) performed a Hazardous Building Materials (HBM's) Inspection of the West Chop 1 & 2 properties located at 917 and 921 East Main Street (the Site) in Vineyard Haven, Massachusetts. The purpose of the inspection was to identify and confirm the presence and/or absence of Asbestos-Containing Materials (ACMs), Lead-Containing Paints (LCPs), and Radon Gases in preparation for possible Site activities including renovations and/or demolition to the West Chop 1 & 2 properties.

The HBM inspection was conducted on September 17, 2012 and September 20, 2012 in all <u>accessible</u> areas at the Site. H&S used experienced and accredited inspectors and laboratories to perform the HBM inspection and analysis of samples. Specific inspection methods, procedures, inspection findings and recommendations can be found in Section 3.0.

#### 2.0 SITE DESCRIPTION

The Site is comprised of two wood framed houses and a garage. Each house is two floors with full basement and is approximately 1,800 square foot. Basements are a combination of field stone and brick. The roofs are pitched wood framed structures and covered with three-tab asphalt roof shingles. Interior walls and ceilings are combination plaster and drywall. The wood subfloors are covered with combination of hardwood and resilient floor sheeting and vinyl-composite floor tiles. Windows are wood-cased, double hung units. Heat is provided by oil fired furnaces in the basements and delivered to the individual spaces by room radiators. The house at 921 Main Street is presently occupied and the house at 917 Main Street is vacant.

The two car garage is free standing; wood framed, slab-on-grade, single story structure, with a pitched roof that is covered with the same shingles as the two houses. The only interior finishes were Masonite wall panels over the wall stringers. The front door is a bay door typically seen on garages. Two wood-cased, double hung window units were also noted.

### 3.0 HAZARDOUS BUILING MATERIAL INSPECTIONS, FINDINGS AND RECOMMENDATIONS

#### 3.1 Inspection Personnel and Process

#### 3.1.1 Inspection Personnel

The investigative survey was conducted on September 17, 2012 and September 20, 2012 by trained and certified Massachusetts licensed Asbestos Inspector, Peter A. Del Sette, Jr. (MA License Number <sup>(b)(6) & (b)(7)(C)</sup>), Master Lead Inspector, David Pesce (MA License Number <sup>(b)(6) & (b)(7)(C)</sup>), and Gregory Birch (EPA/AHERA Building Inspector) – All experienced HBM inspectors.

#### 3.1.2 Inspection Process

The inspection for hazardous building materials was conducted in a systematic manner using H&S's standard safety procedures and inspection protocol including:



- 1. Interviews with individuals knowledgeable about the building and existing written documentation / information regarding the presence and/or absence of hazardous building materials.
- 2. A visual inspection of <u>accessible</u> areas of the Site to locate, quantify, and assess the condition of materials/areas suspected to contain ACM, LCP, and Radon Gases.
- 3. Collection and analysis of materials as described herein to determine composition.

#### 3.2 Asbestos Containing Material Inspection

#### 3.2.1 ACM Introduction

Asbestos is a mineral fiber that has been used commonly in a variety of building construction materials for insulation and as a fire-retardant. Because of its fiber strength and heat resistant properties, asbestos has been used for a wide range of manufactured goods, mostly in building materials (roofing shingles, ceiling and floor tiles, paper products, and asbestos cement products), friction products (automobile clutch, brake, and transmission parts), heat-resistant fabrics, packaging, gaskets, and coatings.

When asbestos-containing materials are damaged or disturbed by repair, remodeling or demolition activities, microscopic fibers become airborne and can be inhaled into the lungs, where they can cause significant health problems.

Most Common Sources of Asbestos Exposure:

- Workplace exposure to people that work in industries that mine, make or use asbestos products and those living near these industries, including:
  - the construction industry (particularly building demolition and renovation activities),
  - the manufacture of asbestos products (such as textiles, friction products, insulation, and other building materials),
  - and during automotive brake and clutch repair work
- Deteriorating, damaged, or disturbed asbestos-containing products such as insulation, fireproofing, acoustical materials, and floor tiles.

#### 3.2.2 ACM Inspection

The inspection for suspect ACMs included:

- 1. Conduct a visual inspection of <u>accessible</u> areas of the Site to locate, quantify, and assess the condition of materials suspected to contain ACM.
- 2. Collection of representative bulk samples of each homogeneous area or application of suspect material in sufficient numbers to comply with the Environmental



Protection Agency (EPA) / Asbestos Hazard Emergency Response Act (AHERA) minimum criteria (see Chart A below).

- 3. To prevent release of any airborne asbestos fibers, samples were collected by first carefully wetting the suspect material and then removing a small full-thickness sample and placing it in a sealed plastic bag labeled with a unique sample identification number.
- 4. Chain-of-custody documentation was used to ensure sample integrity.
- 5. Analysis of the bulk samples at an accredited laboratory using the EPA approved Polarized Light Microscopy (PLM) method.
- 6. A review of the inspection findings and lab results to ensure proper and consistent identification and characterization of all assumed and confirmed ACMs.

Minimum Asbes	Chart A stos Bulk Sampling Criteria
Type of Suspect Material	Minimum Sampling Criteria
Surfacing Materials	EPA/AHERA mandated statistically random criteria (Min. 3 Samples / Max. 7 Samples)
Miscellaneous Materials	Minimum of 2 samples of each homogeneous application (unless otherwise noted)
Thermal System Insulation Materials	Minimum of 3 samples of each homogeneous application (unless otherwise noted)

#### 3.2.3 Definitions of ACM Inspection Terms

Given the specific purposes and objectives of this inspection, the following definitions were used for the terms: <u>suspect materials</u>, <u>homogeneous applications or areas</u> of suspect materials, <u>friable</u> <u>materials</u>, <u>inaccessible building areas</u>, and <u>confirmed ACMs</u>:

- 1. <u>Suspect Materials</u>: Building materials that may contain asbestos. The following materials are considered non-suspect and were not sampled or assessed if observed:
  - Plastic, Glass, Wood, or Wood Composite Materials
  - Brick, Granite, Marble, or Other Stonework
  - Fiberglass Insulation (Pink/Yellow) on Piping/Mechanical Components
  - Clay or Ceramic Tiles
  - Rubber or Synthetic Foam
  - Paint (unless textured)
  - Concrete or Mortar (except Gyp-Crete)



- Carpeting, Curtains, Wallpaper, or Other Paper/Natural Fabric/Synthetics
- 2. <u>Homogeneous Applications or Areas:</u> Suspect materials which serve the same function or purpose (e.g., floor or ceiling tiles), have similar color and texture and were likely installed at or near the same time. Homogeneity is a determining factor in calculating the number of bulk samples collected for a particular material.
- 3. <u>Friable Materials</u>: Suspect materials that may be easily reduced to a powder by applying hand pressure, (e.g., sprayed-on fireproofing as opposed to a non-friable material such as vinyl floor tile).
- 4. <u>Inaccessible Building Areas</u>: Building areas, systems, structural components, or surfaces which could not be observed because it was unsafe or impractical to demolish, disassemble, or remove systems or coverings, or because a human being cannot physically enter or observe the area or component. Inaccessible areas could include areas such as below grade building foundations, pipe trenches and utility vaults/corridors, electrical equipment/wire, pipe gaskets, infilled window openings, fire doors and enclosed wall and ceiling cavities.
- 5. <u>Asbestos Containing Material (ACM)</u>: Suspect materials where at least one (1) of the collected bulk samples contained an asbestos concentration of 1% or more. According to EPA's AHERA criteria, all bulk samples of a homogeneous area of suspect ACM must be found to contain less than 1% asbestos to conclude that the material is not regulated as an ACM by OSHA or EPA under the National Emissions Standard for Hazardous Air Pollutants regulation (NESHAPs).

#### 3.2.4 ACM Bulk Sample Analysis

Bulk samples collected during the inspection were submitted to EMSL Analytical Services, Inc. (EMSL) located in Woburn, Massachusetts and International Asbestos Testing Laboratories (IATL) in Cherry Hill, New Jersey for analysis. EMSL and IATL are fully accredited for bulk sample analysis under the National Voluntary Laboratory Accreditation Program (NVLAP) administered by the National Institute of Standards and Technology (NIST). Bulk samples were analyzed for asbestos content using EPA Method 600/R-93/116. The Laboratory Analytical Results can be found in *Appendix A*.

#### 3.2.5 ACM Analytical QC Program

The EMSL and IATL quality assurance and control programs were developed in strict compliance with NIST/NVLAP requirements.



#### 3.2.6 ACM Inspection Findings and Recommendations

A total of two (2) building materials from the HBM inspection of the Site were confirmed for the presence of Asbestos. The materials **confirmed** to contain asbestos in the inspected areas and are summarized as follows:

Sample	Material	Quantity	Analysis		
Number	Location		Results		
092012-09-09A	Red Brick Patter Flooring Closet in Child's Bedroom	20 SF	2% Chrysotile		

#### Confirmed Asbestos Containing Material, 917 Main Street, Vineyard Haven, MA

Sample	Material	Quantity	Analysis		
Number	Location		Results		
092012-09-15A	Joint Compound Second Floor Middle Bedroom at Utility Hatch	200 SF	2% Chrysotile		

The following building materials were identified and sampled and have been classified as **Non ACMs** in the inspected areas and are summarized as follows:

#### Confirmed Non-Asbestos Containing Material, 917 E. Main Street, Vineyard Haven, MA

LOCATION	MATERIAL	
Wall Coating on Fieldstone Wall	Basement Walls	
Wall Coating on Fieldstone Wall	Basement Walls	
Wall Coating on Fieldstone Wall	Basement Walls	
Wall and Ceiling Plaster	Basement Stairwell	
Wall and Ceiling Plaster	Basement Stairwell	
Wall and Ceiling Plaster	Basement Stairwell	
Wall and Ceiling Plaster	Crawl Space in Bedroom	
Wall and Ceiling Plaster	Crawl Space in Bedroom	
Mastic Paper on White Floor Sheeting	Kitchen	
Mastic Paper on White Floor Sheeting	hite Floor Sheeting Entryway At Radiator	



LOCATION	MATERIAL	
White Floor Sheeting	Kitchen	
Mastic Paper of White Floor Sheeting	Entryway At Radiator	
astic Paper on Beige Peel and Stick Floor Tiles	Bathroom	
Mastic Paper on Beige Peel and Stick Floor Tiles	Bathroom	
Beige Peel and Stick Floor Tiles	Bathroom	
Beige Peel and Stick Floor Tiles	Bathroom	
Loose Fill Insulation	Attic Spaces	
Loose Fill Insulation	Attic Spaces	
Loose Fill Insulation	Attic Spaces	
Mastic on Red Brick Pattern Floor Sheeting	Closet In Childs Bedroom	
Mastic on Red Brick Pattern Floor Sheeting	Closet In Childs Bedroom	
Exterior Window Glazing	Six Over Nine Double Hung Units	
Exterior Window Glazing	Six Over Nine Double Hung Units	
Exterior Window Glazing	Four over Nine Double Hung Units	

#### Confirmed Non-Asbestos Containing Materials, 921 E. Main Street, Vineyard Haven, MA

LOCATION	MATERIAL	
Mastic on 12" x 12" Brown Floor Tile	First Floor Bathroom	
Mastic on 12" x 12" Brown Floor Tile	First Floor	
12" x 12" Brown Floor Tile	First Floor Bathroom	
12" x 12" Brown Floor Tile	First Floor	
White Sink Undercoating	Kitchen Sink	
White Sink Undercoating	Kitchen Sink	
Gypsum Board	Laundry Area	
Gypsum Board	Second Floor Middle Bedroom	
Joint Compound w/Sample #14A	Laundry Area	
Wall and Ceiling Plaster	Chase in Second Floor Middle Bedroom	
Wall and Ceiling Plaster	Basement	
Wall and Ceiling Plaster	Basement	
Wall and Ceiling Plaster	Attic	
Wall and Ceiling Plaster	Attic	
Mastic on Beige Floor Tiles	Second Floor Bath	
Mastic on Beige Floor Tiles	Second Floor Bath	
Beige Floor Tiles	Second Floor Bath	
Beige Floor Tiles	Second Floor Bath	
Loose Fill Insulation	Attic Floor	
Loose Fill Insulation	Attic Floor	
Loose Fill Insulation	Attic Floor	
Exterior Window Glazing Compound	Six Over Four Double Hung Units	
Exterior Window Glazing Compound	Four Over Four Double Hunt Units	
Exterior Window Glazing Compound	Six Over Nine Double Hung Units	
Exterior Window Glazing Compound	Garage Six Over Six Double Hung Units	
Exterior Window Glazing Compound	Garage Six Over Six Double Hung Units	



The mere presence of asbestos in a building does not mean that the health of building occupants is necessarily at risk. As long as the ACMs remain in good condition and are not disturbed, exposure is unlikely. However, when building maintenance, repair, renovation, demolition or other activities disturb ACMs, or if ACMs are damaged, asbestos fibers can be released creating a potential hazard to building occupants. Contractors and employees performing demolition, construction or renovation activities must be informed of the presence of ACMs if the activities may impact these materials.

It is H&Ss' understanding that the Site is to be renovated in the near future. H&S recommends that the above Confirmed ACMs be removed (asbestos abatement) prior to the demolition/renovation work by a Massachusetts Licensed Asbestos Contractor prior to demolition or renovation of the Site.

Until all Confirmed ACMs are removed, they should be managed according to governing regulations. All ACMs in each of the buildings should be included in a site-specific asbestos operations and maintenance (O&M) program designed at a minimum to comply with 29 CFR 1910.1001 and 1926.1101, incorporating the basic components outlined in the EPA's *Guide to Managing Asbestos in Buildings*.



#### 3.3 Lead Containing Paint Inspection

#### 3.3.1 LCP Introduction

Lead is a toxic metal that was used for many years in paint and other products found in and around our homes. Lead also can be emitted into the <u>air</u> from industrial sources and leaded aviation gasoline, and lead can enter <u>drinking water</u> from plumbing materials. Lead may cause a range of health effects, from behavioral problems and learning disabilities, to seizures and death. Children six years old and under are most at risk.

Most Common Sources of Lead Poisoning:

- Deteriorating lead-based paint
- Lead contaminated dust
- Lead contaminated residential soil

Historically, lead was added to paint because its color stability properties made it a desirable pigment and because it enhances durability. Lead-containing paint becomes harmful when inhaled as dust or fumes or when ingested. Once lead pigment was proven to be a health hazard, it was officially banned in 1978 from paint applied in residences.

In an occupational or industrial setting, if lead-containing painted surfaces are to be impacted by renovation or demolition activities, contractor personnel exposure (per OSHA compliance) and waste disposal (per EPA compliance) issues must be addressed and factored into the cost of the project. Specifically, contractors are required to comply with all applicable OSHA regulations including 29 CFR 1926.62 *Lead Exposure on Contractors Interim Final Rule* and 29 CFR 1926.59 *Hazard Communication for the Construction Industry*. These regulations are applicable for all construction workers that are involved in activities that impact lead containing paint and/or generate airborne lead.

#### 3.3.2 LCP Inspection

The XRF testing was performed to evaluate the lead content on painted surfaces for interior and exterior surfaces in housing, and determine the presence of lead hazards as defined by the Massachusetts Lead Law (105 CMR 460.000 – Lead Poisoning Prevention and Control). Surfaces tested included: walls, ceilings, floors, shelving, closet features, window systems, door systems, exterior siding, exterior trim, porch trim and features, garage exterior components, and any other component with a surface coating that was visible and reachable during the inspection.

The inspection for suspect LCP included:

1. Conduct a visual inspection of <u>accessible</u> areas of the Site to identify, quantify, and assess the condition of materials suspected to contain LCP.



- 2. Analysis of painted surfaces using a Niton Xli 300 Series X-Ray Fluorescence (XRF) Gun. The XRF Gun is a direct read instrument that can detect the presence and/or absence of LCP.
- 3. If analysis of LCP is inconclusive with the XRF Gun, Then collect bulk paint chip samples for laboratory analysis.
- 4. Analysis of bulk paint chip samples at an Accredited Laboratory using Atomic Absorption methodology.
- 5. A review of the inspection findings to ensure proper and consistent identification and characterization of all confirmed LCP.

#### 3.3.3 LCP Inspection Findings and Recommendations

Most of the materials throughout the Site were painted surfaces. All of the surfaces were analyzed with the XRF Gun and either identified as LBP or Paint not containing lead. Therefore, no bulk paint samples were collected or analyzed for lead content.

Lead paint content of components was not consistent or representative from one area to another; this is likely due to previous work that has been performed to the property from over the years of maintenance and updates. The following building components were commonly found to contain dangerous levels of lead (see individual reports for exact results):

- Plaster walls and ceilings
- Baseboards
- Doors, door casings, and door jambs
- Window sills, casings, interior stop edges, aprons, exterior sills, blind stops, and exterior casings.
- Stair risers, treads, stringers, floor edges, and floor casings
- Shelves and shelf supports
- Garage exterior components

Less commonly found to contain lead, but still having at least some locations which are considered to have dangerous amounts of lead are:

- Door thresholds and kickplates
- Exterior Cornerboards
- Porch columns

In addition to these components containing dangerous levels of lead, many of these components present one or more lead hazards as defined by 105 CMR 460.000. These hazards are either: accessible/mouthable surfaces, moveable/impact surfaces, and/or loose/chipping/peeling/deteriorated paint.



Anyone who performs work to correct lead hazards must be authorized and licensed according to 105 CMR 460.00 – Lead Poisoning Prevention and Control and 454 CMR 22.00 – Deleading and Lead Safe Renovation Regulations.

Additionally, the employer of workers who disturb or remove lead paint must comply with OSHA Standard 29 CFR 1926.62 - Lead. This applies to all construction work, alteration, or repair, including painting, where an employee may be occupationally exposed to lead.

Many of the painted surfaces did test positive for LBP and some of those surfaces are loose, therefore, further action is required regarding the LCP Inspection and Findings. An Executive Summary (*see Attachment B*) has been prepared to provide the field documentation and recommendations regarding the LBP.

Although the HUD<sup>(1)</sup> lead paint standard classifies lead-based paint (LBP) as that having  $\geq 0.5\%$  of lead by weight as analyzed by Atomic Absorption. For the purposes of renovation and/or demolition work, OSHA defines lead-containing paint (LCP) as any paint containing detectable amounts of lead.

The current interpretation of the EPA's Resource Conservation and Recovery Act (RCRA) requires that waste generated during projects where LCPs are present and will be disposed of is tested for the toxicity characteristic of lead in the waste stream. Toxicity Characteristic Leachate Procedure (TCLP) testing is performed to determine whether the waste (construction debris) must be classified as hazardous because of its lead content or if it can be disposed in a conventional construction and demolition (C&D) landfill. The regulatory limit for lead toxicity is 5.0 milligrams per liter (mg/L) using the EPA reference Method SW846-7420 for Atomic Absorption Spectroscopy (AAS).



<sup>&</sup>lt;sup>(1)</sup> U.S Department of Housing and Urban Development

#### 3.4 Radon

#### 3.4.1 Radon Introduction

The EPA estimates that about 20,000 lung cancer deaths each year in the U.S. are radon-related. Exposure to radon is the second leading cause of lung cancer after smoking. Radon is an odorless, tasteless and invisible gas produced by the decay of naturally occurring uranium in soil and water. Radon is a form of ionizing radiation and a proven carcinogen. Lung cancer is the only known effect on human health from exposure to radon in air. Thus far, there is no evidence that children are at greater risk of lung cancer than are adults.

Radon in air is ubiquitous. Radon is found in outdoor air and in the indoor air of buildings of all kinds. EPA recommends homes be fixed if the radon level is 4 pCi/L (picocuries per liter) or more. Because there is no known safe level of exposure to radon, EPA also recommends that Americans consider fixing their home for radon levels between 2 pCi/L and 4 pCi/L. The average radon concentration in the indoor air of America's homes is about 1.3 pCi/L. It is upon this level that EPA based its estimate of 20,000 radon-related lung cancers a year upon. It is for this simple reason that EPA recommends that Americans consider fixing their homes when the radon level is between 2 pCi/L and 4 pCi/L. The average concentration of radon in outdoor air is .4 pCi/L or 1/10<sup>th</sup> of EPA's 4 pCi/L action level.

For smokers the risk of lung cancer is significant due to the synergistic effects of radon and smoking. For this population about 62 people in a 1,000 will die of lung-cancer, compared to 7.3 people in a 1,000 for never smokers. Put another way, a person who never smoked (never smoker) who is exposed to 1.3 pCi/L has a 2 in 1,000 chance of lung cancer; while a smoker has a 20 in 1,000 chance of dying from lung cancer. Figure A compares the risks between smokers and never smokers; smokers are at a much higher risk than never smokers, e.g., at 8 pCi/L the risk to smokers is six times the risk to never smokers.

The radon health risk is underscored by the fact that in 1988 Congress added Title III on Indoor Radon Abatement to the Toxic Substances Control Act. It codified and funded EPA's then fledgling radon program. Also that year, the Office of the U.S. Surgeon General issued a warning about radon urging Americans to test their homes and to reduce the radon level when necessary (U.S. Surgeon General).

Unfortunately, many Americans presume that because the action level is 4 pCi/L, a radon level of less than 4 pCi/L is "safe". This perception is altogether too common in the residential real estate market. In managing any risk, we should be concerned with the greatest risk. For most Americans, their greatest exposure to radon is in their homes; especially in rooms that are below grade (e.g., basements), rooms that are in contact with the ground and those rooms immediately above them.

#### 3.4.2 Radon Sampling

Basement level locations were tested in both houses because radon enters through building foundations. The radon collection device used for this indoor air quality testing were charcoal canisters placed in the basement of both buildings for a period of approximately 48 hours. For quality control purposes trip blanks were also summited and analyzed.



#### 3.4.3 Radon Findings and Recommendations

All radon samples were analyzed by AccuStar Labs located in Medway, MA. The canister measurement device used to conduct the radon air tests are listed on the Environmental Protection Agency's (EPA's) Radon Measurement Proficiency (PMP) program. The Radon samples locations, sample identification number and analysis results are listed in the table below.

Radon Sampling	Test Results for	<b>USGC 917</b>	and 921 Main	Street Vir	ievard Haven MA
Radion Samphing	I cot itcourto ioi	0500717	and / at main	Street, vin	icyaru marcin, miri

Sample Identification Number	Location	<u>PCi/L</u> (Picocuries of Radon per Liter of air <u>)</u>
2382769	Basement of 921 Main St.	2.3
238770	Basement of 921 Main St.	2.1
2262237	Basement of 917 Main St.	1.6
2262238	Basement of 917 Main St.	1.5
2382771	Field Blank	<0.4
2382772	Field Blank	<0.4

The indoor radon levels ranged from 1.5 pCi/L to 2.3 pCi/L of radon. The United States EPA currently recommends you take action to reduce indoor radon levels if radon test results are 4 pCi/L or higher; therefore no action is required (*See Appendix C – Radon Laboratory Analysis Results*).



APPENDIX A Asbestos Bulk Sample Laboratory Analysis Results


EMSL Order: 131204616 CustomerID: AXIO80 CustomerPO: ProjectID:

Attn:	Peter A. Del Sette, Jr. Axiom Partners, Inc. 979 Main Street	Phone: Fax: Received: Analysis Date:	(781) 213-9198 (781) 213-6992 09/19/12 11:55 AM 9/26/2012
	Wakefield, MA 01880	Analysis Date.	5/20/2012
		Collected:	9/17/2012

Project: 01006.025 / USGC; Martha's Vineyard; 921 Main Street; Vineyard Haven, MA

# Test Report: Asbestos Analysis of Bulk Materials via EPA 600/R-93/116 and/or EPA 600/M4-82-020 Method(s) using Polarized Light Microscopy

				Asbestos		
Sample	Description	Appearance	%	Fibrous	% Non-Fibrous	% Type
091712-09-01A	Basement Walls -	Gray/White			100% Non-fibrous (other)	None Detected
131204616-0001	Wall Coating on Fieldstone Wall	Non-Fibrous Heterogeneous				
091712-09-01B	Basement Walls -	Gray/White			100% Non-fibrous (other)	None Detected
131204616-0002	Wall Coating on Fieldstone Wall	Non-Fibrous Heterogeneous				
091712-09-01C	Basement Walls -	Gray/White			100% Non-fibrous (other)	None Detected
131204616-0003	Wall Coating on Fieldstone Wall	Non-Fibrous Heterogeneous				
091712-09-02A	Basement	Gray/White	2%	Hair	98% Non-fibrous (other)	None Detected
131204616-0004	Stairwell - Wall and Ceiling Plaster	Fibrous Heterogeneous				
091712-09-02B	Basement	Gray/White	<1%	Hair	100% Non-fibrous (other)	None Detected
131204616-0005	Stairwell - Wall and Ceiling Plaster	Non-Fibrous Heterogeneous				
091712-09-02C	Basement	Gray/White	2%	Hair	98% Non-fibrous (other)	None Detected
131204616-0006	Stairwell - Wall and Ceiling Plaster	Fibrous Heterogeneous				
091712-09-02D	Crawl Space in	White	5%	Hair	95% Non-fibrous (other)	None Detected
131204616-0007	Bedroom - Wall and Ceiling Plaster	Fibrous Homogeneous				
091712-09-02E	Crawl Space in	White	5%	Hair	95% Non-fibrous (other)	None Detected
131204616-0008	Bedroom - Wall and Ceiling Plaster	Fibrous Homogeneous				

Analyst(s)

Kevin Pine (10) Steve Grise (15) (b)(6) & (b)(7)(C)

Renaldo Drakes, Laboratory Manager

or other approved signatory

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Initial report from 09/26/2012 14:43:51

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EMSL Order: 131204616 CustomerID: AXIO80 CustomerPO: ProjectID:

Attn:	Peter A. Del Sette, Jr. Axiom Partners, Inc. 979 Main Street Wakefield, MA 01880	Phone: Fax: Received: Analysis Date: Collected:	(781) 213-9198 (781) 213-6992 09/19/12 11:55 AM 9/26/2012 9/17/2012
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Project: 01006.025 / USGC; Martha's Vineyard; 921 Main Street; Vineyard Haven, MA

# Test Report: Asbestos Analysis of Bulk Materials via EPA 600/R-93/116 and/or EPA 600/M4-82-020 Method(s) using Polarized Light Microscopy

				Non-Asbestos	Asbestos
Sample	Description	Appearance	% Fibro	ous % Non-Fibrous	% Type
091712-09-03A	Kitchen - Mastic	Yellow		100% Non-fibrous (other)	None Detected
131204616-0009	Paper on White Floor Sheeting	Non-Fibrous Homogeneous			
091712-09-03B	Entryway at	Yellow		100% Non-fibrous (other)	None Detected
131204616-0010	Radiator - Mastic Paper on White Floor Sheeting	Non-Fibrous Homogeneous			
091712-09-04A	Kitchen - White	White		100% Non-fibrous (other)	None Detected
131204616-0011	Floor Sheeting	Non-Fibrous Homogeneous			
091712-09-04B	Entryway at	White		100% Non-fibrous (other)	None Detected
131204616-0012	Radiator - Mastic Paper of White Floor Sheeting	Non-Fibrous Homogeneous			
091712-09-05A	Bathroom - Mastic	Yellow		100% Non-fibrous (other)	None Detected
131204616-0013	Paper on Beige Peel & Stick Floor Tile	Non-Fibrous Homogeneous			
091712-09-05B	Bathroom - Mastic	Yellow		100% Non-fibrous (other)	None Detected
131204616-0014	Paper on Beige Peel & Stick Floor Tile	Non-Fibrous Homogeneous			
091712-09-06A	Bathroom - Beige	Tan		100% Non-fibrous (other)	None Detected
131204616-0015	Peel & Stick Floor Tile	Non-Fibrous Homogeneous			

Analyst(s)

Kevin Pine (10) Steve Grise (15) (b)(6) & (b)(7)(C)

Renaldo Drakes, Laboratory Manager

or other approved signatory

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EMSL Order: 131204616 CustomerID: AXIO80 CustomerPO: ProjectID:

Attn:	Peter A. Del Sette, Jr. Axiom Partners, Inc. 979 Main Street Wakefield MA 01880	Phone: Fax: Received: Analysis Date:	(781) 213-9198 (781) 213-6992 09/19/12 11:55 AM 9/26/2012
	Wakefield, MA 01880	Analysis Date: Collected:	9/26/2012 9/17/2012

Project: 01006.025 / USGC; Martha's Vineyard; 921 Main Street; Vineyard Haven, MA

# Test Report: Asbestos Analysis of Bulk Materials via EPA 600/R-93/116 and/or EPA 600/M4-82-020 Method(s) using Polarized Light Microscopy

				Non-As	Asbestos	
Sample	Description	Appearance	%	Fibrous	% Non-Fibrous	% Түре
091712-09-06B	Bathroom - Beige	Gray			100% Non-fibrous (other)	None Detected
131204616-0016	Peel & Stick Floor Tile	Non-Fibrous Homogeneous				
091712-09-07A	Attic Spaces -	Tan	90%	Cellulose	10% Non-fibrous (other)	None Detected
131204616-0017	Loose Fill Insulation	Fibrous Homogeneous				
091712-09-07B	Attic Spaces -	Tan	90%	Cellulose	10% Non-fibrous (other)	None Detected
131204616-0018	Loose Fill Insulation	Fibrous Homogeneous				
091712-09-07C	Attic Spaces -	Brown	90%	Cellulose	10% Non-fibrous (other)	None Detected
131204616-0019	Loose Fill Insulation	Fibrous Homogeneous				
091712-09-08A	Closet in Child's	Yellow			100% Non-fibrous (other)	None Detected
131204616-0020	Bedroom - Mastic on Red Brick Pattern Floor Sheeting	Non-Fibrous Homogeneous				
091712-09-08B	Closet in Child's	Yellow			100% Non-fibrous (other)	None Detected
131204616-0021	Bedroom - Mastic on Red Brick Pattern Floor Sheeting	Non-Fibrous Homogeneous				
091712-09-09A	Closet in Child's	Red			98% Non-fibrous (other)	2% Chrysotile
131204616-0022	Bedroom - Red Brick Pattern Floor Sheeting	Non-Fibrous Homogeneous				

Analyst(s)

Kevin Pine (10) Steve Grise (15) (b)(6) & (b)(7)(C)

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Initial report from 09/26/2012 14:43:51



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Attn: Peter A. Del Sette, Jr. Axiom Partners, Inc. 979 Main Street Wakefield, MA 01880	Phone: Fax: Received: Analysis Date: Collected:	(781) 213-9198 (781) 213-6992 09/19/12 11:55 AM 9/26/2012 9/17/2012
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Project: 01006.025 / USGC; Martha's Vineyard; 921 Main Street; Vineyard Haven, MA

#### Test Report: Asbestos Analysis of Bulk Materials via EPA 600/R-93/116 and/or EPA 600/M4-82-020 Method(s) using Polarized Light Microscopy

				Non-	Asbestos		Asbestos
Sample	Description	Appearance	%	Fibrous	%	Non-Fibrous	% Type
091712-09-09B 131204616-0023	Closet in Child's Bedroom - Red Brick Pattern Floor Sheeting						Stop Positive (Not Analyzed)
091712-09-10A 131204616-0024	6 over 9 Double Hung Units - Exterior Window Glazing	Tan Non-Fibrous Homogeneous				100% Non-fibrous (other)	None Detected
091712-09-10B 131204616-0025	6 over 9 Double Hung Units - Exterior Window Glazing	Tan Non-Fibrous Homogeneous				100% Non-fibrous (other)	None Detected
091712-09-10C 131204616-0026	6 over 9 Double Hung Units - Exterior Window Glazing	Tan Non-Fibrous Homogeneous				100% Non-fibrous (other)	None Detected

Analyst(s)

Kevin Pine (10) Steve Grise (15) (b)(6) & (b)(7)(C

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EMSL Order: 131204615 CustomerID: AXIO80 CustomerPO: ProjectID:

Attn:	Peter A. Del Sette, Jr. Axiom Partners, Inc. 979 Main Street Wakefield, MA 01880	Phone: Fax: Received: Analysis Date: Collected:	(781) 213-9198 (781) 213-6992 09/19/12 11:55 AM 9/26/2012 9/17/2012
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Project: 01006.024 / USGC; Martha's Vineyard; 917 Main Street; Vineyard Haven, MA

### Test Report: Asbestos Analysis of Bulk Materials via EPA 600/R-93/116 and/or EPA 600/M4-82-020 Method(s) using Polarized Light Microscopy

				Non-	Asbestos	
Sample	Description	Appearance	%	Fibrous	% Non-Fibrous	% Type
091712-09-11A	FIRST FLOOR	Clear			100% Non-fibrous (other)	None Detected
131204615-0001	BATHROOM - MASTIC ON 12"x12" BROWN FLOOR TILE	Non-Fibrous Homogeneous				
091712-09-11B	FIRST FLOOR -	Yellow			100% Non-fibrous (other)	None Detected
131204615-0002	MASTIC ON 12"x12" BROWN FLOOR TILE	Non-Fibrous Homogeneous				
091712-09-12A	FIRST FLOOR	Tan			100% Non-fibrous (other)	None Detected
131204615-0003	BATHROOM - 12"x12" BROWN FLOOR TILE	Non-Fibrous Homogeneous				
091712-09-12B	FIRST FLOOR -	Gray			100% Non-fibrous (other)	None Detected
131204615-0004	12"x12" BROWN FLOOR TILE	Non-Fibrous Homogeneous				
091712-09-13A	KITCHEN SINK -	White	15%	Cellulose	85% Non-fibrous (other)	None Detected
131204615-0005	WHITE SINK UNDERCOATING	Non-Fibrous Homogeneous				
091712-09-13B	KITCHEN SINK -	Tan	15%	Cellulose	85% Non-fibrous (other)	None Detected
131204615-0006 WHITE SINK UNDERCOAT	WHITE SINK UNDERCOATING	Non-Fibrous Homogeneous				
091712-09-14A	LAUNDRY	White	2%	Cellulose	98% Non-fibrous (other)	None Detected
131204615-0007	AREA - GYPSUM BOARD	Non-Fibrous Homogeneous				

Analyst(s)

Kevin Pine (12) Steve Grise (15) (b)(6) & (b)(7)(C)

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Initial report from 09/26/2012 14:15:17



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Attn:	Peter A. Del Sette, Jr. Axiom Partners, Inc. 979 Main Street Wakefield, MA 01880	Phone: Fax: Received: Analysis Date: Collected:	(781) 213-9198 (781) 213-6992 09/19/12 11:55 AM 9/26/2012 9/17/2012
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Project: 01006.024 / USGC; Martha's Vineyard; 917 Main Street; Vineyard Haven, MA

### Test Report: Asbestos Analysis of Bulk Materials via EPA 600/R-93/116 and/or EPA 600/M4-82-020 Method(s) using Polarized Light Microscopy

			Non-Asbestos			Asbestos
Sample	Description	Appearance	%	Fibrous	% Non-Fibrous	% Type
091712-09-14B	SECOND FLOOR	White	2%	Cellulose	98% Non-fibrous (other)	None Detected
131204615-0008	MIDDLE BEDROOM - GYPSUM BOARD	Non-Fibrous Homogeneous				
091712-09-15A	LAUNDRY	White			100% Non-fibrous (other)	None Detected
131204615-0009	area - Joint Compound W/Sample 14a	Non-Fibrous Homogeneous				
091712-09-15B	SECOND FLOOR	Tan			98% Non-fibrous (other)	2% Chrysotile
131204615-0010	Middle Bedroom - Joint Compound W/Sample 14B	Non-Fibrous Homogeneous				
091712-09-16A	CHASE IN	Gray/W hite	2%	Hair	98% Non-fibrous (other)	None Detected
131204615-0011	SECOND FLOOR MIDDLE BEDROOM - WALL AND CEILING PLASTER	Fibrous Heterogeneous				
091712-09-16B	BASEMENT -	Gray/White	<1%	Hair	100% Non-fibrous (other)	None Detected
131204615-0012	WALL AND CEILING PLASTER	Non-Fibrous Heterogeneous				
091712-09-16C	BASEMENT -	Gray/White	2%	Hair	98% Non-fibrous (other)	None Detected
131204615-0013	WALL AND CEILING PLASTER	Non-Fibrous Homogeneous				

Analyst(s)

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Initial report from 09/26/2012 14:15:17



EMSL Order: 131204615 CustomerID: AXIO80 CustomerPO: ProjectID:

Attn:Peter A. Del Sette, Jr.Phone:(78Axiom Partners, Inc.Fax:(78979 Main StreetReceived:09Wakefield, MA 01880Analysis Date:9/2Collected:9/4	781) 213-9198 781) 213-6992 9/19/12 11:55 AM /26/2012 /17/2012
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Project: 01006.024 / USGC; Martha's Vineyard; 917 Main Street; Vineyard Haven, MA

# Test Report: Asbestos Analysis of Bulk Materials via EPA 600/R-93/116 and/or EPA 600/M4-82-020 Method(s) using Polarized Light Microscopy

			Non-/	Asbestos	Asbestos
Sample	Description	Appearance	% Fibrous	% Non-Fibrous	% Type
091712-09-16D	ATTIC - WALL	Gray/White	2% Hair	98% Non-fibrous (other)	None Detected
131204615-0014	AND CEILING PLASTER	Fibrous Heterogeneous			
091712-09-16E	ATTIC - WALL	Gray/White	2% Hair	98% Non-fibrous (other)	None Detected
131204615-0015	AND CEILING PLASTER	Fibrous Heterogeneous			
091712-09-17A	SECOND FLOOR	Yellow		100% Non-fibrous (other)	None Detected
131204615-0016	BATH - MASTIC ON BEIGE FLOOR TILES	Non-Fibrous Homogeneous			
091712-09-17B	SECOND FLOOR	Yellow		100% Non-fibrous (other)	None Detected
131204615-0017	BATH - MASTIC ON BEIGE FLOOR TILES	Non-Fibrous Homogeneous			
091712-09-18A	SECOND FLOOR	Tan	20% Cellulose	80% Non-fibrous (other)	None Detected
131204615-0018	BATH - BEIGE FLOOR TILES	Fibrous Heterogeneous			
091712-09-18B	SECOND FLOOR	Tan	20% Cellulose	80% Non-fibrous (other)	None Detected
131204615-0019	BATH - BEIGE FLOOR TILES	Fibrous Heterogeneous			
091712-09-19A	ATTIC FLOOR -	Tan	90% Cellulose	10% Non-fibrous (other)	None Detected
131204615-0020	LOOSE FILL INSULATION	Fibrous Homogeneous			
091712-09-19B	ATTIC FLOOR -	Tan	90% Cellulose	10% Non-fibrous (other)	None Detected
131204615-0021	LOOSE FILL INSULATION	Fibrous Homogeneous			

Analyst(s)

Kevin Pine (12) Steve Grise (15)



Renaldo Drakes, Laboratory Manager

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EMSL Order: 131204615 CustomerID: AXIO80 CustomerPO: ProjectID:

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Project: 01006.024 / USGC; Martha's Vineyard; 917 Main Street; Vineyard Haven, MA

# Test Report: Asbestos Analysis of Bulk Materials via EPA 600/R-93/116 and/or EPA 600/M4-82-020 Method(s) using Polarized Light Microscopy

			Non-Ast	pestos	Asbestos
Sample	Description	Appearance	% Fibrous	% Non-Fibrous	% Type
091712-09-19C 131204615-0022	ATTIC FLOOR - LOOSE FILL INSULATION	Tan Fibrous Homogeneous	90% Cellulose	10% Non-fibrous (other)	None Detected
091712-09-20A 131204615-0023	SIX OVER FOUR DOUBLE HUNG UNITS - EXTERIOR WINDOW GLAZING COMPOUND	White Non-Fibrous Homogeneous		100% Non-fibrous (other)	None Detected
091712-09-20B 131204615-0024	Four over Four double Hung Units - Exterior Window Glazing Compound	White Non-Fibrous Homogeneous		100% Non-fibrous (other)	None Detected
091712-09-20C 131204615-0025	SIX OVER NINE DOUBLE HUNG UNITS - EXTERIOR WINDOW GLAZING COMPOUND	Tan Non-Fibrous Homogeneous		100% Non-fibrous (other)	None Detected

Analyst(s)

Kevin Pine (12) Steve Grise (15) (b)(6) & (b)(7)(C)

5)

Renaldo Drakes, Laboratory Manager or other approved signatory

EMSL maintains liability limited to cost of analysis. This report relates only to the samples reported and may not be reproduced, except in full, without written approval by EMSL. EMSL bears no responsibility for sample collection activities or analytical method limitations. Interpretation and use of test results are the responsibility of the client. This report must not be used by the client to claim product certification, approval, or endorsement by NVLAP, NIST or any agency of the federal government. Non-friable organically bound materials present a problem matrix and therefore EMSL recommends gravimetric reduction prior to analysis. Samples received in good condition unless otherwise noted. Estimated accuracy, precision and uncertainty data available upon request. Unless requested by the client, building materials manufactured with multiple layers (i.e. linoleum, wallboard, etc.) are reported as a single sample. Reporting limit is 1% Samples analyzed by EMSL Analytical, Inc. Woburn, MA NVLAP Lab Code 101147-0, CT PH-0315, MA AA000188, RI AAL-107T3 and VT AL357102

Initial report from 09/26/2012 14:15:17



EMSL Order: 131204615 CustomerID: AXIO80 CustomerPO: ProjectID:

Attn:         Peter A. Del Sette, Jr.         Phone:         (781) 213-9198           Axiom Partners, Inc.         Fax:         (781) 213-6992           979 Main Street         Received:         09/19/12 11:55 AM           Wakefield, MA 01880         Collected:         9/26/2012	
---	--

Project: 01006.024 / USGC; Martha's Vineyard; 917 Main Street; Vineyard Haven, MA

# Test Report: Asbestos Analysis of Bulk Materials via EPA 600/R-93/116 and/or EPA 600/M4-82-020 Method(s) using Polarized Light Microscopy

				Non-	Asbestos	Asbestos
Sample	Description	Appearance	%	Fibrous	% Non-Fibrous	% Type
091712-09-21A 131204615-0026	Garage Six Over Six Double Hung Units - Exterior Window Glazing Compound	Gray Non-Fibrous Homogeneous			100% Non-fibrous (other)	None Detected
091712-09-21B 131204615-0027	GARAGE SIX OVER SIX DOUBLE HUNG UNITS - EXTERIOR WINDOW GLAZING COMPOUND	White Non-Fibrous Homogeneous			100% Non-fibrous (other)	None Detected

Analyst(s)

Kevin Pine (12) Steve Grise (15) (b)(6) & (b)(7)(C)

Renaldo Drakes, Laboratory Manager

or other approved signatory

5

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Initial report from 09/26/2012 14:15:17

Test Report PLM-7.16.0 Printed: 9/26/2012 2:15:17 PM

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456789

10 11 12

13

15



AXIOM PARTNERS 979 MAIN STREET WAKEFIELD, MA 01880 PHONE: 781.213.9198 FAX: 781.213.6992 EMSL LABORATORY ORDER #: 131204616

Sample(s) received in good condition? [Y] [N] Discernable field blank submitted? [Y] [N]

### Asbestos Analysis - Chain of Custody Form

Sampled by:	d by: Peter A. Del Sette, Jr.			r. Date Collected: 09-17-2012				
Project Name:		Asbestos	s-Containing Mat	containing Materials Survey				
Project Site:		USGC, N	Martha's Vineyard	d, 921 Main St	reet, Vineyard H	laven, MA		
Project ID/Num	ber:	01006.02	25	13.1.62	A. Carrier	1971	A STATE	
Special Lab Ins	tructions:	Positive	Stop, Five Day T	urnaround, E-	Mail Results to	(b)(6) & (	b)(7)(C)	
TURNAROUN	ND TIME - If tu	Irn around t	ime is not chos	en standard t	urnaround time	e applies (6 +	Days)	
3 Hours	G Hours	12 Hours	24 Hours	48 Hours	T2 Hours	□ 4 Days	5 Days	□ 6-10 Days
TYPE OF AS	BESTOS ANA	LYSIS						
NIOSH 7400 ( OSHA w/TWA PLM – Bulk EPA 600/R-93/ Gelifornia Air R NY Stratified P NIOSH 9002 PLM NOB (Gra EPA Point Coul Standard Addi	A) Issue 2: August <b>116</b> lesource Board (CA <b>Point Count</b> wimetric) NYS 198. nt (400 Points) nt (1,000 Points) <b>tion Point Count</b>	1994 RB) 435 1	SOILS  EPA Protocol EPA Protocol Superfund EF TEM AIR AHERA 40 C NIOSH 7402 EPA Level II TEM WIPE ASTM D-6480 Qualitative	ol Qualitative ol Quantitative 2000 Method fiber 2A 540-R097-028 CFR, Part 763 Su Issue 2 0-99	s/gram (dust generation) bpart E	TEM MICRON ASTM D S TEM BULK Chatfield S TEM NOB TEM WATER EPA 100. NYS 198. Other: Pa	/AC 5755-95 (Quantitative) SOP-1988-02 (Gravimetric) NY 1 1 2 2 <b>3</b> <b>9 1</b> of <b>2</b>	re) 198.4
SAMPLE NUMBER	SAMPLE TYPE		SAMPL	E		COMMENTS		
091712-09-01A	Bulk	13.14	Wall Coating on Fi	eldstone Wall		Basement Walls		
091712-09-01B	Bulk	1	Wall Coating on Fi	ieldstone Wall			Basement Wal	ls
091712-09-01C	Bulk	,	Wall Coating on Fi	ieldstone Wall	Trailer E.C.		Basement Wal	ls
091712-09-02A	Bulk		Wall and Ceilin	ng Plaster			Basement Stairv	vell
091712-09-02B	Bulk		Wall and Ceilin	ng Plaster	1.1.1	En Stage	Basement Stairv	vell
091712-09-02C	Bulk		Wall and Ceilin	g Plaster	See. 14		Basement Stairw	vell
091712-09-02D	Bulk		Wall and Ceilin	g Plaster		Ci	rawl Space in Bed	Iroom
091712-09-02E	Bulk	the constant	Wall and Ceilin	g Plaster	1210 1-12	Ci	awl Space in Bed	Iroom
091712-09-03A	Bulk	Mas	stic Paper on White	Floor Sheeting	i al la		Kitchen	
091712-09-03B	Bulk	Mas	stic Paper on White	Floor Sheeting	A. Carred	S. 4 30.	Entryway At Radia	ator
091712-09-04A	Bulk	19 19 19	White Floor S	heeting	de la cal	Contract of	Kitchen	
091712-09-04B	Bulk	Ma	stic Paper of White	Floor Sheeting		100	Entryway At Radia	ator
091712-09-05A	Bulk	Mastic Pa	aper on Beige Peel	and Stick Floor	Tiles	1.10	Bathroom	
091712-09-05B	Bulk	Mastic Pa	aper on Beige Peel	and Stick Floor	Tiles	1 S. A. south	Bathroom	
091712-09-06A	Bulk	E	Beige Peel and Stic	k Floor Tiles			Bathroom	
Relinquished: Peter A. Del Sette, Jr Received:			D	ate: 09-17-2	5 15 1 19 102 EP 1 9 2012	Time		
		1.1.1.1			By SC	2211 3	wai	kin

131204616



PARTNERS
IN STREET
D, MA 01880
81.213.9198
81.213.6992

EMSL LABORATORY ORDER #: 131204616

Sample(s) received in good condition? [Y] [N] Discernable field blank submitted? [Y] [N]

### Asbestos Analysis - Chain of Custody Form

Sampled by:		Peter A.	Del Sette, Jr.		I	Date Collected	: 09-17-201	2
Project Nam	e:	Asbestos	s-Containing Ma	aterials Survey				
Project Site:		USGC, N	lartha's Vineya	ard, 921 Main St	reet, Vineyard H	laven, MA		
Project ID/Number: 01006.025								
Special Lab	nstructions:	Positive	Stop, Five Day	Turnaround, E-	Mail Results to	(b)(6) & (b	o)(7)(C)	
TURNARC		If turn around t	ime is not cho	sen standard t	urnaround time	e applies (6 +	Days)	
D 3 Hours	G Hours	D 12 Hours	24 Hours	48 Hours	T 72 Hours	4 Davs	D 5 Davs	□ 6-10 Dave

#### TYPE OF ASBESTOS ANALYSIS

CANDI

SAMPLE

	PCM – Air	2002	TEM MICEONIA	-
			TEM MICROVAC	100
	NIOSH /400 (A) Issue 2: August 1994	EPA Protocol Qualitative	ASTM D 5755-95 (Quantitative)	100
	OSHA w/TWA	EPA Protocol Quantitativo		100
1	DIM Dulk		TEMBULK	200
8	PLM - BUIK	EMSL MSD 9000 Method fibers/gram	Drop Mount (Qualitative)	133
	EPA 600/R-93/116	Superfund EPA 540-R097-028 (dust generation)	Chatfield COD 1099 02	10.0
	California Air Pasouros Board (CADD) 425	TEN AID	Citatileid SOP-1900-02	123
	California Ali Resource Board (CARB) 430	TEMAIR	TEM NOB (Gravimetric) NY 198.4	1000
	NY Stratified Point Count	AHERA 40 CFR. Part 763 Subpart F	TEM WATER	200
	NIOSH 9002			123
			EPA 100.1	283
	PLM NOB (Gravimetric) NYS 198.1		FPA 100 2	100
1	EPA Point Count (400 Points)	TEM WIDE		
1	EDA Daint Count (1 000 Dainta)		<u>NTS 198.2</u>	
1	EPA Point Count (1,000 Points)	ASTM D-6480-99	Other: Page 2 of 2	
1	Standard Addition Point Count	Qualitative		255

NUMBER	TYPE	SAMPLE	COMMENTS
091712-09-06B	Bulk	Beige Peel and Stick Floor Tiles	Bathroom
091712-09-07A	Bulk	Loose Fill Insulation	Attic Spaces
091712-09-07B	Bulk	Loose Fill Insulation	Attic Spaces
091712-09-07C	Bulk	Loose Fill Insulation	Attic Spaces
091712-09-08A	Bulk	Mastic on Red Brick Pattern Floor Sheeting	Closet In Childs Bedroom
091712-09-08B	Bulk	Mastic on Red Brick Pattern Floor Sheeting	Closet In Childs Bedroom
091712-09-09A	Bulk	Red Brick Pattern Floor Sheeting	Closet In Childs Bedroom
091712-09-09B	Bulk	Red Brick Pattern Floor Sheeting	Closet In Childs Bedroom
091712-09-10A	Bulk	Exterior Window Glazing	Six Over Nine Double Hung Units
091712-09-10B	Bulk	Exterior Window Glazing	Six Over Nine Double Hung Units
091712-09-10C	Bulk	Exterior Window Glazing	Four over Nine Double Hung Units
Relinquished:	Peter A. Del Sette	Jr DECELUIE	7-2102 Time:
leceived:	1. 10 M	Busch 11:55 Date:	Time:



1.

AXION	A PA	RTN	ERS
979 M	AIN	STR	EET
WAKEFIE	LD,	MA	01880
PHONE:	781	.213	.9198
FAX:	781	.213	.6992

EMSL LABORATORY ORDER #: 131204615

walkin

Sample(s) received in good condition? [Y] [N] Discernable field blank submitted? [Y] [N]

#### Asbestos Analysis - Chain of Custody Form

Sampled by:	Peter A. Del Sette, Jr.	Date Collected: 09-17-2012				
Project Name:	Asbestos-Containing Materials Survey					
Project Site:	USGC, Martha's Vineyard, 917 Main Street, Vineyard Haven, MA					
Project ID/Number:	01006.024					
Special Lab Instructions:	Positive Stop, Five Day Turnaround, E-Mail Results to (b)(6) & (b)(7)(C)					

TURNAROUND TIME - If turn around time is not chosen standard turnaround time applies (6 + Days)

	3 Hours	G Hours	12 Hours	24 Hours	48 Hours	T 72 Hours	🗆 4 Days	5 Days	□ 6-10 Days
	TYPE OF	ASBESTOS A	NALYSIS		- The second				
	PCM – Air			SOILS			TEM MICROV	AC	
	NIOSH 74	00 (A) Issue 2: Aug	just 1994	EPA Proto	col Qualitative			155-95 (Quantitativ	'e)
	DIM_Bulk	WA		EPA Proto	9000 Method fiber	rs/oram		nt (Qualitative)	
a	DO EPA 600/R	-93/116			EPA 540-R097-028	(dust generation)	Chatfield	OP-1988-02	
e	California Air Resource Board (CARB) 435			TEM AIR			TEM NOB (Gravimetric) NY 198.4		
JA,	NY Stratifi	ed Point Count		AHERA 40	CFR, Part 763 Su	ibpart E	TEM WATER	a la a stati	
214.	NIOSH 900	2	13.12.64.64	NIOSH 740	02 Issue 2		EPA 100.	1	
		Gravimetric) NYS	198.1	EPA Level			D NYS 108	2	
	EPA Point	Count (400 Points)	cl		00.081		Cother: Pa	4 ne 1 of 2	
	Standard /	Addition Point Co	unt	Qualitative	100-00		Goulering	<b>JU</b> . <b>U</b> . <b>U</b>	

EPA Point Count (	1,000 Points) Point Count	ASTM D-6480-99 Qualitative	Other: Page 1 of 2
SAMPLE NUMBER	SAMPLE TYPE	SAMPLE	COMMENTS
091712-09-11A	Bulk	Mastic on 12" x 12" Brown Floor Tile	First Floor Bathroom
091712-09-11A	Bulk	Mastic on 12" x 12" Brown Floor Tile	First Floor
091712-09-12A	Bulk	12" x 12" Brown Floor Tile	First Floor Bathroom
091712-09-12B	Bulk	12" x 12" Brown Floor Tile	First Floor
091712-09-13A	Bulk	White Sink Undercoating	Kitchen Sink
091712-09-13B	Bulk	White Sink Undercoating	Kitchen Sink
091712-09-14A	Bulk	Gypsum Board	Laundry Area
091712-09-14B	Bulk	Gypsum Board	Second Floor Middle Bedroom
091712-09-15A	Bulk	Joint Compound w/Sample #14A	Laundry Area
091712-09-15B	Bulk	Joint Compound w/Sample #14B	Second Floor Middle Bedroom
091712-09-16A	Bulk	Wall and Ceiling Plaster	Chase in Second Floor Middle Bedroom
091712-09-16B	Bulk	Wall and Ceiling Plaster	Basement
091712-09-16C	Bulk	Wall and Ceiling Plaster	Basement
091712-09-16D	Bulk	Wall and Ceiling Plaster	Attic
091712-09-16E	Bulk	Wall and Ceiling Plaster	
Relinquished:	Peter A. Del Sette,	Jr Date:	SEP <sup>99-17-3102</sup> 012 Time:
Received.		Date:	Time:

131204615



EPA Point Count (400 Points) EPA Point Count (1,000 Points)

AXIOM PARTNERS 979 MAIN STREET WAKEFIELD, MA 01880 PHONE: 781.213.9198 FAX: 781.213.6992

TEM WIPE

ASTM D-6480-99

EMSL LABORATORY ORDER #:

NYS 198.2 Other: Page 2 of 2

131204615 Sample(s) received in good condition? [Y] [N]

Discernable field blank submitted? [Y] [N]

### Asbestos Analysis - Chain of Custody Form

Sampled by: Peter A. Project Name: Asbestos			Del Sette, Jr.		0	Date Collected	d: 09-17-201	12
			-Containing Ma	aterials Survey				
Project Site: USGC, Martha's Vineyard, 917 Main Street, Vineyard Haven, MA								
roject ID/Nu	mber:	01006.02	24					4
pecial Lab I	nstructions:	Positive	Stop, Five Day	Turnaround, E-	Mail Results to	(b)(6) & (l	o)(7)(C)	Share the second
3 Hours	G Hours	12 Hours	24 Hours	48 Hours	D 72 Hours	applies (6 +	Days)	G 6-10 Days
PCM – Air NIOSH 74 OSHA w/T PLM – Bulk	ASBESTOS A 00 (A) Issue 2: Aug WA -93/116	NALYSIS ust 1994	SOILS EPA Proto EPA Proto	col Qualitative col Quantitative 9 9000 Method fibe EPA 540.8097.02	rs/gram	TEM MICROV	/AC 5755-95 (Quantitati Int (Qualitative) SOP-1988-02	ve)
EPA 600/R-93/116     California Air Resource Board (CARB) 435     NY Stratified Point Count     NIOSH 9002     PLM NOB (Gravimetric) NYS 198 1		TEM AIR	<b>) CFR, Part 763 S</b> D2 Issue 2 II	ubpart E	TEM WATER	(Gravimetric) NY	198.4	

Standard Addition	n Point Count		ve		1	
SAMPLE NUMBER	SAMPLE TYPE	S	AMPL			COMMENTS
091712-09-17A	Bulk	Mastic on	Beige	Floor Tiles		Second Floor Bath
091712-09-17B	Bulk	Mastic on	Beige	Floor Tiles		Second Floor Bath
091712-09-18A	Bulk	Beige	Floor	Tiles		Second Floor Bath
091712-09-18B	Bulk	Beige	Floor	Tiles		Second Floor Bath
091712-09-19A	Bulk	Loose	Fill Ins	ulation		Attic Floor
091712-09-19B	Bulk	Loose	Fill Ins	ulation		Attic Floor
091712-09-19C	Bulk	Loose	Fill Ins	ulation		Attic Floor
091712-09-20A	Bulk	Exterior Windo	w Glaz	ing Compound		Six Over Four Double Hung Units
091712-09-20B	Bulk	Exterior Windo	w Glaz	ing Compound		Four Over Four Double Hunt Units
091712-09-20C	Bulk	Exterior Windo	w Glaz	ing Compound		Six Over Nine Double Hung Units
091712-09-21A	Bulk	Exterior Windo	w Glaz	ing Compound		Garage Six Over Six Double Hung Units
091712-09-21B	Bulk	Exterior Windo	w Glaz	ing Compound		Garage Six Over Six Double Hung Units
		D)	E (	BELVEN		ţi
Relinquished:	Peter A. Del Set	te, Jr	SE	P 1 9 2012Date:	09-17-2	102 Time:
Received:		Bu	50	) JSC Date:		Time:

APPENDIX B LBP Executive Summary & Field Documentation



October 17, 2012

Via E-Mail

United States Coast Guard CEU Providence 300 Metro Center Boulevard Warwick, RI 02886-1747 Attn: (b)(6) & (b)(7)(C)

Re: Executive Summary for Lead Based Paint, Martha's Vineyard Housing West Chop #1 & #2, Vineyard Haven, Massachusetts, Contract No. HSCGG1-08-D-3RX001 / 01010770714901

Dear<sup>(b)(6) & (b)(7)(C)</sup>;

H&S Environmental, Inc. (H&S) conducted lead based paint inspections for the USCG at 917 & 920 East Main Street, Vineyard Haven, MA 02568 (also known as West Chop #1 and #2) on September 20, 2012. An executive summary of the lead based paint inspections are below:

#### Executive Summary for 917 East Main Street (West Chop #1)

#### Site Location and Description

The Site (917 East Main Street) is comprised of a wood framed house and a garage. The house is two floors with a full basement and is approximately 1,800 square foot. The basement is a combination of field stone and brick. The roof is a pitched wood framed structure and covered with three-tab asphalt roof shingles. Interior walls and ceilings are combination plaster and drywall. The wood subfloors are covered with a combination of hardwood and resilient floor sheeting and vinyl-composite floor tiles. Windows are wood-cased, double hung units. Heat is provided by an oil fired furnace in the basement and is delivered to the individual spaces by room radiators. The house at 917 Main Street is vacant.

#### Findings and Results

The XRF testing was performed to evaluate the lead content on painted surfaces for interior and exterior surfaces in housing, and determine the presence of lead hazards as defined by the Massachusetts Lead Law (105 CMR 460.000 – Lead Poisoning Prevention and Control). Surfaces tested included: walls, ceilings, floors, shelving, closet features, window systems, door systems, exterior siding, exterior trim, porch trim and features, garage exterior components, and any other component with a surface coating that was visible and reachable during the inspection.

Lead paint content of components was <u>not consistent</u> or <u>representative</u> from one area to another; this is likely due to previous work that has been performed to the property from over the years of maintenance and updates. The following building components were found to contain dangerous levels of lead (see individual reports for exact results):

- Plaster walls and ceilings
- Baseboards
- Doors, door casings, and door jambs
- Window sills, casings, interior stop edges, aprons, exterior sills, blind stops, and exterior casings.
- Stair risers, treads, stringers, floor edges, and floor casings
- Shelves and shelf supports
- Garage exterior components

Less commonly found to contain lead, but still having at least some locations which are considered to have dangerous amounts of lead are:

- Door thresholds and kickplates
- Exterior Cornerboards
- Porch columns

In addition to these components containing dangerous levels of lead, many of these components present one or more lead hazards as defined by 105 CMR 460.000. These hazards are either:

- accessible/mouthable surfaces
- moveable/impact surfaces, and/or
- loose/chipping/peeling/deteriorated paint.

Anyone who performs work to correct lead hazards must be authorized and licensed according to 105 CMR 460.00 – Lead Poisoning Prevention and Control and 454 CMR 22.00 – Deleading and Lead Safe Renovation Regulations.

Additionally, the employer of workers who disturb or remove lead paint must comply with OSHA Standard 29 CFR 1926.62 - Lead. This applies to all construction work, alteration, or repair, including painting, where an employee may be occupationally exposed to lead.

Although the HUD<sup>1</sup> lead paint standard classifies Lead-Based Paint (LBP) as having  $\geq 0.5\%$  of lead by weight as analyzed by Atomic Absorption, for the purposes of renovation and/or demolition work, OSHA defines LCP's as any paint containing detectable amounts of lead. The condition of the lead containing paint listed in Appendix B ranges from good to damage.

The findings of this inspection are included in Attachment A.

#### **Recommendations for Deleading In Massachusetts**

A comprehensive lead paint inspection was performed at the Site by a licensed lead paint inspector which included information regarding the lead paint content of every accessible surface by location for that property. In addition, if a dangerous level of lead is detected on a surface (equal to or greater than **1.0 milligrams per square centimeter**) then the inspector will also indicate if any lead hazards are associated with that surface.

The Massachusetts Lead Law requires that a property where a child under six years of age resides be free of any lead hazards. Lead hazards cannot exist inside the living space of the unit, on the exterior of any accessible building on the lot line, or in any common areas if there are any. This can only be determined after a comprehensive lead inspection is performed.

If no lead hazards are found at the time of the initial inspection, a Letter of Full Initial Lead Inspection Compliance may be issued for the property. If lead hazards are found, then all lead hazards must be deleaded in order to make the property lead-safe.

Lead Hazards fall into one of three categories in Massachusetts:

- Accessible/Mouthable (A/M) A surface that is 5 feet or less from the floor, ground, or stair tread that protrudes more a ½ inch or more, or forms an outside corner. All metal surfaces are not considered A/M except for handrails, railing caps, and window sills.
- Moveable/Impact (M/I) A frictional piece in a window system in which that window system has a sill located 5 feet or less from the floor, ground, or stair tread. Also storm window frames must be removed if there is lead paint on the exterior window sill or blind stop so lead chips will not build up inside.
- Loose (L) A surface that is loose, chipping, peeling, flaking, damaged, or otherwise deteriorated.

Therefore a typical lead abatement job will require that all moveable/impact parts of windows be completely abated, all accessible/mouthable surfaces are abated to a minimum height of 5 feet, and all other remaining loose lead paint is stabilized and made intact. All work performed for these purposes MUST be performed by a licensed or authorized person.

<sup>&</sup>lt;sup>1</sup> U.S. Department of Housing and Urban Development

Authorization of workers in Massachusetts is broken into three categories determined by the risk of the lead abatement task. Authorization comes from either the Childhood Lead Poisoning Prevention Program (CLPPP) or the Department of Labor Standards (DLS). These are described in *Table 1*.

Massac	husetts Deleading Authorization	n Levels
Low Risk	Moderate Risk	High Risk
Reserved for owners and their	Two ways of authorization.	Deleading Contractors,
agents.		Deleading Supervisors, and
	For owners and their agents,	Deleading Workers.
Low risk deleading requires	they may take a one day	
the person to read two	approved by CLPPP called	A 3-day course for workers,
informational pamphlets and	Moderate Risk Owner/Agent.	and a 4-day course for
submit two quizzes (located in	CLPPP mails a person who	supervisors/contractors is
the pamphlets) to CLPPP.	completes the course a quiz,	required. Highly regulated by
	which is mailed back to	DLS through strict
	CLPPP upon completion.	enforcement, including blood
		monitoring of employees.
	Contractors may take the one	
	day RRP course followed by a	Requires an annual one day
	4-hour Moderate Risk Option	refresher.
	for Lead-Safe Renovators	
	course which is approved by	
	DLS. Upon course	
	completion DLS/CLPPP will	
	provide an authorization	
	number.	

Table 1
Massachusetts Deleading Authorization Levels

An appropriately authorized person may then perform some or all of the lead abatement necessary for the property to gain a Letter of Full Deleading Compliance. Each of the previously described lead hazards has multiple ways of being remediated. *Table 2* describes how each lead be hazard may be deleaded.

#### Table 2 Deleading Methods

Type of Lead Hazard	Deleading Method
Accessible/Mouthable	Coating Removal (High Risk) – Surface is wet scrapped or stripped
	to bare substrate to a minimum height of 5 feet. If it is an outside
	corner, then it is scraped to a minimum of 5 feet high and 4 inches
	back from all edges.
	Replacement (Moderate Risk) – Component is removed in a piece-
	by-piece manner and replaced with a new component which is
	appropriately installed. Replacement of walls and ceilings is

	considered High Risk Deleading.
	<b>Encapsulating Paint</b> (Low Risk) – Surface is painted with a specialized paint called an encapsulant. Encapsulants are designed specifically to cover A/M lead painted surfaces. The surface must be in good condition. If marked loose on the inspection report, a Moderate or High Risk Deleader must make the surface intact first. Good for historical preservation.
	<b>Covering (Low Risk)</b> – Some surfaces may be covered to block access to a surface that is considered A/M. Typically these surfaces are on the outside corners of walls or ceiling/walls, or may be in an uncommon location. Covering may also be used for other reasons as well.
	<b>Dipping (Various)</b> – A component is removed and taken to an off-site dipping facility to remove all coatings, and then reinstalled by the appropriately authorized person. This is usually done for doors, but can be used for other components if desired.
Moveable/Impact	<b>Window Replacement (Moderate Risk)</b> - Window system is removed and replaced with a new self-contained system that does not rub on any part of the existing window trim. This is usually done with a vinyl replacement window.
	<b>Covering (Low Risk)</b> – In some cases where windows have been previously partially modernized, covering of specific surfaces may be enough to remove any lead hazards from the window. In this situation, only the exterior sill and/or blind stop have lead paint on them. Aluminum sheet metal may be used to cover the exterior sill and blind stop, but must be done so that all edges are caulked and wrap into the storm window frame if there is one.
	<b>Coating Removal (High Risk)</b> – This method is chosen for historical preservation applications. The window sash is typically wet scrapped or dipped off-site if it has lead paint. All putty must be scrapped out of the sash as well. The rest of the window parts should be wet scrapped or stripped to bare substrate. Partial replacement may be used with replica components if necessary or desired.
Loose	Make Intact (High Risk) - Loose paint is flaked and spot-primed in
	order to stabilize it. Surface cracks and imperfections are repaired using spackle, wood putty, or other appropriate materials. Severely
	damaged or rotted components may need partial or full replacement.
	Moderate Risk Make Intact (Moderate Risk) - Loose paint is
	flaked and spot-primed in order to stabilize it. Surface cracks and

imperfections are repaired using spackle, wood putty, or other appropriate materials. Severely damaged or rotted components may need partial or full replacement. Moderate Risk Make Intact is limited to 2 sq. ft. per interior room or 10 sq. ft. for the entire exterior. Exceeding this limit becomes High Risk.
<b>Covering (Low Risk)</b> - Surface is covered with an appropriate material for the application. The component should be completed covered, and the covering be mechanically fastened to the surface by screws, nails, or construction adhesive. All edges and seams should be caulked so no loose paint chips or dust can be released. The surface below does not need to be made intact before being covered. Covering may also be used for other reasons as well.
<b>Replacement</b> (Moderate Risk) - Component is removed in a piece- by-piece manner and replaced with a new component which is appropriately installed. Replacement of walls and ceilings is considered High Risk Deleading.

H&S <u>Recommends</u> the following actions for 917 East Main Street:

- 1) All Accessible/Mouthable Surfaces be either be replaced (Moderate Risk) or covered using an encapsulating paint (Low Risk)
- 2) All Moveable/Impactable Surfaces (i.e. windows) be replaced (Moderate Risk) or the coating removed (High Risk)
- 3) All Loose Surfaces be made intact (Moderate Risk) or be replaced (Moderate Risk)

#### Rough Order of Magnitude (ROM) Cost Estimate

The Rough Order of Magnitude Costs for the deleading of the property (including all labor, material, and equipment) associated with this ROM Cost Estimate is as follows:

917 East Main Street (Including Garage)

\$30-\$45/per square foot

#### Executive Summary for 920 East Main Street (West Chop #2)

#### Site Location and Description

The Site (920 East Main Street) is comprised of a wood framed house and a garage. The house is two floors with a full basement and is approximately 1,800 square foot. The basement is a combination of field stone and brick. The roof is a pitched wood framed structure and covered with three-tab asphalt roof shingles. Interior walls and ceilings are combination plaster and drywall. The wood subfloors are covered with a combination of hardwood and resilient floor sheeting and vinyl-composite floor tiles. Windows are wood-cased, double hung units. Heat is provided by an oil fired furnace in the basement and is delivered to the individual spaces by room radiators. The house at 920 Main Street is currently occupied and has two (2) children under the age of 6.

#### Findings and Results

The XRF testing was performed to evaluate the lead content on painted surfaces for interior and exterior surfaces in housing, and determine the presence of lead hazards as defined by the Massachusetts Lead Law (105 CMR 460.000 – Lead Poisoning Prevention and Control). Surfaces tested included: walls, ceilings, floors, shelving, closet features, window systems, door systems, exterior siding, exterior trim, porch trim and features, garage exterior components, and any other component with a surface coating that was visible and reachable during the inspection.

Lead paint content of components was <u>not consistent</u> or <u>representative</u> from one area to another; this is likely due to previous work that has been performed to the property from over the years of maintenance and updates. The following building components were found to contain dangerous levels of lead (see individual reports for exact results):

- Plaster walls and ceilings
- Baseboards
- Doors, door casings, and door jambs
- Window sills, casings, interior stop edges, aprons, exterior sills, blind stops, and exterior casings.
- Stair risers, treads, stringers, floor edges, and floor casings
- Shelves and shelf supports
- Garage exterior components

Less commonly found to contain lead, but still having at least some locations which are considered to have dangerous amounts of lead are:

- Door thresholds and kickplates
- Exterior Cornerboards
- Porch columns

In addition to these components containing dangerous levels of lead, many of these components present one or more lead hazards as defined by 105 CMR 460.000. These hazards are either:

- accessible/mouthable surfaces
- moveable/impact surfaces, and/or
- loose/chipping/peeling/deteriorated paint.

Anyone who performs work to correct lead hazards must be authorized and licensed according to 105 CMR 460.00 – Lead Poisoning Prevention and Control and 454 CMR 22.00 – Deleading and Lead Safe Renovation Regulations.

Additionally, the employer of workers who disturb or remove lead paint must comply with OSHA Standard 29 CFR 1926.62 - Lead. This applies to all construction work, alteration, or repair, including painting, where an employee may be occupationally exposed to lead.

Although the HUD<sup>2</sup> lead paint standard classifies Lead-Based Paint (LBP) as having  $\geq 0.5\%$  of lead by weight as analyzed by Atomic Absorption, for the purposes of renovation and/or demolition work, OSHA defines LCP's as any paint containing detectable amounts of lead. The condition of the lead containing paint listed in Appendix B ranges from good to damage.

The findings of this inspection are included in *Attachment B*.

#### **Recommendations for Deleading In Massachusetts**

A comprehensive lead paint inspection was performed at the Site by a licensed lead paint inspector which included information regarding the lead paint content of every accessible surface by location for that property. In addition, if a dangerous level of lead is detected on a surface (equal to or greater than **1.0 milligrams per square centimeter**) then the inspector will also indicate if any lead hazards are associated with that surface.

The Massachusetts Lead Law requires that a property where a child under six years of age resides be free of any lead hazards. Lead hazards cannot exist inside the living space of the unit, on the exterior of any accessible building on the lot line, or in any common areas if there are any. This can only be determined after a comprehensive lead inspection is performed.

If no lead hazards are found at the time of the initial inspection, a Letter of Full Initial Lead Inspection Compliance may be issued for the property. If lead hazards are found, then all lead hazards must be deleaded in order to make the property lead-safe.

<sup>&</sup>lt;sup>2</sup> U.S. Department of Housing and Urban Development

Lead Hazards fall into one of three categories in Massachusetts:

- Accessible/Mouthable (A/M) A surface that is 5 feet or less from the floor, ground, or stair tread that protrudes more a ½ inch or more, or forms an outside corner. All metal surfaces are not considered A/M except for handrails, railing caps, and window sills.
- Moveable/Impact (M/I) A frictional piece in a window system in which that window system has a sill located 5 feet or less from the floor, ground, or stair tread. Also storm window frames must be removed if there is lead paint on the exterior window sill or blind stop so lead chips will not build up inside.
- Loose (L) A surface that is loose, chipping, peeling, flaking, damaged, or otherwise deteriorated.

Therefore a typical lead abatement job will require that all moveable/impact parts of windows be completely abated, all accessible/mouthable surfaces are abated to a minimum height of 5 feet, and all other remaining loose lead paint is stabilized and made intact. All work performed for these purposes MUST be performed by a licensed or authorized person.

Authorization of workers in Massachusetts is broken into three categories determined by the risk of the lead abatement task. Authorization comes from either the Childhood Lead Poisoning Prevention Program (CLPPP) or the Department of Labor Standards (DLS). These are described in *Table 1*.

	nuseus Deleaunig Authorization	
Low Risk	Moderate Risk	High Risk
Reserved for owners and their	Two ways of authorization.	Deleading Contractors,
agents.		Deleading Supervisors, and
	For owners and their agents,	Deleading Workers.
Low risk deleading requires	they may take a one day	
the person to read two	approved by CLPPP called	A 3-day course for workers,
informational pamphlets and	Moderate Risk Owner/Agent.	and a 4-day course for
submit two quizzes (located in	CLPPP mails a person who	supervisors/contractors is
the pamphlets) to CLPPP.	completes the course a quiz,	required. Highly regulated by
	which is mailed back to	DLS through strict
	CLPPP upon completion.	enforcement, including blood
		monitoring of employees.
	Contractors may take the one	
	day RRP course followed by a	Requires an annual one day
	4-hour Moderate Risk Option	refresher.
	for Lead-Safe Renovators	
	course which is approved by	
	DLS. Upon course	
	completion DLS/CLPPP will	

 Table 1

 Massachusetts Deleading Authorization Levels

provide	an	authorization	
number.			

An appropriately authorized person may then perform some or all of the lead abatement necessary for the property to gain a Letter of Full Deleading Compliance. Each of the previously described lead hazards has multiple ways of being remediated. *Table 2* describes how each lead be hazard may be deleaded.

Type of Lead Hazard	Deleading Method		
Accessible/Mouthable	<b>Coating Removal (High Risk)</b> – Surface is wet scrapped or stripped to bare substrate to a minimum height of 5 feet. If it is an outside corner, then it is scraped to a minimum of 5 feet high and 4 inches		
	back from all edges. <b>Replacement (Moderate Risk)</b> – Component is removed in a piec		
	by-piece manner and replaced with a new component which is appropriately installed. Replacement of walls and ceilings is considered High Risk Deleading.		
	<b>Encapsulating Paint (Low Risk)</b> – Surface is painted with a specialized paint called an encapsulant. Encapsulants are designed specifically to cover A/M lead painted surfaces. The surface must be in good condition. If marked loose on the inspection report, a Moderate or High Risk Deleader must make the surface intact first. Good for historical preservation.		
	<b>Covering (Low Risk)</b> – Some surfaces may be covered to block access to a surface that is considered A/M. Typically these surfaces are on the outside corners of walls or ceiling/walls, or may be in an uncommon location. Covering may also be used for other reasons as well.		
	<b>Dipping (Various)</b> – A component is removed and taken to an off-site dipping facility to remove all coatings, and then reinstalled by the appropriately authorized person. This is usually done for doors, but can be used for other components if desired.		
Moveable/Impact	<b>Window Replacement (Moderate Risk)</b> - Window system is removed and replaced with a new self-contained system that does not rub on any part of the existing window trim. This is usually done with a vinyl replacement window.		
	<b>Covering</b> (Low Risk) – In some cases where windows have been		

Table 2 Deleading Methods

	previously partially modernized, covering of specific surfaces may be enough to remove any lead hazards from the window. In this situation, only the exterior sill and/or blind stop have lead paint on them. Aluminum sheet metal may be used to cover the exterior sill and blind stop, but must be done so that all edges are caulked and wrap into the storm window frame if there is one.
	<b>Coating Removal (High Risk)</b> – This method is chosen for historical preservation applications. The window sash is typically wet scrapped or dipped off-site if it has lead paint. All putty must be scrapped out of the sash as well. The rest of the window parts should be wet scrapped or stripped to bare substrate. Partial replacement may be used with replica components if necessary or desired.
Loose	Make Intact (High Risk) - Loose paint is flaked and spot-primed in order to stabilize it. Surface cracks and imperfections are repaired using spackle, wood putty, or other appropriate materials. Severely damaged or rotted components may need partial or full replacement.
	<b>Moderate Risk Make Intact (Moderate Risk)</b> – Loose paint is flaked and spot-primed in order to stabilize it. Surface cracks and imperfections are repaired using spackle, wood putty, or other appropriate materials. Severely damaged or rotted components may need partial or full replacement. Moderate Risk Make Intact is limited to 2 sq. ft. per interior room or 10 sq. ft. for the entire exterior. Exceeding this limit becomes High Risk.
	<b>Covering (Low Risk)</b> - Surface is covered with an appropriate material for the application. The component should be completed covered, and the covering be mechanically fastened to the surface by screws, nails, or construction adhesive. All edges and seams should be caulked so no loose paint chips or dust can be released. The surface below does not need to be made intact before being covered. Covering may also be used for other reasons as well.
	<b>Replacement</b> (Moderate Risk) - Component is removed in a piece- by-piece manner and replaced with a new component which is appropriately installed. Replacement of walls and ceilings is considered High Risk Deleading.

H&S <u>Recommends</u> the following actions for 920 East Main Street:

4) All Accessible/Mouthable Surfaces be either be replaced (Moderate Risk) or covered using an encapsulating paint (Low Risk)

- 5) All Moveable/Impactable Surfaces (i.e. windows) be replaced (Moderate Risk) or the coating removed (High Risk)
- 6) All Loose Surfaces be made intact (Moderate Risk) or be replaced (Moderate Risk)

#### Rough Order of Magnitude (ROM) Cost Estimate

The Rough Order of Magnitude Costs for the deleading of the property (including all labor, material, and equipment) associated with this ROM Cost Estimate is as follows:

920 East Main Street

\$45-\$55/per square foot

Please see the attached lead inspection reports/field notes for 917 E. Main Street (Attachment A), 920 East Main Street (Attachment B), Commonwealth of Massachusetts Residential Deleading Advisory (Attachment C), and Commonwealth of Massachusetts Tenant's Rights and Responsibilities (Attachment D) for more detailed information regarding the lead based paint inspections and for Commonwealth of Massachusetts requirements.

H&S appreciates the opportunity to provide our service to the USCG. If you have any questions related to this executive summary, please feel free to contact me at (b)(6) & (b)(7)(C) or (b)(3) & (b)(7)(C).

Sincerely, H&S Environmental Inc. (b)(6) & (b)(7)(C

Gregory T. Birch, PMP<sup>®</sup> Project Manager

<u>Attachment A</u> Lead Inspection Report/Field Notes 917 East Main Street (Including Garage) September 23, 2012

US Coast Guard Air Station Cape Cod Martha's Vineyard Housing West Chop #1 & #2 (917 & 920 Main Street) Vineyard Haven, MA 02568

XRF Lead Paint Narrative

This report presents the results of testing for the presence of lead by X-Ray Fluorescence (XRF) analysis on interior and exterior painted surfaces at the above-referenced location. The lead testing was performed on September 20, 2012, by Mr. David Pesce, Commonwealth of Massachusetts Licensed Lead Inspector (License No. . Mr. Pesce is trained in the proper use and interpretation of results of the XRF Spectrum Analyzer.

The XRF testing was performed to evaluate the lead content on painted surfaces for interior and exterior surfaces in housing, and determine the presence of lead hazards as defined by the Massachusetts Lead Law (105 CMR 460.000 – Lead Poisoning Prevention and Control). Surfaces tested included: walls, ceilings, floors, shelving, closet features, window systems, door systems, exterior siding, exterior trim, porch trim and features, garage exterior components, and any other component with a surface coating that was visible and reachable during the inspection.

Lead paint content of components was not consistent or representative from one area to another; this is likely due to previous work that has been performed to the property from over the years of maintenance and updates. The following building components were commonly found to contain dangerous levels of lead (see individual reports for exact results):

- Plaster walls and ceilings
- Baseboards
- Doors, door casings, and door jambs
- Window sills, casings, interior stop edges, aprons, exterior sills, blind stops, and exterior casings.
- Stair risers, treads, stringers, floor edges, and floor casings
- Shelves and shelf supports
- Garage exterior components

Less commonly found to contain lead, but still having at least some locations which are considered to have dangerous amounts of lead are:

- Door thresholds and kickplates
- Exterior Cornerboards
- Porch columns

In addition to these components containing dangerous levels of lead, many of these components present one or more lead hazards as defined by 105 CMR 460.000. These

hazards are either: Accessible/mouthable surfaces, moveable/impact surfaces, and/or loose/chipping/peeling/deteriorated paint.

Anyone who performs work to correct lead hazards must be authorized and licensed according to 105 CMR 460.00 – Lead Poisoning Prevention and Control and 454 CMR 22.00 – Deleading and Lead Safe Renovation Regulations.

Additionally, the employer of workers who disturb or remove lead paint must comply with OSHA Standard 29 CFR 1926.62 - Lead. This applies to all construction work, alteration, or repair, including painting, where an employee may be occupationally exposed to lead.

#### Limitations

Lead testing was limited to accessible interior and exterior painted surfaces located at 917 & 920 Main Street, Vineyard Haven, Massachusetts. Additional lead-containing building substrates and components may be present in inaccessible building areas or areas not tested.



Master Lead Inspector/Risk Assessor MA Lic # <sup>(D)(6) & (D)(7)(C)</sup>



Location/Component	Substrate	Results (mg/cm <sup>2</sup> )
Room # 1	an an an an ann an an an an an an an an	n ng ang ng n
Baseboards	Wood	22.6
B Door Casing	Wood	2.6
A1 Window Sill	Wood	2.1
A1 Window Casing	Wood	5.1
A1 Exterior Window Sill	Wood	2.2
A1 Blind Stop	Wood	2.1
A2 Window Sill	Wood	2.6
A2 Window Casing	Wood	5.4
A2 Exterior Window Sill	Wood	2.6
A2 Blind Stop	Wood	2.1
D Window Sill	Wood	2.6
D Window Casing	Wood	4.1
D Exterior Window Sill	Wood	1.4
D Blind Stop	Wood	1.6
Room # 2		
Baseboards	Wood	31.8
D1 Door Casing	Wood	4.6
D1 Door Jamb	Wood	7.1
D2 Door Casing	Wood	2.1
D2 Door Jamb	Wood	4.1
B1 Window Sill	Wood	4.1
B1 Window Casing	Wood	4.1
B1 Exterior Window Sill	Wood	1.6
B2 Window Sill	Wood	4.2
B2 Window Casing	Wood	4.0
B2 Exterior Window Sill	Wood	1.7
D1 Closet Door Casing	Wood	7.1
D1 Closet Door Jamb	Wood	7.0

• Dangerous level of lead by XRF is equal to or greater than 1.0 mg/cm<sup>2</sup>

• mg/cm<sup>2</sup> = milligrams of lead per square centimeter of sampled surface area.

• NA = not able to test, assume positive

Location/Component	Substrate	Results (mg/cm <sup>2</sup> )
D1 Closet Walls	Plaster	10.1
D1 Closet Baseboard	Wood	17.4
D1 Closet Shelf	Wood	4.2
D1 Closet Shelf Supports	Wood	12.6
D1 Closet Ceiling	Plaster	NA
Room # 3	- 	
Walls	Plaster	10.4
Ceiling	Plaster	11.3
Baseboards	Wood	18.6
C1 Door Casing	Wood	6.1
C1 Door Jamb	Wood	8.3
C2 Door Casing	Wood	2.1
C2 Door Jamb	Wood	6.3
A1 Window Sill	Wood	4.1
A1 Window Casing	Wood	3.6
A1 Exterior Window Sill	Wood	3.9
A1 Blind Stop	Wood	3.6
A2 Window Sill	Wood	4.1
A2 Window Casing	Wood	4.0
A2 Exterior Window Sill	Wood	4.1
A2 Blind Stop	Wood	4.0
B1 Closet Door Casing	Wood	4.1
B1 Closet Door Jamb	Wood	5.2
B1 Closet Walls	Plaster	16.4
B1 Closet Baseboard	Wood	7.9
B1 Closet Shelf	Wood	8.5
B1 Closet Shelf Supports	Wood	8.1
B1 Closet Ceiling	Plaster	9.6
Room # 4		

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- Dangerous level of lead by XRF is equal to or greater than  $1.0 \text{ mg/cm}^2 \text{ mg/cm}^2 = \text{milligrams}$  of lead per square centimeter of sampled surface area. ٠
- NA = not able to test, assume positive•

Location/Component	Substrate	Results (mg/cm <sup>2</sup> )
Walls	Plaster	7.1
Ceiling	Plaster	7.0
Baseboards	Wood	18.0
C1 Door	Wood	1.2
C1 Door Casing	Wood	4.1
C1 Door Jamb	Wood	2.6
C2 Door	Wood	1.2
C2 Door Casing	Wood	1.9
C2 Door Jamb	Wood	2.6
C2 Door (attic side)	Wood	1.2
C2 Door Jamb (attic side)	Wood	1.9
D Door Casing	Wood	7.1
D Door Jamb	Wood	7.6
B Window Sill	Wood	2.6
B Window Apron	Wood	5.7
B Window Casing	Wood	2.9
B Exterior Window Sill	Wood	1.3
B Blind Stop	Wood	1.6
C1 Closet Door	Wood	18.2
C1 Closet Door Casing	Wood	3.2
C1 Closet Door Jamb	Wood	3.0
C1 Closet Walls	Plaster	10.1
C1 Closet Baseboard	Wood	6.8
C1 Closet Shelf Supports	Wood	2.3
C1 Closet Ceiling	Plaster	7.1
Room # 5		
Walls	Plaster	15.0
Ceiling	Plaster	8.1
Baseboards	Wood	18.1

Dangerous level of lead by XRF is equal to or greater than  $1.0 \text{ mg/cm}^2$  mg/cm<sup>2</sup> = milligrams of lead per square centimeter of sampled surface area. ٠

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NA = not able to test, assume positive•

Location/Component	Substrate	Results (mg/cm <sup>2</sup> )
A Door Casing	Wood	3.1
A Door Jamb	Wood	3.0
B Door Casing	Wood	4.4
B Door Jamb	Wood	3.8
D Window Sill	Wood	3.0
D Window Apron	Wood	3.1
D Window Casing	Wood	5.1
D Exterior Window Sill	Wood	1.8
D Blind Stop	Wood	2.6
A Closet Door Casing	Wood	3.6
A Closet Door Jamb	Wood	3.1
A Closet Walls	Plaster	11.3
A Closet Baseboard	Wood	29.6
A Closet Shelf Supports	Wood	12.6
A Closet Ceiling	Plaster	NA
A Shelf (in room)	Wood	4.2
Kitchen		
Ceiling	Plaster	NA
Baseboards	Wood	15.7
B1 Door Casing	Wood	2.1
B1 Door Jamb	Wood	4.5
B2 Door Casing	Wood	1.6
B2 Door Jamb	Wood	2.4
C1 Door Casing	Wood	3.8
C1 Door Jamb	Wood	3.2
C2 Door Casing	Wood	1.6
C2 Door Jamb	Wood	1.9
C Exterior Window Sill	Wood	4.0
C Blind Stop	Wood	4.1

Dangerous level of lead by XRF is equal to or greater than  $1.0 \text{ mg/cm}^2$ mg/cm<sup>2</sup> = milligrams of lead per square centimeter of sampled surface area. NA = not able to test, assume positive ٠

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Location/Component	Substrate <sup>1</sup>	Results (mg/cm <sup>2</sup> )
Bathroom # 1	• · · · <u>-</u> · · · · · · · · · · · · · · · · · · ·	n in
Baseboards	Wood	15.7
A Door Casing	Wood	2.1
A Door Jamb	Wood	2.0
B Door Casing	Wood	4.0
B Door Jamb	Wood	4.1
C Window Sill	Wood	4.1
C Window Casing	Wood	3.0
C Exterior Window Sill	Wood	2.1
C Blind Stop	Wood	2.3
Hallway # 1	•	
Baseboards	Wood	16.4
A Door Casing	Wood	2.3
A Door Jamb	Wood	2.4
D Door Jamb	Wood	2.9
Hallway # 2		
Walls	Plaster	9.1
Ceiling	Plaster	NA
Baseboards	Wood	7.8
A1 Door Casing	Wood	5.2
A1 Door Jamb	Wood	5.1
A2 Door Casing	Wood	3.6
A2 Door Jamb	Wood	3.8
A2 Closet Door Casing	Wood	3.9
A2 Closet Door Jamb	Wood	4.0
A2 Closet Walls	Plaster	11.1
A2 Closet Baseboard	Wood	14.1
A2 Closet Shelf	Wood	1.1
A2 Closet Shelf Supports	Wood	9.6

• Dangerous level of lead by XRF is equal to or greater than 1.0 mg/cm<sup>2</sup>

• mg/cm<sup>2</sup> = milligrams of lead per square centimeter of sampled surface area.

• NA = not able to test, assume positive

Location/Component	Substrate	Results (mg/cm <sup>2</sup> )
A2 Closet Ceiling	Plaster	11.8
Hallway # 3		
Walls	Plaster	13.0
Ceiling	Plaster	9.3
Baseboards	Wood	6.0
B Door Casing	Wood	2.4
B Door Jamb	Wood	3.0
D Door Casing	Wood	2.6
D Door Jamb	Wood	2.8
A Header	Wood	5.7
Staircase 1 <sup>st</sup> to 2 <sup>nd</sup>		·
Walls	Plaster	6.8
Radiator	Metal	1.1
Baseboards	Wood	19.7
A Door Casing	Wood	4.2
A Door Jamb	Wood	1.9
B Door Casing	Wood	1.9
B Door Jamb	Wood	7.1
D1 Door Casing	Wood	3.1
D2 Door Casing	Wood	2.6
D2 Door Jamb	Wood	2.8
A Window Sill	Wood	3.1
A Window Apron	Wood	3.0
A Window Casing	Wood	3.6
A Exterior Window Sill	Wood	4.5
A Blind Stop	Wood	4.2
Stair Risers	Wood	22.4
Stair Stringer	Wood	22.4
Floor Edge	Wood	24.1

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Dangerous level of lead by XRF is equal to or greater than  $1.0 \text{ mg/cm}^2$  mg/cm<sup>2</sup> = milligrams of lead per square centimeter of sampled surface area. •

NA = not able to test, assume positive٠
Location/Component	Substrate	Results (mg/cm <sup>2</sup> )
Floor Casing	Wood	22.4
A Window Above 5'	Wood	16.2
Staircase 1 <sup>st</sup> to Basement		·
Lower Walls	Wood	17.6
Wood Slats	Wood	14.0
D Door Casing	Wood	3.6
D Door Jamb	Wood	3.6
Screen Window	Wood	4.6
Columns	Wood	17.6
Stair Treads	Wood	18.1
Stair Risers	Wood	18.6
Stair Stringer	Wood	18.6
Floor Edge	Wood	2.6
Basement Area		
Walls	Wood	2.4
D Door (Interior Side)	Wood	18.6
D Door Casing (Interior Side)	Wood	19.0
D Door Jamb (Interior Side)	Wood	19.1
D Door (Exterior Side)	Wood	18.6
D Door Jamb (Exterior Side)	Wood	15.6
B Cabinet	Wood	19.6
Laundry Room	· ·	• • • • • • • • • • • • • • • • • • •
Baseboards	Wood	16.1
C Window Sill	Wood	2.8
C Window Casing	Wood	4.6
C Exterior Window Sill	Wood	1.4
C Blind Stop	Wood	1.3
Front Porch (A-Side Porch)		
Upper Trim	Wood	NA NA

Dangerous level of lead by XRF is equal to or greater than 1.0 mg/cm<sup>2</sup>
mg/cm<sup>2</sup> = milligrams of lead per square centimeter of sampled surface area.

NA = not able to test, assume positive•

Location/Component	Substrate	Results (mg/cm <sup>2</sup> )
Ceiling	Wood	NA
Joists	Wood	NA
A Door Jamb	Wood	2.6
A Door Threshold	Wood	1.6
A Door Kickplate	Wood	1.9
Rear Porch (C-Side Porch)		
Upper Trim	Wood	NA
Ceiling	Wood	NA
Joists	Wood	NA
D Door	Wood	2.5
D Door Casing	Wood	1.2
D Door Jamb	Wood	1.8
D Door Threshold	Wood	1.6
D Door Kickplate	Wood	1.3
C Exterior Window Sill	Wood	1.5
C Exterior Window Casing	Wood	1.4
Support Columns	Wood	3.3
Exterior A-Side	· · · · · · · · ·	
Corner Boards	Wood	1.6
Upper Trim	Wood	NA
Windows Above 5'	Wood	NA
A Exterior Window Sill (x3)	Wood	1.5
A Exterior Window Casing (x3)	Wood	1.6
Exterior B-Side		
Corner Boards	Wood	1.2
Upper Trim	Wood	NA
Windows Above 5'	Wood	NA
B Door	Wood	3.8
B Door Casing	Wood	3.2

• Dangerous level of lead by XRF is equal to or greater than 1.0 mg/cm<sup>2</sup>

• mg/cm<sup>2</sup> = milligrams of lead per square centimeter of sampled surface area.

• NA = not able to test, assume positive

Location/Component	Substrate	Results (mg/cm <sup>2</sup> )
B Door Jamb	Wood	NA
Exterior C-Side		
Upper Trim	Wood	NA
Windows Above 5'	Wood	NA .
Exterior D-Side		·
Upper Trim	Wood	NA
Windows Above 5'	Wood	NA

• Dangerous level of lead by XRF is equal to or greater than 1.0 mg/cm<sup>2</sup>

• mg/cm<sup>2</sup> = milligrams of lead per square centimeter of sampled surface area.

• NA = not able to test, assume positive

# Lead Inspection / Risk Assessment Report

Page \_\_\_\_ OF \_\_\_\_



MASTER LEAD INSPECTOR



ADDRESS:	in St.	pt= Vineyard Haven, MA 02568
INSPECTION HISTOR	Y Inspector Name:Lict Signature	INTERIM CONTROL Risk Assessment Y RA Name:Lie# Uncent Pb. Haraetic? N Signature
Comprehensive Initial Despection 092012 Lead Beards?	$\frac{\text{Inspector Name: David Pesce}_{\text{Lins}}}{\text{Signature}} (b)(6) & (b)(7)(6)$	C Dust Talon for Fall P RA Name:Lio#_Lio#
Comp Instial w/Partial PCAD Land Education	hispector Nams:, Lic# Signature	Visuri Porsion of Reinspection for Interim Control F RA Name:Lip#
Addendari (add-on to Initial Imperion)	Aspscie: NauxLiz#	Duist Takes for Ref.     P     R.A. Namis:
Lead Hazards? Addencames Fall Into (Lost Doct) Y	Înspecies Name:, Lic#,	Visual Parties of S.A. Name:Lic#_Lic#
Valk Through for	Signatura	Dust Taken br Pini Assessment Riting. P F Signature
, EdiConsultation	Signature	- Nik Assessment Recentification
REINSPECTION HISTO	RY Inspector Name: Lic#	Y         R.A. Name:
Visual Perman of P	Signaturs	Dust Taken for RA     P     RA Name:,Lie# Lie#      F     Signature
	Signatura	- POST COMPLIANCE ASSESSMENT DETERMINATIONS
React Reinspection	InspectorName:Lie# Signature	- Leid Banards? Name:Lic#
Puss Taken for Record Reinspectra F	kepactor Name:Lis# Signature	- Acting as PCAD
Visual Portian of Final Reinspection P F	hepestor Kama:, Lie#	Visual Parsids? N Signature
Virual Pornon et Final Reimpection	hapactor Name <u>, 116#</u>	
	Signature, Lice	Desit Taken for P Inspector Name:, Lic#
Dust Taken for Final	NapsetorNamer 15-#	Dust Taken for BCAD Reinspacion P Inspector Name:Lic#
F	Signatura	

ADDRESS:	917 Main St.	Apt= Vineyard Haven, MA 02568
REOCCIPANO	Y CERTIFICATE HISTORY	COMPLIANCE DISTORY (CONTE)
Carrierant		COMPLIANCE HISTORY (CONT.)
Recorder	Inspector Name:Lis#	Certification         Inspector Name:         Lic#           Nationalization         Inspector Name:
Only after	Signature	Signature
High Mod Risk (= rooms rule)		No Werk=No Dast Work=? Dast
Centificate of Reoccupancy	Inspector Name:, Lic#	- Certificate of Rational Inspector Name:, Ling
Only after High Mod Rink (= nooms cale)	Signatura	- Dust wiper and soft paople Signature
Centificate of	Inspector Name; Lic#	Cert/Dirate as
	Signature	Maintained Inspector Name:Lic#
Only sher High Mod Risk (# mars role)		No Work= No Dust
COMPLIANCE	HISTORV	Wack=?Dun
Letter of Full Innal Commission	RARA & VANA	Certificate of Restored internationality
	Inspector Name:,Lic#	Compliance Inspector name:Lioy
No prior bistory" No signs of UD	Signatura	- Dust whei and affi Bespie
Letter of Interim Control	Innactor Name 12-0	OTHER HISTORY: WAIVERS/UD/EPA RRP
	Simaina	CLIPPP Waiver     CLIPPP Waiver     CLIPPP Inam Name: Lin#
Explose in 1 vr.		Attach to Comp Signature
Xecentification of		
	hspactor Name:, Lio#	- CLPPP Waiver CLPPP Inap. Name:, Lio#
Expires 2 yrs from original Interim Coursed	Signature	- Attack to Costp Signature
LetterorFall		
Deleading Compliance	Inspector Name:, Lic#	- <u>Reinspection</u> Inspector Name:Uo#
Dust wipes if No	Signature	- Na LOCIerra P Signature
	· · · ·	
Maintained Committance	hapactor Name:Lic#	UD/DES Visual Inspector Name:Lis#
	Signature	- Juli Signature
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Certificate of		Taken         P         Inspector Name:         Lic#
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Dust when and arth	Signature	UD/DESDart
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		No LOC Issued F Signature
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This page provides general information needed to understand the lead inspection/risk assessment report. However, you should speak with the inspector/risk assessor before you start to do any work on your home.

- SIDE Refers to A, B, C, or D side of the building or room. See the diagram on the cover sheet. The "A" side of the building or room is the side facing the street that gives the property its address (usually, it is the front of the building). Keeping your back to this street, from the "A" side move clockwise to the "B" side on your left, the "C" side opposite you, and the "D" side to the right. Numbering is from left to right.
- LOCATION/ Refers to the building component(s) being tested. Some surfaces may be made up of more than one part. For example, "Baseboard" may refer to four separate pieces of wood (one on each wall), but is still considered one surface.

LEAD

- The actual lead result. Each surface tested must have a result recorded in the "Lead" column.
  - A number shows that the surface was tested with an XRF analyzer. A number (or average number) equal to or greater than 1.0 mg/cm<sup>2</sup> is a dangerous level of lead.
- A "pos" or "neg" shows that the surface was tested with sodium sulfide. "Pos" means that there is a dangerous level of lead.
- "N/A" means that the inspector was not able to test the surface. Unless the owner can get a sample to test, the
  inspector must assume the surface contains lead and require it to be deleaded, if necessary.
- "MET" or "MR" means that a metal surface was not tested and only needs to be intact, even if it is a leaded surface. However, metal handrails, metal window sills, and metal railing caps, need to be deleaded if they test equal to or greater than 1.0 mg/cm<sup>2</sup>, or is marked "N/A."
- For key to abbreviations like "COV", "VB", "VR" or "MR", "NC", "Tile", "DC", see the cover page.
- When a component box is slashed and there are test results above and below the diagonal line, the result on the "bottom" represents results below 5 ft. and the "top" result indicates the test result above 5 ft.

#### TYPE OF HAZARD

- Not all lead paint must be deleaded. This column tells you IF and WHY a surface needs deleading. The deleading
   standards below may not apply for Interim Controls. Speak to your risk assessor for more information.
  - "M/I" circled means that the surface is a moveable/impacted surface and must be deleaded in its entirety.
  - "SF" circled indicates that there is a storm frame present which requires the blind stop and exterior sill be deleaded as interior moveable / impacted surfaces.
  - "A/M" circled means that the surface is "accessible monthable" and must be deleaded to a minimum of five feet high, four inches in from the edge or corner.
  - "L" circled means that the surface is loose and must, at minimum, be made intact.
  - If more than one choice is circled, the rules for deleading may change depending upon what method of deleading you choose. Speak to the inspector for more information.
  - "N/A" means the inspector was unable to determine if the surface was a lead hazard. The person doing the
    deleading must check this surface and follow all the rules for deleading. Speak to the inspector for more
    information.
  - If nothing is circled in the column, then it is likely the surface does not need deleading. Speak to the inspector for more information. Remember, this does not mean the entire surface is lead free, it just does not require deleading in its current condition.
- URG HAZ? This column is only completed during a risk assessment. A risk assessment is an evaluation of a home's suitability for Interim Control. Only a licensed risk assessor can do a risk assessment, not all inspectors are risk assessors. If "Y" is circled, then this surface is considered an "Urgent Lead Hazard" and some type of deleading work is required to qualify for Interim Control.
- IC DATE The date the licensed risk assessor determines the surface meets the standards for Interim Control.
- IC METH The deleading method or structural repair done to qualify the surface for Interim Control. Refer to the deleading codes key on the cover page.
- DELEADThe date that the lead inspector reinspects the surface and finds that it has been successfully brought back into<br/>compliance.
- DELEAD The method used to bring a surface into full compliance. Refer to codes in the Key on the cover page of the PCAD METH

EXCLUDED SURFACES The amount of loose paint on a surface as measured by the lead inspector. "N/A" means that the inspector was not able to measure the loose paint, but has determined it is more than the cut-off for moderate risk making intact.

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	Address of	Prope	rty: 917	Main S	<u>}t.</u>		******	Apt#:	አለልለ	XA	City:	Vineyard Have	in, M/	02568			
ř	(OOM #	<u>.</u>														*	
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AD.	URDOF Diaxor Castlan	2,84	AM L'NIA	Ŷ	·				B	Win Apron	2.00	AND L N/A	¥.				
Yr F	Con Casili		ENHL NA	r 					6	Win Casing	4.0	AN L NA	<u>ې</u>		- <u></u>		1
34	Throchaid	4	RUPEL TOTAL							Header Stop	0.4Q	MA AM L NA	¥.				<u> </u>
10	Diam.		AIM L, NAA							Int Stops	0.03	MI AM L N/A	Y				
no nn	Duor Dese Casies	-/	AMA L INA							Win int Sash	DØ1	MIL AM L N/A	¥ .				
1.5	Door Jamh	$\vdash$	A10.0 C (90%)						МÅ	Exterior Sill	4.5	MO BE L NA	Y .				
-34	Threshold	f	AND L DEM.	v						Man Bead	Cour	MO LNA	¥			<u></u>	<u> </u>
AB	Deer	/	ARA'T N/A	vi					1 *	Dillin Del B	21650 1965 - 1989	MA SP L NA	Y				<u> </u>
сD	Door Casing	1	ARE NUA	÷.		·	·			Mandaue Cill	2.00	NUT & NEA.	r V				
12	Doer Jamb	++	AM L NIA	;¥.				·	R	ISSIN SINGAR		MH AND L NRA	<u> </u>				
34	Threshold	1	AM L N/A	Y	***				Lč.	110.210130 พิเค กิระเทศ		- 1974 L 1974					<b> </b>
A	Closel Goor	e di	AZM L NEA	¥					l n	Mandar Stan		548 1.201 1 KDA	;				
8	Ct Casing	41	(AML N/A	Y					1	Int Stone		AN ANA L'INA	-				1
$(\tilde{a})$	Closet Jamb	5.7	ANL NA	x t		·····			1	Win lat Soch		THE AND L DIA	1				
ŏ	Closet Walls	16.1	AMC)N/A	Y	1				2	Exterior Sil		MA SE I WA	$\frac{1}{\sqrt{2}}$			······	
	CI Baseboard	791	AMÛN/A	Y				**	3	Part Bead	1	MA 1 3465	v				·
1	Closet Pole	3.05	AM'L WA	¥				<u> </u>	4	Blind Stop	+	MA SF 1 NA	Ý				
(2)	Closel Shelf	15	AM L N/A	Y				ſ		Win Ext Sash	/	MA L NZA	¥				
2	CI Supports	8.1	AM L N/A	Y					A.B.	Fireplace	<u></u>	AM L NA	Y				
4	Closet Floor	0:02	AM L NA	Y			1		co	Mantle	1	AM L N/A	Y			•••••	
	Closet Cellina	91	AMDINA	¥			:		AB	Win Akasar A		651 1 112		ł		****	
COMM	ENTSISTRUC	TURAI	DEFECTS	<u>, i</u>	1					Colling Matter	-	MM L N/A	Ţ				
		and the second states	per ven 2. daar 14 <sup>5</sup> - 9 Tafa							∼coull month.6		HAM L NA	1				
								1		×	+	AM L N/A	<u> </u>				
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Dav	id Pesce				(b)(	6) & (	(b)(7)	(C)					09-20-2012			Page	2 or	25
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<u>C N</u> & S	t au téxtaite	ťĦ	Last tos		<u> </u>		1		$\ _{c}$	2	WILLIGHT DE		MAN LAND L NA	- Y				<b> </b>
<u>0</u> # R	LOW TRAILS	K	ASH L N/A	[ Y	<b></b>	ļ		1		ע	Weit Apron	5.7	LAM L NA	¥.			ļ	<u> </u>
âñ	Baseboards	18.0	amQnia	Ÿ			-		C		Win Casing	ζ٩	(AB) L NA	Ŷ				
6 D 6 D	Chair Rail		AM L N/A	Y					D	)	Header Stop	8. 80	MI AM L NA	¥				1
Q.e	Redistor	0.004	AM L N/A	Y			1				Int Stone	0.50	<b>あ</b> ま作 古井木 i れ行ん	v				
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AB	Door	1.1	AMU NA	Ý	· ·		1		3	$\frac{1}{2}$	Part Rood	11.32 17.53						
Ĉo	Door Casino	4.1	AMI NIA	Y			<u> </u>		đ		Clinit Cion	1 2	and L MA			······		
12	Door Jamb	24	TANL NIA	Ŷ					1	`	Win Fri Sach	kstand Statud	the Chick			:		
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ĉ'n	Door Casing	10	LADAL SUA	¥			<u> </u>				WHI ADIDI		AVM L 1924	Ť.				
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cố	Door Casing	hail	CARLE MAL	7 12					5		WHI HII OUSH		MA AVM LINA	Y				
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16	fann Jamh	6	ENT 2 MAR	-v							WINDOW SII		MA ARA L NA	Ŷ				
34	Threshold		AND MA	.e .v.	·						min Aproa.		AIM L NIA	r m				
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	C Racehoani	£	ARA I MIA	v							CARINA QUI		MUL OF LINDA	<u> </u>				<u> </u>
6	Cinest Pais	0.64	AMI MIG	× ×							Call Deap	1	MU L NA	. <u>*</u>			· · · · · · · · · · · · · · · · · · ·	
2	Cinset Shelf		A/01 1 1/4	\$					1		Min Cut Dash		SPACE LINA					
13	CEREPROVIO	5	ROAL MIS			· · · ·			р. 19	ť	Cigrania Diligii		MA L WA					
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I P	ana ann suiteath	- 1 - 1	AND 7. 14154		-				100		en la la construcción de la construcción de la construcción de la construcción de la construcción de la constru La construcción de la construcción d		ARA L N/A	Y				
	Closet Ceiling	771	AMONIA	Y					0.0		Min Above 5	/	ara l nia	Y	-			
COMM	ENTS / STRUC	TURAL	EFECTS	P 1	*	6			1. 11 1. 11		Seiling Molding		AM L NA	Y I				
	11 Alter	بوگ	de of	<u>ب</u> د	D+	wan, '17	V		C:	2	ce ceiting	Ğ.m	AM L N/A	¥				
	CRA	تسكأ فهميا	SPACE						C7	2	ce wave	ům?,	A/M L N/A	Y	1	:		
L			-									1	AM L N/A	Ŷ				
		EXGL	UDED SURF	ACE	S: Surfa	ces liste	d in thes	ie boxes (	an b	)e i	made intact	only b	/ a licensed del	eader	-			
SIDE	LOCATIO	N	MEASURE: LC	XOSE F	PAINT		10	łC	SID	Æ	LOCATIO	N	MEASURE: LO	OSE P	ant		IC	IC
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**Closet Jamb** 

**Closet Walls** 

Cl Basebcard

**Closel Pole** 

Closet Shelf

CI Supports

Closet Floor

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(b)(6) & (b)(7)(C) Inspector (print) Lie Date (b)(6) & (b)(7)(C) **David Pesce** Risk Assessor (print) Lic # Signature Date Address of Property: 917 Main St. አለለስለ Apt 带 City: Vineyard Haven, MA 02568 ROOM # 2 SIDE LOCATION LEAD TYPE OF URG SIDE IC (C DELEAD DELEAD LOCATION/ LEAD TYPE OF SURFACE HAZARD HAZ DATE METH DATE METH SURFACE HAZARD 15,0 (MT) NA Up Walls ٧ A Window Sit AM L N/A 3.0 (M) ñ A 8 Low Walls AM'L NA Y 8 3.1 Win Apron AM L N/A n AB AM L NA Baseboards 12. С Ÿ AND I NAA Win Casino 5.1 AB Ì Chair Rail 6.34 AM L NA Ý Header Slop Mil AM L NA Radiator 0.DŰ AM L NIA ٧ Int Stops 0.00 M Floor: bas ¥ aim l nia ٦ Win Int Sash [A]] ) con Ceiling 8.1 2 AMI L N/A Y Exterior SII (SK 1.3 MA). AIB Door ەن، 10 AM L NA ۴ 3 Part Bead MAR (a) C D Door Casing  $3\lambda$ (A) L NA Y 4 **Blind Stop** 2.6 MÒ άP) 12 Door Jamb 3,0 RAYL NH Y Win Ext Sash MA 0, G¥ 34 Threshold 1 **新新士 新花** Y A Window Sill Ma ĄВ Door AM L NA ¥ 8 Win Apron ₩@ş CD Door Casing 4,4 (ANN L NHA C ¥ Win Casing 12 Deor Jamb 3,8 **(AR) I** NIA Y D Header Stop 树 34 Threshold نور. ت ¥ AM L NA int Stoos MA AΒ Door AM L NA Y Win Int Sash 307 1 Ma CD Door Casing ¥ 2 AM L NA Exterior Sill بعرزك Mŋ SF Door Jamb AM L N/A 3  $\tilde{12}$ 0.00 Y Part Bead 脑 3.4 Threshold AM L NA ¥ 4 Blind Stop Mä SF A B Door AM L N/A ¥ Win Ext Sash 64/8 C D Door Casing AM L NR Ŷ A Window Sil 12 Door Jamp Y am l Na В Win Apron 34 Thieshold Y С AM L NA Win Casing Closet Coor AM L NA Ŷ D Header Stop 201

AM L NIA ¥ AM L NA Y L MA ¥ L NIA ¥. L N/A Ŷ L MA Y AM L NA Y AM LINA Ÿ ark l Na ¥ AM L NA Y A/M L N/A Y AM L NA Ŷ LMA Ŷ L MÁ Y L N/A Ÿ U NA ¥ MA AM L NA ۲ AM L NA ¥ AM L NA Ŷ MA AM L NA  $\dot{\gamma}$ 3.6 **NAL NA** ¥ Int Stops MI AM L NA Ý Э.i AM) NA Y Win Int Sash 1 MI AM L NA ¥ AM DINA 11.5 ¥ 2 Exterior Sill MR SF L N/A Y Rai AM L MA ¥ 3 Part Bead MЛ ¥ L, N/A Ŷ AM L N/A 0.00 4 Blind Stop MI SF L N/A ٧ (ö. 30). AM L N/A ¥ Win Ext Sash MЛ L N/A ¥ 12. 6 AM L'NA ¥ AB Fireplace AM L NA ş≮. AM L NA Y СĎ Mantle 0.30 AM L NA Ŷ 58 NO Close! Ceiling-۲ AM L NA Win Above 5 AM L N/A Y CD. COMMENTS / STRUCTURAL DEFECTS: **Celling Moldin** AM L WA ¥ e. access me AM L NIA ٧ 0.00 Д. SHOP **LINA** LINA Ÿ 4.2 Ð b.ő; AM L N/A Support Ŷ EXCLUDED SURFACES: Surfaces listed in these boxes can be made intact only by a licensed deleader. LOCATION MEASURE: LOOSE PAINT 10 IC. SIDE LOCATION MEASURE: LOOSE PAINT IC. IC. (MORE THAN 288 SO. IN.) DATE METHOD (MORE THAN 288 SO, IN.) DATE METHOD

Dav	id Pesce				(b)	(6) &	(b)(7)(	C)				09- 20- 2012			Page	10 or	25
Insp	ector (print)			Lic #		Sigr	ature					Dale		•	~		
Dav	d Pesce				(b)(6)	6) & (	(b)(7)	(C)									
Pisk	Assessor (prir	n()		Lic#		Sigr	ature					Date					
	Address of	Property	y: 917 N	Aain S	X.			Apt#:	лалл	۸ <b>۸</b> .	City:	Vinevard Have	m. MA	02568			
KI	TCHEN		5													-	
SIDE	LOCATION	LEAD	TYPE OF	URG	IC	iC	DELEAD	DELEAD	SIDE	LOCATION	LEAD	TYPE OF	URG	ic	1C	DELEAD	DELEAD
	SURFACE		HAZARD	HAZI	DATE	METH	DATE	METH		SURFACE		HAZARD	HAZ?	DATE	METH	DATE	METH
4 B	US ₩als	600	AM L N/A	Y			1		A	Window Sill	6.00	NO AM I NA	Y			İ	
AB	l mu Vikilla	1	ARE NO	,					R	Mile Zarai		1941 - 1944 - 19675 1941 - 1944 - 19675				ļ	
C D A B	Lard Trans	K	Paras E. Takes	-			<u> </u>			YKOL PULIUM	221	And L RAA	1			-	
<u>c o</u>	Basaboards	10.7	AM L NA	Ϋ́					ାତ	Win Casing	nar	AM L NA	Y				
<u>c e</u>	Chair Rail		am l nya	γ			<u> </u>		D	Header Stop	600	MA AM L NA	Ŷ				
CD	Rediator	0.0	AM L NA	Y						Int Stops	hai	MI AM L NA	¥				
	Floor	Cou	AM L NA	Y		İ			1	Win Int Sash	87	MI AM L NA	Ŷ				
	Celling	NA	AM L NA	Y			1		2	Exterior Sill	4.0	WIL SE L NA	Y			1	
AB	Deer		AM L NA	¥					3	Part Boad	Cuv	MA LNA	Y			İ	
cŏ	Door Casing	2.1	AM L NA	Y			1 · · ·	· · ·	4	Blind Stop	4.1	GUIL OF L NVA	Ŷ			t	
@2	Door Jamib	45	NO L NA	Y						Win Ext Sash	0.00	MPL L NIA	Y				
34	Threshold	000	AM L NA	Y					A	Window Sill	600	HAN AM L NA	Ϋ́				Í
AB)	Door	0.63	AVM L. NIA	Y			İ i		В	Win Apron		A/M L N/A	Y			<u>†</u>	
cp	Door Casing	1.6	(CIN L NIA	Ŷ			1		C	Win Casing	203	AM L N/A	Y				1
10	Door Jamb	2,4	ANU L NUA	Y			1		(d)	Header Stop.	0.00	MI AM L NA	Y				
34	Threshold	0.44	a/m L N/a	¥.					$\sim$	Int Stops	0.35	MI AM L NIA	Y				
AB	Door	3.48	am l nia	Y					1	Win Int Sash	0.40	MI AM L NA	Y				
Çρ	Door Casing	3.3	(AM L N/A	Ŷ			1		2	Exterior Sil	0.05	MI SF L WA	Y				
ີ ນີ2	Door Jarab	3,2	ANA L NA	Ý					3	Part Bead	CON	MÍ LNA	Y				[
r* 3,4	Threshold	\$\$.w}	AAH L NIA	۲					4	Blind Stop	Ö.00	MI SE L'NA	Y		, ,		1
AB	Door		am l na	Ŷ						Win Ext Sash	0.00	MA LAYA	Y			1	
QD	Coor Casing	1,4	WILL NA	Y					ØB	Up Cab Frame	Q.di	AM L NA	Y			İ	1
12	Door Jamb	1,9	(AM) L NIA	Ŷ					CO	Up Cab Door	64. Ja	AM L NIA	Y			1	
3.4	Threshold	0.05	ARA L. NJA	Y						Up Cab Walls	2,000	AM L N/A	Y			[	
A	Closet Door		AMIL N/A	Ŷ					12	Up Cab Shivs	0,00	A/M L N/A	Y		:	İ	
В	CI Casing		am l nia	Υ					34	Supports		A/M L N/A	Ý				
G	Closet Janéi		AM L NIA	۲						Low Cab Fram	2.00	AM L'NIA	Y				
D	Closet Walls		am î nia	<u> </u> ¥					ЮB	Low Cab Deor	69.03	AM L NA	Y				
	C! Haseboard		AM L NA	-4					¢0	Low Cab Walls	5,30	AM L NIA	Y				
	Closel Pole		am l na	Y						Low Cab Shivs	6.45	A/M L N/A	Y.				
2	Closet Shelf		AM L N/A	Y			ļ		12	Supports	-	AM E NA	Y				
3	CI Supports		ANA L NIA	Ŷ					3.4	Drawers	ي ني ف	AND LINA	Y				
4	Closel Floor	1	AM L N/A	Y					AB CD	Win Above 5"		MI AM L'NIA	Ŷ				
	Closel Ceiling		AM L. NIA	Ŷ							1	MI AM L NA	Y				
COMN	IENTS / STRUC	STURAL	DEFECTS:								1	MAI AM L NA	Y				
											17	MH AM L NA	¥.				
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		EXCL	UDED SURF	ACE	S: Surfa	ices liste	ed in the	se boxes (	an be	made intact	only b	y a licensed de	leade	ŕ.			
SIDE	LOCATIO	N	MEASURE LO	DOSE	PAINT		1C	IC	SIDE	LOCATIO	N	MEASURE LI	OOSEI	PAINT		)IC	IC.
<u> </u>			(MORE THAN	288 SK	2. IN)		DATE	METHOD				(MORE THAN	288 \$4	2, IN.)		DATE	NETHOD
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insk B	Assessor (pri Address of ATHROOM #	int) Prope #1	orty: 917 I	Lie# Main S	St.	Sigr	nature	Apt #:	<u>አለ</u> ፉን	мл	City:	Date Vineyard Have	en, MA	\ 02568				
SIDE		LEAD	TYPE OF	URG	IC ·	IC	DELEAD	DELEAD	SIDE	LOCATION	LEAD	TYPE OF	URG	ł¢	IC	DELEAT	DELEAD	
AB	SURFASE	+	nHanne)	MAZY	URIE	MEIM	DAIE	MEIH		SURFACE	<u> </u>	HAZARD	HAZ?	DATE	METH	DATE	METH	
<u>c o</u>	Up Walls	0.00	AM L NIA	Y			<u> </u>		i.	Low Cab Fram		AM L NA	Y					
<u>c n</u>	Low Walls		.AM L NIA	Y					AB	Low Cab Door		AM L NA	Ϋ́					
A B C D	Baseboards	3.3	AM L NA	Y					CD	Low Cab Walls		AM L NA	¥			1		
A B C D	Chair Rail		AMLNA	Y						Low Cab Shivs	$\square$	AM L NA	¥			1	1	
48 CD	Radiator		AMIL N/A	¥.					12	Supports	1	AM L NA	¥.					
	Floor	TILL	. AMILINIA	Y.					34	Draweis	1	AM L NA	Ŷ					
	Ceiling	تىنىق	AM L NA	Y					A	Window Sil	211	MÀ EMILNA	Ϋ́					
AВ	Door	3,00	AM L NA	Ŷ					В	Win Aproa	343	AM L NA	Y					
ĈD	Door Casing	K.1	(ANIL NA	۲Y.					0	Win Casing	3,0	ØN L NA	¥:					
12	Oper Jamb	2.0	AM L NA	Y					D	Header Stop	ð.44	MA AM LINA	Y				T	
34	Threshold	rico	AM L NA	Y						Int Stops	Q.+1 .	MI AM L NA	¥٩					
AVE	Door	$\leq$	AM L N/A	Y					1	Win Int Sash	0.20	MA AM LINA	Ϋ́			ļ		
CD	Door Casing	<u>4.0</u>	EN L NA	Y					2	Exterior Sil	2,1	🕼 (SF L NA	Y					
23	Coor Jamb	Γų.	<u>OMLNA</u>	Y Y			ļ		3	Part Bead	Cev	MA LINVA	Y					
24	LOUESADIO	10.00	ANAL NIA	· ¥					4	Blind Stop	2.3	M (SB L NA	Ϋ́			ļ		
	Closes Door	$\vdash$	AVM L NUA	¥.					AB	Win Ekt Sash	0.00	MAI LINA	Y					
ې ح	Classed tomati			r		<b>4-4-</b>			CO AB	Win Above 5'		MI AM L NA	Ŷ					
n	Closed Molle	-	AURI 1. 1995	<u>ع</u> . بر					CD AB	Geiling Molding		MA AM L NA	Ŷ					
	CI Baceboard		5 84 1 M/A	· v					65 48	MEDICINE Cab		MU AM L NA	<u> </u>		:		-	
1	Closet Pole		AMEL NA	Y					CO A	Wall OVC		MA AM L NA	Ŷ		:			
2	Closet Shelf		AM L MA	Υ					11	garb ore	2.32	Ma Am 1 NA	Y					
3	CI Supports	1	AM L NA	Y		•					1	MI AM L NA	Y					
4	Cicsel Floor	1	AMIL NA	Ŷ					1			MA AM L NA	Ÿ		·····			
	Closet Ceiling	/	am l n/a	Y								MA AM L NA	Y					
AB	Up Cab Frame	1	am l nia	Y					1			MI AM L NA	Ŷ					
CD	Up Cab Door		AM L NIA	Y			-	· ·				MA AM L NA	Ϋ́					
	Up Cab Walls	1	AM L N/A	Y								MI AM L NA	Υ					
12	Up Cab Shivs	4	AM L N/A	Y								MA AM L NA	Ŷ					
34	Supports	<i>(</i>	ANI L NKA	Y								MALAMI L NA	Y					
	. 8		M/I A/M L N/A	Y								MI AM L NA	¥					
		+	MAI AMA LI NAA	¥								MA AM L NA	Y					
			MAI AVAL NA	ΥL								MA AM L NA	Y					
Jones	ilin fət yerde	EV		ACE	S. C	Van Tinta	d in these		COM	MENTS / STRUC	TURAL	OEFECTS:			-			
sinal		17.12 1	HEADINES /	NOE'	S. OUIIA	ato 11516	u in uieș	C DOXES C	an De	made intact	oniy o	y a licensed del	eader	a Marian				
ng Katha	#78294.073.995g		(MORE THAN	288 SC	narti ), INJ		DATE	METHOD	SIVE	LUÇATIO	19	MEASURE: LO	IUSE P	AINT				
								CONTRACT.	┢──		÷	(856461); 3139/14. 	490 OG	i.'nx'î	:	DATE	-96 HOD	

Davi	d Pesce				(b)(6	) & (	b)(7)	(C)				09- 20- 2012			Page	12 or	25
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	Address of l	Proper	ty: 917 h	Main S	SL.			Apt #	лаал		City:	Vineyard Have	n, M/	4 02568			
84	ATHROOM #	Z							·								
SIDE	LOCATION	LEAD	TYPE OF	URG	1C	IC	DELEAD	DELEAD	SIDE	LOCATION	LEAD	TYPE OF	URG	IG ·	IC	DELEAD	DELEAD
	SURFACE		HAZARD	HAZ?	DATE	METH	DATE	METH	L	SURFACE		HAZARD	HAZ?	DATE	METH	DATE	MÊTH
A 8 0 10	Up Walls	ರ್ಧ್ರಿ	AM L N/A	Y						Low Cab Fram	Size	AMA L N/A	¥				
AP	Low Walls	6 and	ART L N/A	Y	·				AG	Low Cab Door	Ø.35	AM L NA	Ŷ				
A B	na abaaida	Ans	A 36.5 5 3.65A							المتعد الاستان الارسالية	Q.9.	A.74.8 2 8.97A					
<u>ë B</u> A B	Daseucarca		AGW L IWA				<u> </u>		Lu	LOW LOD VIEID		ABRI L HIM	<u> </u>				
<u>c a</u>	Chair Rail		am l, n/a	Ý						Low Gab Silvs	29,90	AM L NA	Y				
á	Radiator	227	AM L N/A	Ŷ					12	Supports		A/M L N/A	Y.				
	Floor	604	am l na	Y					34	Drawers	002	A/M L N/A	Y				
	Ceiling	0,05	AM L NIA	۲					A	Window Sill	ిష్టు	MA AM LN/A	¥				
ΔB	Deer	ŭ∽t	AM L N/A	Y					В	Win Ápron	Q.44	AM L N/A	Y.				
CD	Door Casing	ચ <sub>્ચેછ</sub>	AM L NA	Y					19	Wir: Casing	2.93	A/M L N/A	Y				
12	Door Jamb	3.44	am l n/a	Y					D	Header Stop	ê <sub>0</sub>	MA A/M L N/A	Y		L		
34	Threshold	ouz.	AM L N/A	Y						Int Stops	\$2L	MI AM L'NIA	Y		}		
AB	Door		am l n/a	Ŷ					1	Win Int Sash	0.00	MA AM L NIA	Y				
CD	Door Casing		AM L NA	Y.		: is it was a set of the set			2	Exterior Sill	2. Baji	MI SF LINIA	Y	ļ	ļ	[	
12	Door Jamb	1	AM L NA	Ý			L		3	Part Bead	COV	M/I L NIA	Y	ļ			
34	Threshold		AM L NA	Y					4	Blind Stop	9,92	MA SF LNK	ĮΥ.				
A	Closet Door	_/	AM L N/A	¥.						Win Ext Sash	\$Ö9	MA LINJA	¥	L			
B	Ci Casing		AM L NA	Y					AB CD	Win Above 5'		IMI AMI LINA	Υ.				
	Clocal tainh		6941 M/A				1		AB	Chilling Meltin		MA ARE I NA	ι γ				
Ĭ	Ologici, otteraz		PRIME M. LINER	<u>'</u>	<u> </u>		<b>†</b>		100 A8	Control Resident	1/	par can s itri	1	l T	1		
D	Closet Walls		ang l. Nja	Y			<u> </u>		cň	Medicine Cab	تد تا	MU AM L NA	Y				
	Cl Baseboerd		AM L NA	Y					88 60	Wall C/C		MI AM L NA	Y				
1	Closel Pole		AM L NA	Y			İ				1	MI AM L NA	Y		[		
2	Closet Shelf		am í. Na	Y							17	MI AM L NA	Ŷ		ľ		
3	CI Supports	1	A/M L N/A	Y				:				MI AM L NA	¥				
4	Closet Floor		am l Na	¥								MI AM L NA	Y				
	Closet Ceiing		AM L NA	¥								MI AM L NA	Y				
AB	Up Cab Frame	/	AM L NA	Y								MA AM L NA	Y				
CD	Up Cab Door	1	AM L NA	Y								MI AM L'NA	Y	1	Į		
	Up Cab Walls		A/M L N/A	Y			<b>[</b>					Mi Am L NA	¥.			L	
12	Up Cab Shiva		AM L NA	8	ļ		<u></u>	: 			ЦĹ	MI AM L NA	Y.	<u> </u>	<u> </u>	Į	L
3.4	Supports		AM L NIA	Y			ļ		1		ļļ	MI AM L NA	Y	<u> </u>		<b>_</b>	1
			MA AM L NA	Ý	ļ		<u> </u>				11	MI AM L NA	Y	Į	ļ	ļ	
1		$\mathcal{A}$	MA AM L NA	8							μ_	MA AM L NA	¥	<b>ļ</b>	ļ	<u> </u>	<u> </u>
		/	MI AM L NA	ĮΥ	<u>l</u>			I		L	V	I MA AM L NA	Y	1		<u> </u>	
COM	Ments/stru	STURAL	DEFECTS						COH	MENTS/STRU	CTURA	L DEFECTS:					
L		EXC	LUDED SUR	FACE	S: Surfa	ices list	ed in the	se boxes	can be	made intect	only	by a licensed de	leade	¥r.			
( inclusion	Louis	N	MEASURE: L	OOSE	PAINT		IC	10	SIDE	LOCATIO	311	MEASURE: L	OOSE	PAINT		iC	IC
1SIDE	LOCAIL		address of the local sectors and		a provinsi											-	
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ALC: NO.	nspe	ector (print)			Lio#	(1-)/0	Sigr						Ďale					
1	Davi	id Pesce				(b)(b	) & (	<u>(b)(1</u>	)(C)									
1	isk i	Assessor (prir	nt)		Lic#		Sign	ature					Date		•			
`. `	· • ·····	Address of	Proper	<u>iy: 917  </u>	Main S	<u>N</u>			Apt #:	አለለ	λ^ <u>Α</u>	City:	Vineyard Have	n, M#	02568		-	
-	ł	IALLWAY	-14 \	L			·····						<u> </u>					
ľ	SIDE	LOCATION	LEAD	TYPE OF	URG	1Ç	ы К	DELEAD	DELEAD	SID	ELOCATION	LEAD	TYPEOF	URG	IÇ.	iC	DELEAD	DELEAD
Ļ		SURFACE	<u>   </u>	HAZARD	HAZ?	DATE	METH	DATE	METH	L	SURFACE		HAZARD	HAZ?	DATE	METH	DATE	METH
L	6.0	Up Walls	0,8-3	am l. N/a	Y		ļ	<u> </u>		Á	Cibsel Door	1	AM L N/A	¥				
L	6 D	Low Walls	_	am l nia	¥.					В	CI Casing		A/M L N/A	Y				
	6 8 C 0	Baseboards	16,4	AAN L. NIA	Y.					C	Gloset Jamb		AM L NA	Ŷ				
L	8 5 5 D	Chair Rail		AM L NIA	.¥					D	Close! Walls		.A/M L N/A	Y				
	АВ С0	Radistor		AM L N/A	Υ·						CI Baseboard		AM L NA	Y				
Π	1	Filoar	ma	ARH L. N/A.	Y					1	Closet Pole	$\mathbf{T}$	AM L NA	¥.			1	
	<u>.</u>	Ceiling	Ø 26	am l Na	Y					2	Closel Shelf		AM L NA	Y			Í	1
6	βB	Door		AM L N/A	Y					- 3	CI Supports	17	A/M L N/A	Υ.			<u> </u>	1
	C D	Coor Clising	23	RÌÙ L NIA	Y			·		4	Closet Floor	17	AM L NIA	Y				[
	12	Osor Jamb	2,4	🥳 l n/a	Y						<b>Closet Ceiling</b>	1	A/M L N/A	¥.				Ì
Ŀ	34	Threshold	0,01	am l n/a	Y					A	Window Sill	7	MH AM L NA	¥.			1	
- [7	٨B	Doof	Q.43	am l nia	Ÿ					B	Win Apron	11	A/M L N/A	Y.			1	
ł	O	Door Casing	3.24	am l na	Y					C	Win Casing		AM L N/A	Ϋ́.				
ľ	12	Door Jamb	29	<b>WICHA</b>	Ŷ					D	Header Stop		MA AM ENVA	$\mathbf{A}_{\mathbf{z}}$				
Ŀ	3.4	Threshold	9.20	AM L NRA	Y						Int Slops		M/I A/M L N/A	Y				
1	46	Dear	$\square \square$	AM L NIA	Y					1	Win Ini Sash		MA AM L NA	¥				
K	D	Door Casing	$\square$	AM L NA	Y					2	Exterior Sil		MA SF LNA	Y				
۲.	12	Door Jamb		am l na	Y					3	Part Bead		M/L N/A	Y.				
Ĩ,	34	Threshold	1/ 1	am l Na	Ŷ					4	Blind Stop		MA SF L NA	Y				
ľ	18	Door	ĻД	AM L NA	Y				·····		Win Ext Sash	1	MA LINA	Y I				
ľ	; DI	Door Casing	4	AM L NA	Ŷ					A	Window Stl	-/	MA AM L NIA	Y				
		Door Janth	<b> </b> /	AML NA	Y.					8	Win Apron	4	A/M L N/A	¥				
H	24	(ntesnord	<u> </u>	avia l. Nva	Ŷ					C.	Win Casing	<u>    </u>	A/M L N/A	Y				
1		Door	-4	ANS L NA	Ŷ.		••••••••	·		U D	Header Stop		MALAM L NA	Y.			Į	ļ
	-0	LICOT GESING	+	AWL WA	Υ 					١.	Int Slops		MA AM L NA	Y				
7		Thrashold	f	ABL NRA				. <u></u>			WIT IN SASH		MI AM L NA	<u> </u>				<b></b>
H	7.	Claud Claur		PERMI L. PROM	-1 					4	CARDINA SUI		BUIST LN/A	Y				ļ
		Ci Casino	++	AGET 3 NUM	×					10	Pat beau	1/	INVI L NIA	Y S				ļ
	č	Cinsel Jamb		MM-1 MM-1	×.					17	Min Sign	¥—	MU OF LINUA.	1				
	, I	Pie un bidietie		* 16.7 5 K174	÷			·		<b>A</b> 3	THE CALLER !! *		6481. C. 39874					·····
in the second second second second second second second second second second second second second second second	"	V4/501 V1245		PV81 L. (316-	3					CD AB	Win Above 5"	4	IN/I AM L N/A	Ŷ				
		Cites est Duria		AM L N/A	Y					<u>co</u>	Ceiling Molding		MA AM LINA	Ŷ				
	-	Geserrole Glassic Pole		AML NR	3.					6	Singport	0.49	M/I A/M L N/A	y j				L
	2	CI Streameda	+	AM L NA	1					CON	WENTS / STRU	DTURA	DEFECTS:					
		Chinese Element		20111 L 192A				i										
	-	Closel Colline	$\not\vdash$	ANN L NIA ANA I NIA	T V													
L	1	المانيسينية بخلف	EXC	LUDED SURF	ACF	S: Suria	ces liste	d in the	se boxes	L	e made interf	only h	v a licensed de	aada	r	· · · · · · · · · · · · · · · · · · ·		
s	IDE	LOCATIO	NT	MEASURE	OOSE I	AINT		IC	IC IC	SID	LOCATIO	112	MEASIDE	nee	XANT		In	ir.
		an in Arresto		(MORE THAN	288 50	Q. (N.)		DATE	METHOD	1			MORE THAN	288.50	SIN1		DATE	METHOD
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Dieb	U F 5355	,FL		i in it		Cinr	(afura	(-)				Data					
	ing waadeen To soonbb	iy Dronor	4u- 0175	uo # šein S	24	aigi	1010415	ant #	<b>888</b> 8	M	Citor	Vinovant Have	n MA	02568			
·	ALLWAY	34 2	iy, ann	(BCHF) Z	<b>ا</b> لم			rya.a.			Only.	silleyeld Have	141 341.	102000			
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A 81	- ADIAL HOL		A	1 25 644.4	DUDIE	1256				SOUND STORE		encone/	11646-1	m6.91 FF	1971aur - 1 1.	UPTITE .	1916-01111
<u>0.0</u>	<del>Up </del> Walls	R.1	AN L NA	Y					A	Closet Door	l-f-	AM L N/A	Y				
с р.	Low Walls		aim l' Nia	Ŷ					В	CI Casing		AM L NA	Y				
AB	Baseboards	78	(AM) L NIA	Y					С	Closet Jamb		AM L NA	Y				
AB	Chair Rail	$\nabla$	A/M L N/A	Y					D	Closet Walts	$\square$	AM L N/A	Y				
AB		F-7					1				++					-	
6.0	Radiator		AM L NA	L Y						Cl Easeboard		-A/M L N/A	¥.				
	Floor	Cov A	A/M L N/A	Y		ļ	1			Closel Pole		A/M L N/A	¥.				
	Ceiling	P#F-	a/m l. Nia	Γ <u>Υ</u>			ļ		2	Closet Shell	11-	AM L NA	¥.				
Ô	Door	0.04	AM L NIA	Y			ļ		3	CI Supports	μ.	AM L N/A	¥.				
RD	Door Casing	5.2	AUST NA	Y	ļ			L	4	Closet Floor	¥	AM L N/A	Ŷ				
12	Door Jamb	54	WOL NA	Y			ļ			<b>Closet Ceiling</b>	<u> </u>	A/M L NPA	Ŷ				
34	Threshold	0.54	Ami. Na	Y					A	Window Sill	1/	MA AM L NA	Ŷ				
(A)B	Daor	0.01	AM L NA	Y		ļ	1		В	Win Apron		AM L NA	¥				
CD	Door Casing	3.6	AM) L N/A	<u>.</u> Y		ļ			C	Win Casing		A/M. L. N/A	¥.				
1(2)	Door Jamb	3,2	(AM) L NIA	Ŷ		L			D	Header Stop		FAM AM L NGA	Y				
34	Threshold		ann í, nia	Y		l				Int Stops		MAI AM L'NA	Ŷ				
AB	Door		AMIL NA	γ					1	Win Int Sash		MA AM LNA	¥			İ	
C D	Door Casing		AM L NA	Y					2	Exterior Sill		MA SF L NA	¥				
12	Door Jamb	/	am l Nia	Y.	-				3	Part Bead	1	M/ L.N/A	¥				
1 34	Threshold	1	/ AMH L NIA	Y					4	Bland Stop	1	MA SF LINKA	Y				
AB	Door		am l Na	Y						Win Ext Sash	1	MA C. NA	Y				
CD	Door Casing		am l nia	Ŷ					A	Window Sill		MA AM LINA	Y				
1.2	Door Jemb	1	AM L N/A	Y					B	Win Apron	11	AM L NBA	Y				
34	Threshold	/	AM L MA	Ÿ.					C	Win Casing		AMIL N/A	Y				
AΒ	Door	1	A/M L N/A	Ŷ					D	Header Stop		MA AM L NA	Ŷ				
CD	Door Casing	1	am l na	٠Y						Int Stops		MA AM L NA	Y				
#	Door Jamb	1	ANN L NVA	Y					1	Win Int Sash		MA AM L NA	Y.				
	Threshold	Y	am l nia	Ϋ́					2	Exterior SIII		WI SF L NIA	Ŷ		[	Ī	
Ø	Closet Door	0,to	AM L NA	Ϋ́			·		3	Part Bead		MA LNA	Y				
8	CI Casiog	3.9	AM L NA	Ŷ	[			1	4	Blind Stop	17	MA SE LINIÁ	Y				
С	Closet Jamb	4.0	GOM L NVA	Y						Win Ext Sash	1	MA LINZA	Y				
۵	Closef Walls	u.t	am l nia	Y					84 69	Win Aboye 5'		MA AM LINA	Ϋ́				
	Cl Baseboard	141	, AM . NA	¥					60 20	Ceiling Moldin		MA AM LNA	Y				
1	Closet Pole		ÂM L NA	Υ.							1	MAP AM L N/A	Y				
(2)	Closet Shell	Ĭ× <b>i</b>	(AD) QINA	Y					COM	MENTS/STRU	CTURA	L DEFECTS:					
3	CI Supports	96	(A)(UNIA	Ϋ́													
4	Closel Floor	Cov	AM L N/A	Y		1		l .									
	Closet Celling	11.2	AM L NIA	Y	1												
		EX	CLUDED SUR	FACE	S: Surf:	aces list	ed in the	se boxes	çan bi	made intac	l only	by a licensed de	leade	er.			
SIDE	LOCATIO	2N	MEASURE: L	OOSE	PAINT		łC	IC	SIDE	LOCATI	ON	MEASURE: L	OOSE	PAINT		IC	ю
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Risk	Assessor (pri	nť)		Lic #		Sign	ature					Date					
-	Address of	Propert	y: 917 M	Nain S	SL.			Apt #:	ለለሌሉ	5A	City:	Vineyard Have	n, MA	02558		r	
•	<u>) Hac</u>	Lua	<u>+ * 3</u>														
SIDE	LOCATION	LEAD	TYPE OF	URG	iÇ	IC ·	DELEAD	DELEAD	810E	LOCATION/	LEAD	TYPE OF	URG	31	1C	DELEAD	DELEAS
	SURFACE		HAZARD	HAZ?	DATE	METH	DATE	METH		SURFACE		HAZARD	HAZ?	DATE	METH	DATE	METH
8 8 0 8	Up Walls	13.N	QM L N/A	Y					A	Window Sill	$  \mathcal{A}  $	mi am l'Nia	Y			ļ	
ан С. 6-	Low Walls		am l N/A	Y					8	Win Apron		AAA L NAA	Y				
8 8 C 0	Baseboards	6.0	ABAL N/A	Y					C	Win Casing		AM L NA	Y				
8 9 8 0	Chair Reil		AMIL NA	Y					D	Header Stop		MA AM LINA	Ÿ				
э cn	Radiator		AM L NA	Ϋ́						Int Stops		MA AM LINA	Y				
	Floor	Cey	am l n/a	Y	,				1	Win Int Sash		ma ana linia	Ϋ́				
14	Celling	9.3	am L nia	Y					2	Exterior SII		MA SF LINA	Y				
٨B	Door	0,00	AM L NA	Y					3	Part Bead		HAN LNA	×				
CD	Door Casing	2.4	(Agi L N/A	¥					-4	Blind Stop	Ļ	MA SF LINIA	Y			ļ	
12	Door Jamb	3,0	OH L NA	Y						Win Ext Sash	1	NAI LNA	¥				
34	Threshold	0.40	AM L NIA	Y					A	Window Sil	$\lfloor /$	MA AM LINA	¥.				
AB	Doer	5620	AM L N/A	Y					В.	Win Apron		am l Nia	¥				
QD	Door Casing	501	AM L NA	Y			ļ		G	Win Casing		am l nia	¥.				
12	Door Jamb	6,8%	AM L N/A	Y	<b> </b>				lυ	Header Stop		MALAMILINA	Y				
24 80	Intestiold	pov	AM L MA	Y 	ļ		1			int Stops		NA AMAL NA	¥				
AD AB	Door		AMIL NA	Ť V						Win Int Sash	$\vdash$	MR AM LNA					
25	DOGI OBSKY	1 - y	Kaut war						2	Ciceror Sa	$\vdash$	ANN 1 TE INN ANN I TE INN	- 1 - 1				
۳. ا ۲. ۲۰۰	Thereiching		ARE NOT				<b> </b>		4	Rind Sinn		MA 55 1 MA	v				
AB	Boor		AM L NEA							Wite Ext Sash	V	Mg C.N&A	Y				
съ	Door Casing	+/	ARI I N/A	v	-		<u> </u>		A	Window Sill		MII AMA L NIA	Y				
12	Door Jamb	1/1	AM L NA	¥.					В	Win Apron	$\uparrow \uparrow$	AM L N/A	Υ				
34	Threshold	17 1	AM L NA	Y	1	1	t		C	Win Casing		AM L NIA	Y	<u> </u>		1	
A	Closet Door	17	AM L. N/A	Y	1	1	1		D	Header Stop		mà am l na	Y		<b> </b>		
B	Cl Casing	11	am l na	Y		1	1			Int Stops		MA AM L NA	¥			-	
6	Closet Jamb		AM L NA	Ý			I		1	Win Int Sash		MA AM LNA	γ				
D	Closel Walls		AM L N/A	Ϋ́.					2	Exterior SII		MI SF L NA	Ÿ				
	Cl.Baseboard		am l na	Y		I			3	Part Boad		Mil L N/A	Y				
1	Closel Pole	$\square$	aih l nia	Y		<u> </u>	1.		4	Blind Stop	$\downarrow$	MI SF L NIA	Y	<u> </u>			
2	Closel Shelf		AMIL NA	Y	<b>.</b>	Į	ļ			Win Ext Sash	1	MA L.N/A	Ŷ	ļ	ļ		
3	Ci Supports	44	am l na	Y.	<u> </u>		ļ		A:B	Fireplace.	1	AIM L NIA	Y	1	ļ	<u></u>	
4	Closet Floor	1/ 1	am l n/a	Y.	1	ļ	ļ		00	Manüe	K,	AM L NA	Y	ļ	<u> </u>	<u> </u>	L
	Closet Celling	1	AM L NIA	¥	<u> </u>				<u>лв</u> СЭ	Win Above 5'		AM L NA	¥				
COM	ENTS / STRU	CTURAL	DEFECTS:							Celling Moldiny		AM L N/A	¥				
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											$ \mathcal{L} $	AM L NIA	Y	<u> </u>		-	
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Davi	d Pesce				(b)(6	5) & (	(b)(7	(C)				09- 20- 2012			Pagi	16 or	25
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Risk .	Assessor (prin	i()	****	Lic #		Sigr	nature					Date		-			
	Address of	Propert	y: 917	Main S	St:			Apt#	****	λΛ.	City:	Vinevard Have	en. M/	4 02568			
SI	FAIRCASE	155	70	2~~3	y											•	
SIDE	LOCATION/	LEAD	TYPE OF	URG	IC	IС	DELEAD	DELEAD	SIDE	LOCATION	LEAD	TYPE OF	URG	bi la	ſĊ	DELEAD	
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0 0	LOW WERES		A/M L N/A	Υ			<u> </u>		B	Win Apron	3.0	EN LNA	Y				
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A 8. 7 5	Chair Reil		AM L NA	Y				·	D	Header Stop	U at	MA AM LINA	Y			1	1
A.5	Destates	<b>N</b> 1	**** * ****	~			1	1			ALC:						
63 1	Telulut:0;	1.1	AND L N/A	1 T						Int Stops	× 62.6	MI AP L NA	¥.				[
	FiQOF Phyliciae	The	AVANU NAM	T			l			Win let Sash	Por	MA AMALNA	Y			ļ	
A D	Celling	V-12_	BAS L NA	Y	-		<b>ļ</b>		2	Extensor Sill	4.5	MO SO LNA	ΥΥ				
٥¢	Door 154	0,00	AM L N/A	Y			ļ		3	Part Beed	Coie	MA LINA	Y				L
ςυĮ	Dobr Casing	42	ANIL NA	Y			<b> </b>		4	Blind Step	<u>44</u>	WD SF L NA	Ŷ				<u>.</u>
12	Cloor Jamb	1.9	(AMIL NIA	Ŷ				,		Win Ext Sash	ڻي ۽	M/ LNA	Y			l	ĺ
34	Threshold	Q.3	AM L N/A	Y					Ă	Window Sill	1	MA AM L NIA	Y				
AQ	Door 15/1	0.00	AM L NA	Y			[		8	Win Apron	11	AM L N/A	Y				
CDĮ	Door Gasing	1,9	(AM) L NVA	Ý			[ :		¢.	Win Casing		AM L N/A	Y				
12	Door Jamb	74	(ANYL NIA	Y			-		D	Header Stop		MA AM L NHA	Y				
34	Threshold	0.54	AM L NA	¥						Int Stops		MA AM LN/A	Y				
AB	Door		AM L NIA	Y						Win Int Sash		Mỹ A/M L NIA	Y				
cd	Door Casing	3.1	ABL NA	Y					2	Exterior Silt	17	MAI SF L NA	γ				
92	Door Jemb	0.6	AN L NIA	Y					3	Parl Bead	11	Mai Linva	Y				
34	Thresticid	e-uj	AM L NBA	Y					4	Blind Stop	17	MA SF L NA	¥	· · ·	*****	l	
AB	Doar		AM L NIA	Y				-		Win Ext Sash	1/	MA LNA	Ŷ				
cól	Door Dasing	2.4	(OM L N/A	Y					1.11	Newel Post	0.00	A/M L N/A	Y				
餃	dinal rood	2.1	AD L NA	Y					1990. 1	Railing Cap	3.34	A/M L N/A	¥				
34	Threshold	ອາ	AM L NA	Ŷ						Handrail	17	AM L NIA	Ϋ́		······	· · · · · · · · · · · · · · · · · · ·	
AB	Door	1	AM L NA	Y						Balusters	1	AM 1. N/A	¥				
cot	Door Casing	71	ARM L N/A	Y		- 11 de - 14 de maner				Lowerrait		AM 1 NA	Ý				
¥ [	Door Janib	1	AMA L INVA	Y						Treads	6r.	AM I NIA	8		·		
1.0	Threshold		ANA L NA	Y						Risers	22.4	IAM I MA	V		11-11-11-11-1-1-1		
A	Closet Door	1	AM L N/A	Ŷ						Stringer	22.4	(3.9) 1 10/2	v.				
8	CI Casino	11	AM L NIA	v					1.42	Floor Edua	25. 1	1000 C 000	<sup>4</sup> ₩>				
ch	Closet Jamb	++	AM L NRA	y I					扫	Floor Casino	22.1	GIP L MA	v V			· · · · · · · · · · · · · · · · · · ·	: 
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	Cineral Chail		ART L NA														
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!	ntoots values?	EVAL	HOCO DUD		C. D	- فند 13 مو تعرفه	ان منطقة علية إس		L	د. ۱۰ د فادی مطلب بندیس		er in Rosentre 🔹 👘		-		· · · ·	
			JULU SUR	PAUE	o. Suna	Les IISIE	a in the	SE DOXES (	an Dê	made intact	only b	y a licensed de	leade	r,			
sit)C	LOCATIO	N:	MEASURE L	DOSE	'ANT		IC I	IC .	SIDE	LOCATIO	NN.	MEASURE: LC	DOSE F	ANT		IC.	IC
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	al al ciul al al an ann		-							}							

Dav	id Pesce ector (prini)			Lic#	(b)(6	) & ( Sign	(b)(7	()(C)				09- Date	20- 2012 *			Page	<u>l</u> or	25
Dav	IO Pesce				0)(0								·····					
KISK	Assessor (pnr	n) Deces		Lic #		Sign	19pule	74 . N				Date	3					
م	ADDRESS OF	Prope	rty: 91/	Main 3	51.			Apt #:	-0008	^^·	City;	Vin	eyard Have	а, М/	02568		-	
0	TAINGADE	1	0 70	<u> </u>	) Sm 7	,												
SIDE	LOCATION	LEAD	TYPEOF	URG	IC	1C	DELEAD	DELEAD	SICE	LOCATION	LEAD		TYPE OF	URG	1C	κ	DELEAC	DELEAD
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4 8 0 5	Up Walls	03	AM L N/	¥					A)	Window Sill	NIC.	M	ANA I NIA	Y			1	
AS	li ou Walle	136	GATA MPS	v	1			<u> </u>	IΥ	Alia Anena	15	1	ABA 1 100				1	
60		17			1		+			*****		<u> </u>	AVIA L. (VA	1.				
60	Baseboards		AM L NA	Y	ļ		ļ		C	Win Casing	pre	<u> </u>	AM L N/A	Y				
ő ő	1 Transford	146	(AND NA	i Y					D	Header Stop	/	МЯ	A新 L NA	Y.				
88 60	Radiator		AM I NA	v						let Stone	1	N.I.N	ARE 6 6355	~	······		1	
	Flore	42	ANTINIA	1 v		· · ·			1	Min Int Stein	ALC.	1003	X284 1 1485					
	Collina	3.30	ANA : N/A		<u>.</u>		<b> </b> ,		5	Detachet Cit		1.84	MUDR L MEM			i	<b> </b>	
AR	Burne St. at		7800 m 1900				<del> </del> :			Exterior Sal	VR	Non L	SP LINA	<u>Е</u> .			ļ	
	EXODE (%*)	0.01	ANN L MIA						1.3	Han Bead	195	<u>I</u> MI	L N/A	Ŷ			ļ	
120	Door Casing	7,30	VAIME JAMA				<u> </u>		-4	Blind Stop		IM0	SF L N/A	Y				
12	Door Jama	3.84	ONU NIA	1 Y						Win Ext Sash	VR	M	L N/A	Ϋ́				
34	Threshold		aam e nja	ĮΥ			-		A	Window Sill		MA	AM L NA	Ŷ				
AB	Door	4	AM L N/A	Y	[		L		B	Win Apson			AM L NA	¥				
CD	Door Casing		AM L NA	Ÿ					C	Win Casing			AM L NA	Y				
12	Door Jamb		am l Nia	Y			<u> </u>		D	Header Stop		M/I.	AM L NA	Υ				
3.4	Threshold	V 1	A/M L N/A	Y						Ini Stops		мл	AM L NA	Y				
AB	Dear		aim l'nia	Y					1	Win Int-Sash		МЛ	AM L NA	Y		-		
00	Door Casing	1	AM L NIA	Y					2	Exterior Sill		M	SF L N/A	¥-			1	
ँ <b>1</b> 2	Door Jamb	$\overline{7}$	aim l nia	Y					3	Pari Bead		MA	L NA	Y			1	
<b>∀</b> 34	Thrashold	1	, AML NA	Y					4	Blind Stop	1	MI	SF LINA	Y				
AB	Daar		.AM L N/A	Ŷ						Win Ext Sash	<b>7</b>	M	L NA	Y	•••••			
CD	Door Casing	1	aim l. N/A	Y						Newal Post			ANI I N/A	V.	i		1	
12	Door Jamb	7	am l na	Y			1			Columbas	ĥπ		TARK IN HER	Ϋ́		-	<u> </u>	
34	Threshold	1	A/M L N/A	Y						Handrail	3.44	1	A/M L N/A					<u> </u>
AB	Đàor	<u> </u>	ANH L NIA	Y		****				Saluetare		<u> </u>	ARA I NUA					<u> </u> [
CD	Door Casing	-/	AM L N/A	¥					and the second	L'mainer insit			ARA 3 1416		· · · ·			
#	Öoor Jamb	1	ASA'I NIA	v		·····				Tionde	17. I		THE C THE		:			<b>-</b>
	Threshold	1	ANA 1 NA	Ý						Dicare	121		7 (B3.00)					
	Closel Door		6641 1976	v						Differences	101		and in the second					
R	Cilcon Lago		6.34 1 5054	÷				: 		ounger Sunger	20100		COM U NIA	Ľ				L
	Allaniat lamb		A 194 1 1974			• • • • • • • • • • • • • • • • • • •				Floor Edge	62.9 12.6 1		LUGA LI NIA	¥.			·	
ň	Washington and the		AND 1 1924							FREK QASER, J			AM L NA	Ŷ				
0	GXISET-WARS		And L NRA	1		•••••••••••			32	51.9 7 5	190%	FRM 1	AMUNA	Ŷ				
	Ci Besebbard		A/M L N/A	Ť					COM	MENTS/STRU	STURA	L DEF	ECTS					
	Closet Pole		AM L NA	Y					$ O\rangle$	) found.	فبريروه	\$	TL AA	<u>)</u>	-7 <sup>03</sup> 17	ě.		
2	Closel Shelf		AM L NA	Y														
3	CI Supports	$\square$	AM L NA	Y				······										
4	Closel Floor		ASIA LI NYA	Γ¥														
L	Closel Coiling		AM L NA	¥.,														1
		EXC	LUDED SUR	FACE	S: Surfa	ces liste	d in the	se boxes (	can be	made infact	only b	yal	icensed de	leade	ŕ.			l
SIDE	LOCATIO	N	MEASURE: L	OOSE	PAINT		ťC	IC	SIDE	LOCATIC	Ń	*	HEAGURE-LC	XOSE F	AINT		1Ċ	IC.
1		]	(MORE THAN	1 288 S	Q. (N.)		DATE	METHOD				- (1	MORE THAN	288 SC	2 IN.)		DATE	METHOD
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David	Pesce
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Inspectorr (print)



09-20-2012

Date

Dav	id Pesce				(b)(6	5) & I	(b)( <i>1</i>	)(C)									
Rist	Assessor (pri	nť)	Lic#			Sign	ature					Date					
	Address of I	Prope	rty: 917 M	Main S	St.			Apt #:	<u> የ</u> አትስ	AA:	City:	Vineyard Have	in, MA	4 02568			
B	ASEMENT/L	AUND	RY AREA													-	
SIDE	LOCATION/	LEAD	TYPE OF	URG	ic	IC	DELEAD	DELEAD	SIDE	LOCATION	LEAD	TYPE OF	URG	1C	1C	DELEAD	DELEAD
	SURFACE		HAZARD	HAZ7	DATE	METH	DATE	METH		SURFACE		HAZARD	HAZ?	DATE	METH	DATE	METH
8.8	Walls	Ne	AM L NIA	γ	1	<u>}</u>				Pipes		am l nia	·Y				
AS	Walls	20	AM L NA	Y			1		AB	Sink	17	AM L NA	Υ				
蔥	Walls (2)	¥.4	GAT I NA	Y	ŀ		1		AB	Drainpipe		AM L N/A	¥				
AS	Walls.		AM L N/A	Y					(JB	Serviceboard	10. JA	AM. L. N/A	Y				
48	Sanahaanta		6.86.1 5.02	v			<u>†</u>		A R	Chalim	<u> </u>	k.m.a 1 6.124	Ĵ				
<u>CO</u> 48	1111240139032	+	AARA C 1494							0010000		Mara L Nam	,				
C.D.	Chair rails	<u>/</u>	AM L NA	Y			ļ		<u>cu</u>	Supports	Ļ	AM L NA	Y		ļ		
12	r loor	NC.	A/M L N/A	Y		ļ	<b></b>		AB	Sheives		A/M. L. N/A	Υ Υ		ļ		
*	Ceiling		A/M L N/A	Ύ,	·		ļ		CU	Supports	r	, AM L NA	Ŷ				
. C.O	Chimney	NC	AM L NA	Ŷ					ΑB	Shelves		AM L NA	Ŷ				
88 60	Support Colum	20	A/M L N/A	γ					СD	Supports	$\nabla$	am l Na	Y				
AB	Daor	186	hage na	Y		1	-			Window frame	J.C.	MA AM LINA	Ŷ				
00	Door Casing	<u>le e</u>	AND NA	Y.		1	1		A)B	Window Sash	VR	MA AM L N/A	¥				********
12	Door Jamb	{\$,1	<b>EPUDNIA</b>	Y			1		ČD	Exterior Sil	VA	MA AM L N/A	Y	[			
34	Threshold	-	A/M L N/A	Y					12	Part Bead		MA AM L NA	Y				
AB	Door (J)	156	ANT NA	Y			1		34	Win Ext Sash	Vn	MI AM L NA	Y	1			
CO	Door Casing	~	a/m L. N/a	Y	-				-	Window Irame	D.C.	MAT AM L N/A	Y		1		
2	Door Jamb	15.6	ONO NIA	Y					AB	Window Sash	VR	MA AM L NA	Ŷ		<u> </u>		
<b>T</b> 34	Threshold	/	ann l nia	Y					CD	Exterior Sill	Na	MAT AM L NA	Y.				
AB	Door	1	a/m l. n/a	Y			1		12	Part Bead		MAT AJM L NIA	Ŷ		1		
CD	Door Casing	7	A/M L N/A	Y					34	Win Ext Sash	NR	MA AM L NA	¥		1		
1.2	Door Jamb	7	AM L NA	Y	Ó					Windowframe	we	MI AM L NA	Y	İ	1	1	
34	Threshold	1	AM L N/A	¥			1		AB	Window Sash	MA	MA AMA LINIA	Y				
10	Cabinets	19.6	AML NA	Y			1		de	Exterior Sill	Ve	MA ARE I NIA	y	[	<b></b>		
AB	Bonichas	- 7	ARAT NUA	v		Į	1		12	Part Road		MA SAL LUIN	l ,	· · · ·	<u> </u>		
c n	Surroods	1	A#4 1 184	÷					31	Min Det Cosh	50	648 6764 E 6074	- 4		ļ,		
-	Clocal Boor			v			1		-	Influed over females		FRI AND L TUPS			Ī		
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	Masat Jamb		A& 1 594			<u>.</u>	<u> </u>		1 C D	Cuballas Citi	+	MUT ANN L NA			<u>†</u>		
n.	Cineat Dialle		23kr 1 k9A			L	1		10	Card Band	1/	118 894 L 1924			<u> </u>		
	Ci Rassimant		AM 1 MM	-			ŀ		34	Ain Evi Such	¥—	MA ARA 1 SHA		<u> </u>			
	Aligent Bala		5/001 C 10/C			ļ				States Coloria	<u> </u>	A 3.43 1 303			1	<b> </b>	
	Clocal Clock	-	AUNIE NUA.	Ļ.			-		A D	rvewet Posts		AMA L CUA	Y	ļ	<u> </u>		
	Ci Dundanda		4885 4. NIA				1		no nn	mangrall	+	AVA L NA			<u> </u>	ļ	-
3	CH SUPPORS	1	AVM L N/A	r V	:				1 C D	Part Part	¥	AVM UN/A	Y	<u> </u>	<b> </b>	<u> </u>	
4	Closel Floor	/	AMIL NA				1		12	COMO(38)	10.30	A/M L N/A	Y	<b>_</b>		<b> </b>	
	CHOSEL COMING	umi D	ofonic	T	l	[	I	l	34	116905	0.3(	AVAR L NIA			<u> </u>	ļ	
P.a.	nicansionUCE ∕_} ~~ \_	្រុំងំ	oreus		dusr					INSERS	14.33	AVM L NYA	1 Y	<b> </b>	<b> </b>		
	UI UMT	) શાંક	, 12 <sup>1</sup> -		2.					Perendial	1	A/M L N/A	Γ <u>Υ</u>	ļ	<u> </u>	<u> </u>	
	(31 W	Nort	n shar d	۲ ک	MONAR D				1.0	Ol Tank	0.33	L N/A	l v l			1	

EXCLUDED SURFACES: Surfaces listed in these boxes can be made infact only by a licensed deleader. SIDE LOCATION MEASURE LOOSE PAINT IC-IC. SIDE LOCATION MEASURE: LOOSE PAINT IC ١Ĉ (MORE THAN 288 SQ. IN.) DATE METHOD (MORE THAN 288 SQ, IN.) DATE METHOD

Davi	Id Pesce			(	(b)(6	) & (	(b)(7	′)(C)				q	- 7.0 - 2012			Page	, 19 or	25
Insp	ector (prinil)		·····	Lic #		Sigr	nature					,	Date					un 1990, a 00, a
Davi	id Pesce				(b)(6	) & (	(b)(7	)(C)										
sk	Assessor (on	nť		Lic #		Sior	alure						Dale		•			
¢	Address of	Propert	ly:	917	1 m	en en en en en en en en en en en en en e	57.	Apt #: •				City:	VILLENE	6	Ha.	icn r	AA Ó	2562
	1 AVA	2 DRM	Room				2						<u>V 1/8 C. 1/4</u> .	« <b>4</b> ».	1.94			en Maria e nor
SIDE	LOCATION	LEAD	TYPEOP	URG	10	IC	DELEAD	DELEAD	SIC	DE	LOCATION?	LEAD	TYPE OF	URG	16	tic	DELEAD	DELEA
	SURFACE		HAZARD	HAZ7	DATE	METH	DATE	METH			SURFACE		HAZARD	HAZ?	DATE	METH	DATE	METH
ÂB	Up Walls	A.5.3	arit nia	Y			1				Mindow Sill	7 5	GR) EXT I HA	¥				
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C D: A B		K	engere su steen	<u> </u>			1				kālti viljačisi - E	203	- AVM L NUA	r		ļ		
çp	Baseboards	liol	AIN L N/A	Y					ЦC	メ	Win Casing	1.6	AD L N/A	X		ļ	-	ļ
8 0	Chair Rail		ANH L NIA	Ŷ					D		Header Stop	000	MA AM LINA	Y				
A8 00	Radiator		AM L NIA	Υ							Int Stops	0, oj	MA AM LINA	Y				
	Floor	405	ANN L NIA	Ÿ		-		**************************************	1	I	Win Int Sash	0.55	M/I AM L N/A	Y				
	Ceiling	NA	AM L N/A	¥٠					2	2 [	Exterior Sill	1,4	M) (SÌ L NA	Y		1	1	
AB	Dobr		am l nia	Y					3	3	Parl Bead	Cov	MA LNA	¥			1	
сØ	Door Casing	215	AM L NA	Y			1		4	1	Blind Stop	1.3	MA SP L NA	Y			1	1
12	Door Jamb	Q 22	am l nia	Ŷ						ĥ	Win Ext Sash	0.*2	MT L N/A	Y			1	
3-4	Threshold	336	AM L NA	Y					A		Window Sill	1	MA AM L NA	¥		1	ľ	1
AB	Obor		AM L NA	γ					8	¥	Win Apron	7	AM L NA	۲		:	1	
СO	Door Casing		AM L N/A	·۲					6	) [	Win Cesing		AM L NA	Ŷ				
12	Door Jamb		AM L N/A	Ŷ					D	) [	Header Stop	1	MII AM E N/A	γ				
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34	Threshold	K k	AIM L NIA	Ŷ			ļ		4		Blind Stop	$\downarrow$	MA SF L NIA	¥		<u> </u>		
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	Upper Trim	NA	L N/A	¥						Railing Cap	0.01	ÂM L N/A	Ŷ				
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12	Threshold	1.6	AXON/A	Y					i frida Maria	Lower Walls		AM L NA	Y				
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D	Door Jamb	$ \uparrow $	AM L NA	8						[	$\vdash \uparrow$	AM L NA	Y			1	İ
12	Threshold	H	AM L NIA	Y							+	AM L N/A	Υ			*	
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۸ ۵	Uppr Annual Annual	6-12	AEA-U N/A	Y						Lower Rafi	0.00	AM L N/A	Y				
2	Storm Loor	1 2	AM L NIA	Y.						Treads	0, <sub>261</sub>	A/M L N/A	Ŷ			<u> </u>	<u> </u>
a	Cloor Caseng	1 × ×	NINU NIA	Ŷ						Risers	0.26	.aim l n/a	Ý				
2	Door Jano	16,8	SAMU NA	Y						Stringer	0.05	A/M L N/A	Y				
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A	Doar	4	an l na	Y						Lower Trim	Q.48	AM L N/A	Y.				
ы	Storm Coor	4	AM L NA	Ÿ			,		1800 () 1900 ()	Floor	Q.42	AM E N/A	Ϋ́				
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12	Thrashold		A/N L N/A	Ŷ							$\Box$	an l na	¥				
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CD	Win Casing	$\downarrow$	AM L NA	4				. in in i				am l'n/a	Y				
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<u>)</u> B	Window Sill	1.5	(AM) L NIA	Ŷ								aira l'Nia	Ŷ				
p	Win Casing	<u>ि.</u> भ	EN L NA	Y				· _				AM L N/A	Ŷ				
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**David Pesce** 

Inspector (print)



09- 20- 2012 Date

Page 22 01 25

Dav	id Pesce			(	0)(0	$) \alpha$											
Risk	Assessor (pri	ni)		Lic#		Sign	ature					Date	<u></u>	•			
7-iv and <b>100</b>	Address of	Prope	irty: 1917 I	Viaîn S	St.			Apt #:	<u>,888</u> 8	<b>Ą</b> А.	City:	Vineyard Have	en. M/	4 02568			
E	XTERIOR A	Side														-	
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1	Storm Door	$\lfloor /$	A'M L N/A	Y			ļ			Screen Frame	1/	AM L NA	Y				
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3 4	Threshold	ľ	AM L NA	Y.,						Screen Frame	17	AM L N/A	Y				
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3 4	Threshold		AM L N/A	Ϋ́,				. :		Fences	ja.⊌≥	A/M E N/A	Y				
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(A)	Win Casing	1.6	AM I. NIA	Ŷ						Newel post		A/M L N/A	Y				
P3	Window Sash	ð.&4	AM L NA	¥						Railing Cap		A/M L N/A	Y				
	Window Sil	1	AM L N/A	Y			:			Handreil		AM L N/A	Y				· · · · · ·
A	With Cassing	1	AM L.N/A	Y			1		A	Balusters		AM L N/A	×				
ų.	Window Sash	7	A/M L N/A	¥						Lower Rail		AM L N/A	¥				
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**David Pesce** 

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Inspector (print)



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DELEAD

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METH

09-20-2012 Date **David Pesce** Pisk Assessor (print) Signature Date Address of Property: 917 Main St. аллаа Apt#: City: Vineyard Haven, MA 02568 EXTERIOR B Side LOCATION/ LEAD TYPE OF URG DELEAD DELEAD 1Ĉ i¢ SIDE LOCATION! LEAD TYPE OF URG IC IC. DELEAD SURFACE HAZARD HAZ DATE METH DATE METH В SURFACE HAZARD HAZ DATE MÉTH DATE Siding L N/A Y Que : Window Sill AM L NA Y Corner Boards 1.2 L NIA ¥ В Win Casing AM L NA Y Lower Trim L NIA ۲ Window Sash ie n S AM L N/A Y Upper Trim şip. L NIA Y Celtar Win Sit AM L NA ¥.  $2m^{2}$ Win Above 5' L NA B ŇΔ Ϋ Cel Win Sash VA. AM L NA Y Porch Above 5 L N/A ¥ Cel Win Frame ð,....; AM L NA ¥ Storm Door AM L NA γ Screen Frame AM L NA Y 33 AM L NA Door Ŷ Collar Win Sill AM L NIA Y Door Casing 3,6 AM L NA Y В Cel Win Sash AM L NA Y 1 2 Door Jamb NA AM L NA Ŷ Cel Win Frage AJM L NA Y 3 4 Threshold 0.6 AM L NA Ŷ Screen Frame AM L NA ¥ Kickolate AM L NA ¥ Cellar Win Sill AM L NK ¥ Storm Door AM L N/A ¥ В Cel Win Sash AN UNA γ Door AM L N/A ¥ ë Cel Win Frame Ÿ AM L NA Coor Casing AM L N/A ¥ Screen Frame AM. L. N/A ¥ Door Jamb AM L NA ¥ Cellar Win Sill AM L NM Y Threshold AM L NA Y В Cel Win Sash AM L NA Ý Kickplate AM L NA ¥ **Gel Win Frame** AM L NA ¥ Door AM L N/A Ŷ Screen Frame AM L NA Y Door Casing AM L N/A ¥ Foundation L NVA Y 0.50 Door Jamb AM L NA ¥ B Bulkhead AM L NA ¥ Threated AM L NIÁ ¥ Fences AM L NA ¥ Window Sil AM L N/A ¥ Shaters ¥ AM L NA Win Casing AM L NA Ŷ Newsi post AM L NA ¥ Window Sash AM L NA ¥ Railing Cap AND L MA ¥ Window Sil AM L NA ۷ Handrail AM L N/A ٧ Win Casing AML NA Y В Balusters Y am i na Window Sash AM L NA ¥ Lower Rall AM L NA Y Window SB AN L NA ¥ Treads A/M L N/A Ý Win Casing AM'L NA ¥ Risers. AM L NA ¥ Window Sash AML NA ¥ Stringer AM L NA ¥ 8 Lamp Post LNA ¥ Latice AM L NA ¥ COMMENTS / STRUCTURAL DEFECTS: LNA ¥ В Elec Conduit L N/A Y OII Fill Pipe L NA Ŷ Overhang Trim AM L NA Ÿ Excluded Surfaces: Surfaces listed in this box can be made Soil Test Results intact only by a licensed deleader (Must be less than 400 ppm for play area / 1200 ppm for bare soil) LOCATION MEASURE: LOOSE PAINT 1C IC. LOCATION AREA MEASUREMENT RESULT REMED (MORE THAN 1440 SQ. IN.) DATE METH (Square Feet) (PPM) DATE Play Area Bare Scil Comments:

Da	vid Pesce			(b	)(6)	&	(b)(	7)(C	)			09- 20- 2012		Pa	24 C	25
Inspector (print)				Li¢#		Sia						Date				,
Da	vid Pesce	()	D)(6)	) &	(b)(	7)(C)										
25	k Assessor (pri	ný		Lic#		Sigr	alure					Date				
	Address of	Property	<u>č. 917 l</u>	Main S	St.			Apt #	лаал	49.	City:	Vineyard Haver	n, MA 02568			
<b>r</b>	EXTERIOR C	Side							·						•	
ISC	E LOCATION	LEAD	TYPE OF	URG	IC I	IC	DELEAD	DELEAD	SIDE	LOCATION	LEAD	TYPE OF	urg ic	Ю	DELEAD	DELEAD
	SURFACE	<u> </u>	HAZARD	HAZ?	DATE	METH	DATE	METH	С	SURFACE		, HAZARD	HAZY DATE	METH	DATE	METH
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	Corner Boards	12-a1	L N/A	Y			<b> </b>		C	Win Casing		am l n/a	Y			
	Lower Inst	30%	L N/A	Ŷ				<u> </u>	14 19	Window Sash		a/m l n/a	¥.			
-	Upper Trim	PNA NA	L N/A	Y			ļ			Cellar Win Sil		A/M L N/A	Y			
1	Win Above 5'		L N/A	Y					C	Cel Win Sash	$\bot$	AM L NA	Y			
	Porch Above 5		l n/a	Ŷ					₩.	Cel Win Frame		AM L NA	¥.			
	Storm Door	-4-	AM L NA	Y						Screen Frame		ani li nja	Y			
	Daor		AM L NA	Y						Cellar Win Sill	$\square$	AM L NA	Y			
1.	Door Casing	4	AM L N/A	Y					С	Cel Win Sash.	$ \perp $	AM L NA	Y.			
	Door Jamb	⊬	AM L N/A	Y					27	Cel Win Frame	Į į	A/M L N/A	Y			
34	ittrespold	$\mu$	ARK L. N/A	Y						Screen Frame		AM L NA	Y			
ļ	Kickplate	L,L	am l. Nia	Y						Ceilar Win Sill		am l nua	Y	:		
1	Storm Door	/ _	AM L NIA	Y					C	Cel Win Sash		AM L N/A	Y			
	Door	<u> </u>	am l na	Y					ň	Cel Win Frame	1	AM L NA	¥			
Ľ	Door Casing	1	AM L NIA	<u> </u>					L	Screen Frante	/	, AM L NA	Y			
12	Door Jamb		AM L NIA	Y						Collar Win Sill		AM L N/A	Y			
13 4	Hueshold	<b> </b>	AM L N/A	Y					C	Cel Win Sash		AM L NA	Ϋ́			
L	Kickplate	r di	AM L NA	Y					7	Cel Win Frame		ARA L NA	Y			
	Door	4	AM L NA	Y						Screen Frame	(	AM L N/A	Y			
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	window Sit	-4-	AMLNA	Y						Shutters		AM L NA	¥		: 	
<u> </u>	With Casing	++	AM L N/A	¥.			· · · · · · · · · · · · · · · · · · ·			News! post		AM L NA	Υ.			
ļ	window Sash		AM L NA	Y						Railing Cap		A/M 1, N/A	Y			
	WERDW SIL	-4-	AIM L. NA	- Y-	<u> </u> .					Handrail		AM L N/A	Y			
4	With Gasing	/	AMIL NA	Y I					Ç	Balusters		Alhi L NIA	Y			
π.	PTH ROUX ORDER	-	RIM L NIR							Lower Rail		AM L NA	Y			
1.	WINGSW SHE		AM L NA	<u> </u>						Treads		AM L NA	Y			
4	Mindow Com	1+	AND L NIA ANA I NIA	<u>'</u>						Risers	-	AM L N/A	Y			
<u> </u>	I rime Dest	A	MIR L. NIA							Stringer	/	AM L NIA	Y			
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 $280^{4}$ 

David Pesce Inspector (print)



09- 20- 2012 Date



Dav	id Pesce			(	D)(b	) &	(D)( <i>I</i>	(C)									
Pisk Assessor (print) Lic#			Sig	Signature				Date									
	Address of Property: 917 Main St.					Apt #:	አለአለ	4.5 <u>.</u>	City:	Vineyard Have	m, M/	A 02568					
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1	Upper Trim	Alta:	l N/A	Ŷ			1			Cellar Win Sill	ð son	AM L NA	Y	1		<u> </u>	
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34	Thrachold		ARE L MAR			······				Cenar win Sit	+	AM L NA	Ŷ				
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5	REFERENCESE COME	+	.94000 2, 19603 1 4.348 2, 4224	1			<u> </u>		<u> </u>	STREAMERS	<i>1</i>	AM L MA	Y				
*	Window Small	+	ANS L. NIA	1		······				Newel post	4	ANI L'NA	Y				
	WHICH SEST		ADEL LEAC	1					1.	Railing Cap	<u>.</u>	AM L N/A	Ŷ				
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<u>, 1</u>	WIRDOW SEED	<u> </u>	AML NA	*						Lower Rell		AM L NA	Ÿ				
	Window Sel	-A	AM L NA	<u> </u>			· · · · · ·			Treads		AM L NIA	Y				
ي. 4	Win Casing	++	AM L NA	¥						Risers		AM L NA	7				
it iv	Window Sash	4	AM L NA	¥						Stringer		AM L NA	¥				
n I	Lamp Post	$\mathbb{Z}$	L N/A	¥ [			1		L	Latice	1	, AM L NIA	Y				
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		int	act only by a li	cense	d delea	der				(Must be les	is thar	1400 ppm for p	ay an	ea / 1200	) ppm fr	or bare s	oil)
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υ										Bare Soil							
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<u>Attachment B</u> Lead Inspection Report/Field Notes 920 East Main Street September 23, 2012

US Coast Guard Air Station Cape Cod Martha's Vineyard Housing West Chop #1 & #2 (917 & 920 Main Street) Vineyard Haven, MA 02568

XRF Lead Paint Narrative

This report presents the results of testing for the presence of lead by X-Ray Fluorescence (XRF) analysis on interior and exterior painted surfaces at the above-referenced location. The lead testing was performed on September 20, 2012, by Mr. David Pesce, Commonwealth of Massachusetts Licensed Lead Inspector (License No. . Mr. Pesce is trained in the proper use and interpretation of results of the XRF Spectrum Analyzer.

The XRF testing was performed to evaluate the lead content on painted surfaces for interior and exterior surfaces in housing, and determine the presence of lead hazards as defined by the Massachusetts Lead Law (105 CMR 460.000 – Lead Poisoning Prevention and Control). Surfaces tested included: walls, ceilings, floors, shelving, closet features, window systems, door systems, exterior siding, exterior trim, porch trim and features, garage exterior components, and any other component with a surface coating that was visible and reachable during the inspection.

Lead paint content of components was not consistent or representative from one area to another; this is likely due to previous work that has been performed to the property from over the years of maintenance and updates. The following building components were commonly found to contain dangerous levels of lead (see individual reports for exact results):

- Plaster walls and ceilings
- Baseboards
- Doors, door casings, and door jambs
- Window sills, casings, interior stop edges, aprons, exterior sills, blind stops, and exterior casings.
- Stair risers, treads, stringers, floor edges, and floor casings
- Shelves and shelf supports
- Garage exterior components

Less commonly found to contain lead, but still having at least some locations which are considered to have dangerous amounts of lead are:

- Door thresholds and kickplates
- Exterior Cornerboards
- Porch columns

In addition to these components containing dangerous levels of lead, many of these components present one or more lead hazards as defined by 105 CMR 460.000. These

hazards are either: Accessible/mouthable surfaces, moveable/impact surfaces, and/or loose/chipping/peeling/deteriorated paint.

Anyone who performs work to correct lead hazards must be authorized and licensed according to 105 CMR 460.00 – Lead Poisoning Prevention and Control and 454 CMR 22.00 – Deleading and Lead Safe Renovation Regulations.

Additionally, the employer of workers who disturb or remove lead paint must comply with OSHA Standard 29 CFR 1926.62 - Lead. This applies to all construction work, alteration, or repair, including painting, where an employee may be occupationally exposed to lead.

### Limitations

Lead testing was limited to accessible interior and exterior painted surfaces located at 917 & 920 Main Street, Vineyard Haven, Massachusetts. Additional lead-containing building substrates and components may be present in inaccessible building areas or areas not tested.



Master Lead Inspector/Risk Assessor MA Lic #

Location/Component	Substrate	Results (mg/cm <sup>2</sup> )				
Room # 1						
Baseboards	Wood	9.8				
C Door Casing	Wóod	1.5				
C Door Jamb	Wood	4.1				
D Door Casing	Wood	1.4				
A1 Window Apron	Wood	2.1				
A1 Window Stop Edges	Wood	3.3				
A1 Exterior Window Sill	Wood	1.1				
A1 Blind Stop	Wood	1.2				
A2 Window Apron	Wood	2.1				
A2 Window Stop Edges	Wood	3.3				
A2 Exterior Window Sill	Wood	1.6				
A2 Blind Stop	Wood	1.8				
B Window Stop Edges	Wood	1.5				
D Window Stop Edges	Wood	3.2				
Room # 2	·					
Baseboards	Wood	6.0				
C1 Door Casing	Wood	2.6				
C2 Door	Wood	1.9				
C2 Door Casing	Wood	3.9				
C2 Door Jamb	Wood	4.4				
D Window Stop Edges	Wood	3.1				
B1 Exterior Window Sill	Wood	1.1				
B2 Window Sill	Wood	1.2				
C2 Closet Door	Wood	1.5				
C2 Closet Door Jamb	Wood	4.4				
C2 Closet Walls	Plaster	15.1				
C2 Closet Baseboard	Wood	21.2				
C2 Closet Shelf	Wood	5.1				

Dangerous level of lead by XRF is equal to or greater than  $1.0 \text{ mg/cm}^2 \text{ mg/cm}^2 = \text{milligrams}$  of lead per square centimeter of sampled surface area. ٠

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NA = not able to test, assume positive •

Location/Component	Substrate	Results (mg/cm <sup>2</sup> )
C2 Closet Ceiling	Wood	4.3
Room # 3		· · · · · · · · · · · · · · · · · · ·
Walls	Plaster	13.1
Ceiling	Plaster	11.1
Baseboards	Wood	18.2
C1 Door Jamb	Wood	1.5
C2 Door Casing	Wood	1.5
A1 Window Sill	Wood	2.6
A1 Window Apron	Wood	2.4
A1 Window Casing	Wood	2.4
A1 Window Stop Edges	Wood	1.8
A1 Exterior Window Sill	Wood	2.1
A1 Blind Stop	Wood	7.5
A2 Window Sill	Wood	2.6
A2 Window Apron	Wood	2.4
A2 Window Casing	Wood	2.4
A2 Window Stop Edges	Wood	1.9
A2 Exterior Window Sill	Wood	2.1
A2 Blind Stop	Wood	7.5
C1 Closet Door Casing	Wood	3.1
C1 Closet Walls	Plaster	15.5
C1 Closet Baseboard	Wood	16.8
C1 Closet Shelf Supports	Wood	2.6
C1 Closet Ceiling	Plaster	11.4
C Shelf (in room)	Wood	15.2
Room # 4	· · · · · · · · · · · · · · · · · · ·	
Walls	Plaster	10.4
Ceiling	Plaster	9.4
Baseboards	Wood	17.2

• Dangerous level of lead by XRF is equal to or greater than 1.0 mg/cm<sup>2</sup>

•  $mg/cm^2 = milligrams$  of lead per square centimeter of sampled surface area.

• NA = not able to test, assume positive

Location/Component	Substrate	Results (mg/cm <sup>2</sup> )
A Door Casing	Wood	4.2
A Door Jamb	Wood	1.6
D Door Casing	Wood	4.2
D Door Jamb	Wood	1.9
B Window Sill	Wood	2.4
B Window Casing	Wood	2.5
B Window Stop Edges	Wood	3.0
B Exterior Window Sill	Wood	1.1
B Blind Stop	Wood	1.6
A Closet Door Jamb	Wood	3.2
A Closet Walls	Plaster	8.0
A Closet Baseboard	Wood	19.3
A Closet Shelf Supports	Wood	8.0
A Shelves (in room)	Wood	11.8
A Shelf Supports (in room)	Wood	10.0
Room # 5	•	
Walls	Plaster	8.7
Ceiling	Plaster	6.9
Baseboards	Wood	13.7
C2 Door	Wood	1.9
C2 Door Casing	Wood	2.2
C2 Door Jamb	Wood	7.1
B Door Casing	Wood	7.9
C2 Closet Door Jamb	Wood	4.6
D Window Casing	Wood	2.9
A Shelf (in room)	Wood	8.3
A Shelf Support (in room)	Wood	6.1
Kitchen		· ·
B1 Door Casing	Wood	
	-1	

Dangerous level of lead by XRF is equal to or greater than 1.0 mg/cm<sup>2</sup> ٠

 $mg/cm^2 = milligrams$  of lead per square centimeter of sampled surface area. NA = not able to test, assume positive ٠

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Location/Component	Substrate	Results (mg/cm <sup>2</sup> )		
A2 Door Jamb	Wood	1.2		
C Door Jamb	Wood	1.3		
B Exterior Window Sill	Wood	1.5		
B Blind Stop	Wood	2.6		
C Exterior Window Sill	Wood	1.6		
C Blind Stop	Wood	2.9		
A2 Closet Door Casing	Wood	4.4		
A2 Closet Door Jamb	Wood	1.2		
A2 Closet Walls	Plaster	19.6		
A2 Closet Baseboard	Wood	15.5		
A2 Closet Shelves	Wood	1.3		
A2 Closet Shelf Supports	Wood	20.8		
A2 Closet Ceiling	Plaster	11.3		
A2 Closet Pipes	Metal	1.4		
Bathroom # 1		·		
Baseboards	Wood	18.8		
A Door Jamb	Wood	1.7		
C Window Casing	Wood	1.6		
C Window Stop Edges	Wood	2.0		
Bathroom # 2	- <u>- uau</u>			
Baseboards	Wood	8.4		
A Door Casing	Wood	5.1		
C Window Sill	Wood	2.9		
C Window Stop Edges	Wood	3.0		
C Window Exterior Sill	Wood	2.1		
D Shelves	Wood	3.7		
D Shelf Supports	Wood	6.2		
Hallway # 1				
Baseboards	Wood	28.3		

Dangerous level of lead by XRF is equal to or greater than 1.0 mg/cm<sup>2</sup> ٠

 $mg/cm^2 = milligrams$  of lead per square centimeter of sampled surface area. NA = not able to test, assume positive ٠

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Location/Component	Substrate	Results (mg/cm <sup>2</sup> )		
A Door Casing	Wood	1.7		
B Door Jamb	Wood	1.2		
Hallway # 2	· · · · · · · · · · · · · · · · · · ·			
Walls	Plaster	17.2		
Baseboards	Wood	13.1		
A1 Door Casing	Wood	3.7		
A1 Door Jamb	Wood	2.2		
A2 Door Casing	Wood	3.7		
B Door	Wood	1.6		
B Door Casing	Wood	1.0		
B Door Jamb	Wood	1.7		
B Closet Door	Wood	2.4		
B Closet Door Jamb	Wood	1.8		
B Closet Walls	Plaster	11.9		
B Closet Baseboard	Wood	13.0		
B Closet Shelf Supports	Wood	3.9		
B Closet Ceiling	Wood	1.8		
A2 Closet Door Casing	Wood	3.5		
A2 Closet Walls	Plaster	19.6		
A2 Closet Baseboard	Wood	12.1		
A2 Closet Shelf Supports	Wood	14.9		
A2 Closet Ceiling	Plaster	10.1		
Hallway # 3		· · ·		
Walls	Plaster	15.6		
Baseboards	Wood	13.6		
B Door Casing	Wood	4.2		
D Door Jamb	Wood	3.4		
D Door Casing	Wood	3.6		
A Header	Wood	9.4		

• Dangerous level of lead by XRF is equal to or greater than 1.0 mg/cm<sup>2</sup>

• mg/cm<sup>2</sup> = milligrams of lead per square centimeter of sampled surface area.

• NA = not able to test, assume positive
Location/Component	Substrate	Results (mg/cm <sup>2</sup> )
Staircase 1 <sup>st</sup> to 2 <sup>nd</sup>	nan na sana ang sana ang sana ang sana ang sana ang sana ang sana ang sana ang sana sang sana sang sana sang s	
Walls	Plaster	17.2
Radiator	Metal	2.2
Baseboards	Wood	13.1
A Door Casing	Wood	2.1
A Door Jamb	Wood	1.1
B Door Casing	Wood	3.2
B Door Jamb	Wood	1.7
D Door Casing	Wood	2.3
D Door Jamb	Wood	1.3
A Window Sill	Wood	4.7
A Window Casing	Wood	7.1
A Window Stop Edges	Wood	4.2
A Exterior Window Sill	Wood	1.8
A Blind Stop	Wood	1.6
Stair Risers	Wood	3.4
Stair Stringer	Wood	4.6
Floor Edge	Wood	1.8
Floor Casing	Wood	11.2
A Window Above 5'	Wood	13.8
Staircase 1 <sup>st</sup> to Basement		· · · · · ·
Lower Walls	Wood	8.2
B Door Casing	Wood	4.2
B Door Jamb	Wood	4.5
Columns	Wood	10.9
Stair Treads	Wood	4.4
Stair Risers	Wood	20.0
Stair Stringer	Wood	7.6
Floor Edge	Wood	21.1

• Dangerous level of lead by XRF is equal to or greater than 1.0 mg/cm<sup>2</sup>

• mg/cm<sup>2</sup> = milligrams of lead per square centimeter of sampled surface area.

• NA = not able to test, assume positive

Location/Component	Substrate	Results (mg/cm <sup>2</sup> )				
Floor Casing	Wood	21.1				
Basement Area	- <u>, , , , , , , , , , , , , , , , , , ,</u>					
Walls	Wood	3.6				
D2 Door (Interior Side)	Wood	1.9				
D2 Door Casing (Interior Side)	Wood	10.1				
D2 Door (Exterior Side)	Wood	1.9				
D2 Door (Exterior Side)	Wood	10.1				
D Bulkhead Stair Treads	Wood	2.4				
D Bulkhead Stair Risers	Wood	1.4				
D Bulkhead Stair Stringer	Wood	1.4				
D2 Closet Walls	Wood	3.6				
Laundry Room						
C Window Sill	Wood	1.2				
C Window Apron	Wood	1.2				
C Window Stop Edges	Wood	6.1				
Front Porch (A-Side Porch)		· · · · · · · · · · · · · · · · · · ·				
Upper Trim	Wood	NA				
Ceiling	Wood	NA				
Joists	Wood	NA				
A Door Threshold	Wood	1.8				
Rear Porch (C-Side Porch)	· · · ·					
Upper Trim	Wood	NA				
Ceiling	Wood	NA				
Joists	Wood	NA				
B Door	Wood	2.1				
B Door Casing	Wood	8.6				
B Door Threshold	Wood	1.4				
B Door Kickplate	Wood	31.2				
C Exterior Window Sill	Wood	1.6				

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Dangerous level of lead by XRF is equal to or greater than  $1.0 \text{ mg/cm}^2$  mg/cm<sup>2</sup> = milligrams of lead per square centimeter of sampled surface area. •

NA = not able to test, assume positive•

Location/Component	Substrate	Results (mg/cm <sup>2</sup> )				
C Exterior Window Casing	Wood	1.4				
Support Columns	Wood	4.8				
Exterior A-Side	·					
Corner Boards	Wood	1.6				
Upper Trim	Wood	NA				
Windows Above 5'	Wood	NA				
A Exterior Window Sill (x2)	Wood	1.7				
A Exterior Window Casing (x2)	Wood	1.2				
Exterior B-Side	·	······································				
Corner Boards	Wood	1.2				
Upper Trim	Wood	NA				
Windows Above 5'	Wood	NA				
B Exterior Window Casing (x1)	Wood	1.7				
Exterior C-Side		· · · ·				
Upper Trim	Wood	NA				
Windows Above 5'	Wood	NA				
C Door	Wood	3.2				
C Door Jamb	Wood	NA				
Exterior D-Side		·				
Upper Trim	Wood	NA				
Windows Above 5'	Wood	NA				
Garage Exterior	•	I				
B Siding	Wood	2.1				
C Siding	Wood	2.1				
D Siding	Wood	5.1				
A Upper Trim	Wood	NA				
B Upper Trim	Wood	NA				
C Upper Trim	Wood	NA				
D Upper Trim	Wood	NA				

• Dangerous level of lead by XRF is equal to or greater than 1.0 mg/cm<sup>2</sup>

•  $mg/cm^2 = milligrams$  of lead per square centimeter of sampled surface area.

• NA = not able to test, assume positive

Location/Component	Substrate	Results (mg/cm <sup>2</sup> )
B Foundation	Brick	2.1
C Foundation	Brick	1.8
D Foundation	Brick	3.2
A Door Jamb	Wood	1.2

- Dangerous level of lead by XRF is equal to or greater than 1.0 mg/cm<sup>2</sup>
- $mg/cm^2 = milligrams$  of lead per square centimeter of sampled surface area.
- NA = not able to test, assume positive

Lead Inspection / Risk Assessment Report



# MEL BLACKMAN

MASTER LEAD INSPECTOR

P.O. BOX 358 - STONE PHONE / FAX 781	HAM, MA. 02180	·· · ·
St.# Street Name	Street Type	Unit
920 MAIN	ST	*****
	Num	ber of Rooms in Unit 9
Owner Name: U.S. Government	Prog	erty Type:
Owner Address: 917 Main St., Vineyard Haven, MA 0256	Sing	le Family
Contact Information: Tel # Email:	Mult	I Family # Units
Client Name (if different from owner): H&S Environmental Inc.	(508-366-7442) Con	dominium # Units
Olient Addresse: 160 E. Main St. Wasthermuch MA 01581	Day	Care Other:
Client Address: 100 E. Main SL., Westbordden, MA 01381		
Key: <u>Delead Coulom</u> Key: <u>Delead R. Methal Coulon</u> COV Covered CAP Capped SCR	Scraped Finished	Space in Basement ? Yes of No }
VE Vinyl Beseboard COV Covered DIP MET Metal ENC Encapsulated REM	Removed	
VR Vinyl Rep. Window Mi Made Infact REP MR Metal Rep. Window PRE Prevaled for Enc. REV	Replaced Testing Reversed NasS Evo D	Method Used:
NA Not Accessible VR/MR Vinyl/Metal Rep Window INT	Intact X-Ray Fluor	escence
The Tile (festing suggested) Component Does not Exist	Model XLp30	<u>3A</u> Serial # <u>24687</u>
Comments/Notes BASEMENT INCLUDED	<u>et owners ke</u>	QUEST
		an an an an an an an an an an an an an a
้แนนแหน่งแม่มูกต่างการและเอาหนึ่งในสองของอาการแนนแหน่งแนนการและการและการและการการการการการการการการการการการการ		
Floors (this is the level within building of unit being inspected) Floors		Property Diagram/ Unit Labels
C		$\sim$
Renk i Liui Liunidi i		
COELUS HALL COM DATE		
	D D	
CHERREN THREE B		
U A A A A A A A A A A A A A A A A A A A		
HH-H-H-H-H-H-H-H-H-H-H-H-H-H-H-H-H-H-H		e Lui Ci S
Rest		FAXES
# T FRahm A MARCAN		1 Larie 1
Percen Star		
A (Street Side)	treet Side)	A (Street Side)
Pb (lead) equal to or greater than 1.0 mg/cm <sup>2</sup> with x-ray	fjoorescence or positive with N	<sup>a2</sup> S is Dangerous.
VPE Collibration Recorded in Lon Book	Check off where	i comilele
Address verified through USPS	<ul> <li>Check off where</li> </ul>	i complete
Research on Lead-Related History for Address	✓ -Check off where	complete
www.state.ma.us/dah/clppp or \$00-532-9371	(b)(6) &	(b)(7)(C)
Inspector Name David Pesce Lic #	<sup>(V)(C)</sup> Signature	Date 09-20-2012
LTRA Rey 8/11		

920 Main St. Apt	City City
INSPECTION HISTORY	INTERIM CONTROL
Y         Inspector Name:         Lice           Lead Hazarda?         N         Signature	Ureant Pb. Hazarisi N Signatura
$ \begin{array}{c} \hline \begin{array}{c} \hline \\ \hline \\ \hline \\ \hline \\ \hline \\ \hline \\ \hline \\ \hline \\ \hline \\ \hline $	Drist Taken for Nek     P     R.A. Name;Lin#       Assessment     F     Signature
Lead Hazards?     LN       Comp Initial     Inapector Name:	Visual Possion of Reinspection for Intesin Control F R.A. Norme:Uo#
Less Hazarda?	Dust Date: Training P R.A. Name:Lic#
Addendam (add-on inspector Name:Uc4 to Initial Inspector) Y Signature	F Signature
Last Henric?     N       Addendem as Full     Y       Inspector Name:     Lick	Visual Pertion for Reinspection for Interim Control F Signature F
Usic Incongentary Instrumentary	Dust Taket for Nic     P     RA Name
Signature	Risk Assessment Recertification
REINSPECTION HISTORY Vitual Portion OI Reock Reinspection	Urzent Pb Erzeits? N Signature
Visual Portion of         P         increasing Name         Light	- Dust Takes for RA. Recertification F Signature
Rect: Reinsection F Signature	POST COMPLIANCE ASSESSMENT DETERMINATIONS
Linefi Taken tai         P         Inspector Name:	- Lead Barreds?
Dust Takes for Record Reinspector     P     Inspector Name:	- Full Emperion Accingui RCAD - Lio#Lio#Lio#
Visual Portion of Pinal Beinspection P Inspector Name. 130#	Land Harzeds?         IV         Signature           Visual Position of         P         Inspector Name;
Visual Portion of P Inspector NameLic#	
F Signature	Dust Taken for P Inspector Name:Lice
Bust Taken by Fans Reinap (NoRect) F Signature	Dust Taken for PCAD Baimpedin P Inspector Name:Lic#
Dust Liker for Formal     P     Inspector Name     Lic#       Reimsp. (Nd Reder.)     F     Signature	[F] signaturs

920 Main St.	Apt Vineyard Haven, MA 02568 Page S of 27
REOCCUPANCY CERTIFICATE HISTORY         Certificate of Reoccupancy       Inspector Name:Lic#         Only after High: Mod Risk (# room: nile)       Signature	COMPLIANCE HISTORY (CONT.)         Certificate of         Maintzined         Compliance         No Work=No Dust         Work = 7 Dust
Certificate of Reaccupancy       Inspector Name:	Camificate of Restored Compliance Dust where and anth people
Certificate of Reorcupancy       inspector Name:Lic#         Certificate of Reorcupancy       Signature         Only after High Mod Risk (# rooms cale)       Signature	Certificate of Maintained Inspector Name:Lic# Compliance Signalure No Work=No Dust Work = 7 Dust
COMPLIANCE HISTORY         Letter of Full Initial         Compliance         Inspector Name:         No prior history/         No sime of UD	Certificate of Restored Inspector Name:Lic# Compliance Signature Dust wher and arth people
Letter of Interim Control     Inspector Name:     Lis#       No prior Comp. Expires in 1 vs     Signatures	OTHER HISTORY: WAIVERS/UD/EPA RRP
Recentification of       Inspector Name:Lio#         Inspector Name:Lio#       Signature         Expires 2 yzs from offenal Interim       Signature         Control       Signature	Approved     CLPPP Waiver     GLPPP Insp. Name:, Lic#       I     I     I       Attach to Comp     Dacs
Letter of Full     Deleading     hepselor Nams:	UD / DES Visual     Inspector Name:Uc#       Reinspection     Inspector Name:Uc#       No LOC Issued     F
Cartificate of       Maintained       Inspector Name:	UD ( DES Visual Reinspection     Inspector Name:Lic#       No LOC Issued     F
Certificate of     Restored       Compliance     Inspector Name;Lic#       Dust wiper end anh     Signature	

### EXPLANATION OF LEAD INSPECTION / RISK ASSESSMENT REPORT FORM COLUMNS

Page 4 of 27

This page provides general information needed to understand the lead inspection/risk assessment report. However, you should speak with the inspector/risk assessor before you start to do any work on your home.

Refers to A, B, C, or D side of the building or room. See the diagram on the cover sheet. The "A" side of the SIDE building or room is the side facing the street that gives the property its address (usually, it is the front of the building). Keeping your back to this street, from the "A" side move clockwise to the "B" side on your left, the "C" side opposite you, and the "D" side to the right. Numbering is from left to right.

Refers to the building component(s) being tested. Some surfaces may be made up of more than one part. For LOCATION/ example, "Baseboard" may refer to four separate pieces of wood (one on each wall), but is still considered one surface. SURFACE

#### LEAD

The actual lead result. Each surface tested must have a result recorded in the "Lead" column.

- A number shows that the surface was tested with an XRF analyzer. A number (or average number) equal to or greater than 1.0  $mg/cm^2$  is a dangerous level of lead.
- A "pos" or "neg" shows that the surface was tested with sodium sulfide. "Pos" means that there is a dangerous level of lead.
- "N/A" means that the inspector was not able to test the surface. Unless the owner can get a sample to test, the inspector must assume the surface contains lead and require it to be deleaded, if necessary.
- "MET" or "MR" means that a metal surface was not tested and only needs to be intact, even if it is a leaded surface. However, metal handrails, metal window sills, and metal railing caps, need to be deleaded if they test equal to or greater than 1.0 mg/cm<sup>2</sup>, or is marked "N/A."
- For key to abbreviations like "COV", "VB", "VR" or "MR", "NC", "Tile", "DC", see the cover page.
- When a component box is slashed and there are test results above and below the diagonal line, the result on the "bottom" represents results below 5 ft. and the "top" result indicates the test result above 5 ft.

TYPE OF HAZARD Not all lead paint must be deleaded. This column tells you IF and WHY a surface needs deleading. The deleading standards below may not apply for Interim Controls. Speak to your risk assessor for more information.

- "M/I" circled means that the surface is a moveable/impacted surface and must be deleaded in its entirety.
- "SF" circled indicates that there is a storm frame present which requires the blind stop and exterior sill be deleaded as interior moveable / impacted surfaces.
- "A/M" circled means that the surface is "accessible mouthable" and must be deleaded to a minimum of five feet high, four inches in from the edge or corner.
- "L" circled means that the surface is loose and must, at minimum, be made intact.
- If more than one choice is circled, the rules for deleading may change depending upon what method of deleading you choose. Speak to the inspector for more information.
- "N/A" means the inspector was unable to determine if the surface was a lead hazard. The person doing the deleading must check this surface and follow all the rules for deleading. Speak to the inspector for more information.
- If nothing is circled in the column, then it is likely the surface does not need deleading. Speak to the inspector for more information. Remember, this does not mean the entire surface is lead free, it just does not require deleading in its current condition.
- URG HAZ? This column is only completed during a risk assessment. A risk assessment is an evaluation of a home's suitability for Interim Control. Only a licensed risk assessor can do a risk assessment, not all inspectors are risk assessors. If "Y" is circled, then this surface is considered an "Urgent Lead Hazard" and some type of deleading work is required to qualify for Interim Control.
- The date the licensed risk assessor determines the surface meets the standards for Interim Control. IC DATE
- The deleading method or structural repair done to qualify the surface for Interim Control. Refer to the deleading IC METH codes key on the cover page.
- The date that the lead inspector reinspects the surface and finds that it has been successfully brought back into DELEAD DATE compliance.
- The method used to bring a surface into full compliance. Refer to codes in the Key on the cover page of the PCAD DELEAD METH

EXCLUDED The amount of loose paint on a surface as measured by the lead inspector. "N/A" means that the inspector was not SURFACES able to measure the loose paint, but has determined it is more than the cut-off for moderate risk making intact. LIRA Exp. 8/08

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Risk	Assessor (ori	nt)		Lic#		Sign	ature	-			Date						
	Address of	Propel	rty: 920	Main S	Щ.	-		Apt#:	<b>AAAA</b>	\$4	City:	Vineyard Have	n, MA	02568			
~ R	DOM#		(PAGE )	96	5)												
SIDE	LOCATION	LEAD	TYPE OF	URG	IC	IC	DELEAD	DELEAD	SIDE	LOCATION	LEAD	TYPE OF	URG	ĸ	IC	DELEAD	DELEAD
	SURFACE		HAZARD	HÁZ?	DATE	METH	DATE	METH		SURFACE		HAZARD	HAZ?	DATE	METH	DATE	METH
A 8	Up Wális	Ó.S.	AM L NA	Ϋ́					$(\tilde{A})$	Window Sill	6,24	MA AM L N/A	Ϋ́				
A B	Low Wells		AM L NA	Y					в	Wia Aproa	2.1	AM L N/A	Ϋ́				
A B	Deachards	a t	4111 j LNA		:					Min Cacina	13 mm	Ama y nita	v				
<u>0 3</u> 8 6	Bassocaros	11.40	Ann Linus							TAUX COSTU	3.20		1 20				
<u>c a</u>	Chair Rail		AM L NA	Y					1	Header Stop +	1603	GAL AM L NA	۳ 				
<u>69</u>	Radiator	9.28	AM L N/A	Y		<u> </u>			6	Inf Stops (1)	29	MI AND I NIA	Y				
	Fleor	Ø.0%	A/M L N/A	Y		ļ			U	Win Int Sash	0.00	MI AM L NA	Ŷ				
in Seat	Ceiing	0.03	AM L NA	¥					2	Exterior Sill	1.1	MIP ET, LNA	Ŷ				
AB	Door		AM L NA	Y					3	Pari Bead	600	MA L NA	Y				
16jo	Door Casing	1.5	antà L. N/A	Y					4	Blind Stop	<u>h</u> L	MAD ED L NIA	¥				
12	Door Jamp	4,1	ABA NA	Y						VVIN EXT Sash	8.Q0	MI LNA	Y				
34	Threshold	000	AM L NA	ų Y					Ň	WINDOW SIL	0.24	MA AMA L N/A	X .		ļ		
AB	Boor		AM L N/A	Y					B	Win Apron	6-1	AM L N/A			<u> </u>		-
CU	Door Casing	1,4	AM L NA	u ¥		<b> </b>			5	Win Caseig	05	A/M L N/A					
12	Door Janib	0.5	A/M L N/A	¥ v					1	riesder Stop	K	LANG AND L NA	3				
24	FORESTROND	10.000	25/101 L 39/2							HIGORDEC, J	1 mil	THE LAR LARA					
AD en	Door Cooling		AVM L N/A						00	WIR IR Odsa		THIN FOR L HAM			Į	-	
	Door Casing		ARA L PRP			<u> </u>			Ϋ́	CARENT DIF	1.0	NAT 1 ADS	v V		ł		
34	Ennocheski	/	AGX 1 516						4	Rind Stop		MAD (SA L N/A					
TAR	Doar	<del>۲</del>	AM I NG							Win Ext Sash	1440	MEL N/A	Γ <sub>γ</sub>		1		
lon	Door Casino	+	AALE NO	Y					A	Window Sil	er la	MIT AILS I. N/A	Ϋ́				
12	Door Jamb		AMI NB	Y				-	6	Win Apron	O.K.	A/M L N/A	Ι γ				
34	Threshold	/	AM L NH	ι. Υ					6	Win Casing	L.	AM L NA	Γ <u>γ</u>	1	1		
A	Ciase! Door		AM L NK	Y		1			D	Header Stool	12	MI AM L N/A	Y		t		
B	CI Casing	f	AMLNA	Y		<u>†</u>				Int Slops (1)	1X	I WA GAD L NA	Ť		İ —		
C	Closet Jamb	tt.	AML NV	Y		1			1	Win Int Sash	0.00	MA AM L NA	Y		1		
D	Close(Walls	1 T	AM L N/A	Y		1			2	Extorior Sil	0.21	MA SF L NA	Y	1	t		
	CI Baseboard	T	AM L NØ	Υ					3	Part Bead	0.00	MA LNA	¥				
1	Closet Pole		AM L NA	Y			1		4	Blind Stop	3-24	MA SF L N/A	Ŷ				
2	Closet Shelf		AM L N/A	Y Y						Win Ext Sash	0.03	MA LINIA	Ŷ				
3	Ci Supports		AMI NR	ι ¥					АB	Fireplace	$\mathbb{Z}$	AM L N/A	Y				
4	Closet Floor	$\Pi$	A/M L N/A	¥					CD	Manue	$V_{-}$	A/M L N/A	Y				
		17	AM L NG	ίγ		-			AB	Win Above 5		AM L N/A	Y.				
COM	STRINE STRIN	V CTURA	DEEECIS	1	1	<u>.</u>	1	1	00	Ceilina Moldin		AM L N/A	Y	1	1		·····
1	) OLDER	. L	18 B1 F.s.	<del>-</del>	20 675		6.25				1/	AMA L. N/A	1 v	1	1		·····
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EXCLUDED SURFACES: Surfaces listed in these boxes									can bi	e made inlac	Conly	by a licensed de	lead	er.			
SIDE	LOCATIC	ж	MEASURE:	LOOSE	PAINT		16	16.	SIDE LOCATION MEASURE: LOOSE PAINT			PAINT		ic i	IC		
1			(MORE THAN 268 SQ. IN.) DATE				METHOD		(MORE THAN 288 SO.			(0. IN.)		DATE	METHOD		
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Davi	d Pesce			(	b)(6	) & (	b)(7	)(C)									
Risk	Assessor (pri	nt)		Lic#		Sign	ature					Date					
	Address of I	Prope	rty: 920 M	Main S	SE.			Apt #	ሰሰአለ	ΔÅ.	Cily:	Vineyard Have	n, MA	02568			
R	00M#	(	SPTWUE O	<b></b>	(PAG	e. 2	ac 2	5								•	
SIDE	LOCATION	LEAD	TYPE OF	URG	IC	.jC	DELEAD	DELEAD	SIDE	LOCATION	LEAD	TYPE OF	URG	Ю	١C	DELEAD	DELEAD
	SURFACE		HAZARD	HAZ?	DATE	METH	DATE	METH		SURFACE		HAZARD	HAZ?	DATE	METH	DATE	METH
AB	i la Walls	7	ARA I NIA	Y					Ã	Window Sill	0.00	MA AMALINIA	Ϋ́				
C O X B	Laure Handler	$\vdash$	A (8.4 ) 6426						R	láko Anena	15 k.1	6/5.4 1 6/26	v				
	risa arque	7	munas s. mart	*						THREE SQUEEN		18998 £ 19987					
<u>c p</u>	Baseboards	$  \downarrow$	AM L NA	Y.				-11-1 - 11-11-	C C	Win Casing	D.oj	AM L N/A	Ŷ	·····			
C D	Chair Rail		ARIL NA	Y'					P	Header Stop <sup>23</sup>	3031	MAL AAN L N/A	Y			<u> </u>	······
A8 .CD	Radiator	1	AM L NA	Y						Int Stops ()	26	MA (CAR) L NBA	X				
	Floor	1	atti L Nia	Ŷ					1	Win Int Sash	040	MA AMI LINIA	Y				
1950 - C	Ceiling	7	aim l nia	¥ .					2	Exterior Sill	0,4	MI SF LNIA	Y				
AB	Doot	i	AM L N/A	Y.					3	Part Bead	Cord	M/I LN/A	Ý				
CD	Door Casing	1	am l hia	¥					4	Blind Stop	0.4	M/I SF L N/A	Y	:			·
12	Door Jarob	1	am l nya	¥.						Win Ext Sash	0,01	MAI LIN/A	Y				
34	Threshold	1	Z AM L NA	Y					A	Window SBI	17	mi am l'nha	Ý				
AB	Doer		AIM L NIA	3					B	Win Apton		AM L N/A	Y				
CD	Door Casing		AM L NA	Y					C	Win Casing		AM L N/A	Y		[		
12	Door Jamb	1	AM L NA	Y	-				D	Header Stop		NU AM L NA	Y			_	
34	Threshold	1	/ AMILINA	Y						Int Stops		MA AM L NA	Y.		L		
AB	Deor	[]	AM L NVA	Y					1	Win Int Sash	<b>   </b>	MA AM L N/A	Y		ļ	ļ	
C D	Door Casing	1	aim l'nia	¥.					2	Exterior Sill	╞╌╢╴	M/I SF L N/A	Y	ļ			
12	Door Jamb	$\downarrow$	am l n/a	Y		÷	<u> </u>		3	Part Bead		MA LIN/A	Υ				
***	Tixeshold	<u> </u>	/ AM L NA	Ŷ					4	Blind Stop	<u> /</u>	MA SF L N/A	Y	<b>_</b>			
Ab	Ooor		AM L NA	Ŷ					<b> </b>	Win Ext Sash	¥,	MA LN/A	1 Y	ļ	1		
	Door Casing	$\vdash$	AM L N/A	1 Y				ļ	A	Window Sill		MI AM L NA	1 Y	Į	1	-	:
12	Opor Jamb	H	AM L NA	Y.					0	Win Aprov		A/M L N/A	1 V	[		-	
34	DURSHON .	<u> </u>	AM L NA						L V	Ivain Gasing		ANN LOPEN		ļ			
	Closer Door	+	AIM L NIA	<u>x</u>	aniailallalidina mala	<u></u>			μ	rieader stop		1901 AURI L 1974			ł	<u> </u>	
	CLASSING	╟╋	19281 L 1929			1		<b> </b>	,	HALLOWERS	+	ARE ARE ENDA			<u> </u>		l
1 ñ	Closed Minhe	$\mathbb{H}$	AMA I NOA				ļ		5	Gytorian Cill	╞	HAN OF I WAA				1	· .
	Ci Racehinant		AMA C NYA	Ý		ļ			3	Parl Read	++	MA LINA	Y		<u> </u>	+	
1 3	Closent Pible	++	ARA L NEA	Y		<b> </b>			4	Blad Stop	+	MA SE LINA	l y		<u> </u>	+	
2	Closed Shelf	$\vdash$	AM L NA	¥				1		Win Ext Sash	V	MA LINA	Y		1		
3	Ci Supports		ANI NA	Y					AB	Fireplace	17	AM L NA	Y		<u>†</u>	1	l
4	Closet Floor	$\mathbf{H}$	A/M L N/A	Y	<u> </u>		<u> </u>	1	00	Manüe.	1	AM L NUA	Y	1	1	1	<u> </u>
		1/-	A 100 C A 100		<u>}</u>		1		λB		17			1	1	1	
	Closet Cesting	<u> </u>	ARAL N/A	Ŷ		[	1	1	6 D	WIN ADOVE D	$\vdash$	AAA L NAA	$\frac{r}{1}$	<u> </u>	<u> </u>	<u> ·</u>	
COM	MENTS/STRU	CTURA	L DEFECTS			v				a Celling Moldin	۹_/	AMLNA	Y Y		<u> </u>	-	<b> </b>
	U) INNER	£	dok lip	-90.	STOP	s N	E. <del>, ,</del> ,	<b>Co</b>			1/-	AM L NA	Y	<u> </u>	<u> </u>	-	
1	News	R.,	sp	15 }	, 6 <del>4</del> 7)					+	₩	AMS L N/A	<del>ا ب</del>		<u> </u>	·	<u> </u>
L		EV	<u>chunen she</u>	FACE	S Surf	shae llet	od in the	Can h	l A made interi	1 Tooly	I Am L NOP	loade	1. 5r	<u> </u>			
CUTAT	. instation	ы. Ты	MERCHOEN	DART	1000 (iQI)	10 11 110	l Tein	E I I MANES	OM	LIEACHDE-	AUGU	GAINT		iin.	Hes		
SH.M	LOCATI	w14	MENOURE: L	uvot Uviat a	7758901 63 (643		DATE	NETHOD	1 <sup>30</sup>	5 6058 <u>1</u> 9	uqai,	MEMOURE: L	1 22R C	Ci HALL		DATE	METHON
-	1		-2015-04 ( 1990) - 2 ( 1970)	4. 1 <u>. 1</u> . 1. 1.	· ····· •· •· •· •		244,2599	21998 C 1000	╢─			There is a second		renta an ≢ag			PERMIS & Child
Ť						•	ł	-	╟─								<u> </u>
L	<u> </u>		Ł				1	<u>I</u>	I	<u> </u>		<u> </u>				1	1

Davi	d Pesce				(b)(6	6) & (	(b)(7)	(C)				09- 20- 2012			Page	1 of	<u>}</u> †
Inspi	ctor (print)	*******		Lic#		Sign	ature	,				Date					
Davi	d Pesce			(	b)(6	) & (	(b)(7	)(C)									
Risk	Assessor (pri	าปุ่		Lie#		Sign	ature					Dale					
	Address of	Proper	ty: 920 M	Aain S	ŝł.			Apt #:	алаа	<b>VA</b>	City:	Vineyard Have	n, MA	02568			
<u> </u>	DOM # 2																-
SIDE	LOCATION	LEAD	TYPE OF	URG	IC	KC .	DELEAD	DELEAD	SIDE	LOCATION	LEAD	TYPE OF	URG	IC	Ю	DELEAD	DELEAD
	SURFACE		HAZARD	HAZ?	DATE	METH	DATE	Meth		SURFACE		HAZARD	HAZ?	DATE	METH	DĂTE	METH
48	Up Walls (J)	0.00	AM L NA	γ					Α	Window Sil	0.6	mii ana l'Nva	Y				
AS	Low Walls	$\square$	am l Na	Y					В	Win Apron	baq	AM L N/A	¥	:			
人 日 6 ①	Baseboard <sup>(C)</sup>	60	<b>KANA</b>	Y					С	Win Casing	0.01	am í Næ	Y				
A 8 C 0	Chair Rail		am l. Nia	¥					PB,	Header Slop	0,00	MA AM L N/A	¥.				
348 CD	Rediator	6.01	am l n/a	Ŷ						Init Stops (3)	384C	MI WOLLNA	Ÿ				
	Floor	Q.4%	AM L NA	Y			1		1	Win Int Sash	20,ê	MI AIM L NA	Ŷ				
	Celling	10,01	AM L N/A	Y					2	Exterior Sill	1,1	NY SE LNA	Y				
AB	Dioor i	5.05	AM L NA	Y			Ī		3	Pari Bead	Cov	MIT L. N/A	Y				
CD	Door Casing	0.co	am l nia	Ÿ			-		4	Blind Stop	1,2	N) (SE L NA	Y				
12	Door Jamh	0.00	AM L NA	Y			1			Win Ext Sash	a.a.s	MA LNA	Y				
34	Thresticid	0.31	AM L NA	Y			1	. 1	A	Window Stil	7	MA AM L N/A	Ϋ́			1	
AB	Door	S.m.	AM L NIA	Y			1		в	Win Apron	ff	A/M L N/A	Y				
lan	Onor Casino	2.6	AM I NA	¥			<u> </u>	····	C	Win Casing	$\mathbf{H}$	A/M L N/A	Ŷ				
32	Deine Jamb	0.4	AN LINK	Y			1	·ii	D	Header Stop	++	MA AM L NA	Y				
34	Threshold	0.00	AM L NA	Y	·					la: Stops		MA AM L NIA	Ŷ				
AB	Dogr	1.92	GAN L NHA	Y			1		1	Win Int Sash		MA AM L NA	Ŷ				
ĈD	Door Casing	26	ENAL NIA	Y			1		2	Exterior Sill	$\mathbf{T}$	MA SF L NA	Ŷ			:	
P12	Door Jamb	ki U	AM DANIA	Y			1		3	Part Bead	$\mathbf{t}\mathbf{t}$	MA L NA	γ				
34	Threshold		AMI, NA	Y	<u> </u>				4	Blind Slop	17	MA SF L NIA	Y			1	
AB	Door	ļ,	AM L N/A	Y						Win Ext Sash	17	MA LINA	Y				
CD	Door Casing	$\uparrow$	AM L NUA	Ý					A	Window Sill	Ť,	ini am l nia	Y I			ľ	
12	Door Jamb	$ \mathcal{T} $	ANN L NIA	¥	[	<b></b>			B	Win Apron	17	.A/M I. N/A	Y			1	
34	Threshold	1	AM L N/A	Y	<u>}:</u>	<u> </u>	1		C	Win Casing	ΤŤ	A/M L N/A	Υ			1	
A	Closet Door	1.2	G) WAR N/A	Y	1	1	1		D	Header Stop		MA AM LINA	Y		İ	1	
B	CI Casing	$\mathbf{>}$	AML NA	Υ			1	1		Int Stops	$\mathbf{T}$	NA AM L NA	Y			· · ·	
0	Closet Jamb	4,4	ANNE WA	İγ.			1		1	Win Int Sash	ΤŤ	MA AM L NA	Y				
D	Closal Walls	15.1	AM L NIA	Τ <sub>Υ</sub>	1	1	1		2	Exterior Silt	$\mathbf{t}$	MI SF L NA	Y				
	Cl Baseboard	24.2	AMONIA	Y	1	1	-		3	Part Bead	17	MUI LINVA	۲			1	
	Oloset Pole		AM L N/A	Y	1		1		4	Blind Glop	17	MA SF L NA	Y			1	
10	Closet Shelf	5.1	A/M L N/A	8	l'					Win Ext Sash	7	MJ LIN/A	Y			1	
3	O' Supports	0.23	AM L N/A	Y	1	-			AB	Fireplace	17	AM L N/A	Y		1	1	
4	Closet Floor	6.03	AM L N/A	Y	1		1		GD	Manfe	17	AM L NA	8				
	An in An Italia	42	A Truce						6A	THE ALLON TH	17	· · · · · · · ·				1	
_	Closet Celling	<u>ج</u> بور ا	AMEJINA	ŢΥ	<u> </u>		1	I	CQ.	WIG ADOVE 5		A/M L N/A	1 1				
COW:	AENTS (STRU	CTURAL	L DEFECTS:	ί ±		k				Celling Moldin	٩	AM L NA	Y	<b></b>	<u> </u>	<u> </u>	
ι ų	is track	5 30	valus bel	n engl	Shad	349 C K	= Z.	•	<u> </u>	PIRES	0,14	AM L NIA	Y		<u> </u>	<u> </u>	
10	1 90F (	e 904	(th)	· Å	3) JAPP	ar IL-au	ur das	8°5		1	$+ \neq$	AM L N/A	Y			<u> </u>	<b>.</b>
L		EV		EACT	C. C. 4	anna Bri	ad in the			K	ANT L NA	Y	<u> </u>	1	1		
EXCLUDED SURFACES: Surfaces listed in these boxes											i oniy i	iy a iluerised of	ueaue	16. A 1 12.02		<b>1</b>	<b>1</b>
SIDE	LOCATIO	AN.	MEASURE: 1	.OOSE	PAINT		IG	10	SIDE	LOCAT	ON.	MEASURE: L	OOSE	PAINT			IC.
			(MORE THAI	¥ 288 S	sq. IN.)		DATE	METHOD				IMORE THAN	1288 \$	ų nj		UATE	METHOD
۲	[						1			<u> </u>							ļ
L	L		L				1	<u>.</u>	I	<u> </u>	a .2	<u>l</u>				<u> </u>	L
	(3)	1	NNEL L	1.P.I	EDG-G	N &	- 7 K	A NEL	in the	> ~ 0.05	15	LEAD					

Davi	d Pesce				(b)(6	5) & (	b)(7)	(C)				09-20-2012			Paga	8_01	<u></u>
Inspe	ctor (prini)			Lic#		Sigo	ature					Date					
Davi	d Pesce				(b)(6	i) & (	b)(7)	(C)									
Risk	Assessor (pri	1()		Lic #		Sign	ature					Dale					
	Address of	Proper	ty: 920 N	tain S	X.			Apt #:	ሰለልለሳ	Χ	City:	Vineyard Have	n, MA	02568			
R	20M #								·		,						
SIDE	LOCATION	LEAD	type of	URG	iC.	IC	DELEAD	DELEAD	SIDE	LOCATION	LËAD	TYPE OF	URĢ	Ю	IC I	DELEAD	DELEAD
	SURFACE		HAZARD	HAZ7	DATE	METH	DATE	METH	$\sim$	SURFACE		HAZARD	HAZ?	DATE	METH	DATE	METH
23	Up Walk (1)	84	AMIL N/A	Ý					A)	Window Sill	2:66	mài) 🚳 l Na	Ý				[
AB	Low-Walls		AM L N/A	Y.					B	Win Apron	2.4	A L NA	Y.				
A B	(2) Racobrazie	18.2	FARAI NUA	Ŷ					С	Win Casing	24	AND L N/A	Y				
C D. A B	Phoir Dail		AAAI NIA	v					Π	Header Sing	BY-	MI ANT I NPA	γ				
C D A	saendin fysgin.		VIGIT 164	+		<u> </u>				CARLES							
60	Radiator	D.01	AM L NA	X					0	IN Slope LLI	600	MI RMALINA					
1.4	Floor	0.00	AM L N/A	¥					V2	VVIII INL-5880	1940 141	WAL AND LINA					
	Ceiling	<u>N-1</u>	(And China	۹ عنا					2	CAUGINA OR	6.1	AND I WA					
25	Soor	0.05	AIM L N/A	Ŷ						Man beau	Cox	1216 L 1864 1200 Oct 1 1864					
R.	Door Casing	2.6	AM L N/A			<u> </u>				Win Ext Sach	1999 (M)						
2	COULT SUBS	10	ADA I AUA	*		<u> </u>			2	SAGARINA CD	2. 2. ) 	THE LEASE I WA	V				
13.4	LARESDERI	K	A0141 L 19394			1			Nº.	SALIN A NUMB	12 14		v				
A D	0001	<u>₽</u> °	ANN L SUA						C	Min Coeinn.	2.4		v		· · · ·		
120	EXOOL: C6507g	1. 2	67019 L 3428				<u> </u>		- n	Vini Gaong	121	MAL AM L NA	Y	!		·	
16	Threaderlif		ASIN L. 1969 5383 L. 1976	Y						int Stops (2)	19/	MA ANY LINA	Y				
AD	TIBURIDIS Photos	K-	5354 L MUA			<u> </u>			4	Win Int Sash	0.51	MII AAX L NIIA	Y				
n n	Door Coting		And L North				· · · · ·		$\hat{l_2}$	Exterior Sil	2.1	MA) (ST L NA	Y		1		
Γ.,	DAAR LARSING	1/	6.664 1 1676			+			ΙŞ	Part Bead	Con.	MAR L NVA	N N				
34	Threshold	1	AMIL NA	1 v		+			4	Blind Stop	12.7	M) OF LNA	Y				
AB	Door	17	AM L N/A	Y Y	1	1				Win Ext Sash	0.03	MUL L NA	Y I				
CD	Door Casino	1	A/M L N/A	TY					A	Window Sill	T7	MA AM L NA	Y	1			
12	Door Jamb	1	AM L NA	Ŷ		1			в	Win Apron	17	AM L NA	Y		1		
34	Threshold	1	AM L N/A	Ŷ	1				C	Win Casing	T	AM L NA	Y				
A	Closet Door	0.51	AM L NA	Y		1	1		D	Header Stop	1	MA AM L NA	Y				
8	CI Caising	3.1	(AM) L N/A	Y						int Slops		MA AM L NA	Y Y				
6)	Closet Jamb	0.14	AM L NA	Y			:		1	Win Int Sash		MA AM L NO	Y:				:
Д	Closet Walls	R. K	AM L NA	Ŷ					2	Exterior Sill		MI SF L NU	ξ Y		<u> </u>		
	CI Baseboard	14.3	AM L NA	Y	1				3	Parl Bead		14/1 L N//	X Y	<u> </u>			
10	Closel Pole	0.00	A/M L NIA	Y					4	Blind Stop	<u> </u>	MI SF L N//	<u> </u>		ļ		
ĮΖ	Closet Shelf	Q.44+	AME NA	Y						Win Ext Sash	1	MI LNO	¥ Y	<u> </u>	<u></u>		
3	Ci Supports	2.20	<b>W</b> L NA	Y	Į	ļ	1		AB	Fireplace	$\downarrow \checkmark$	AM. L. NO	<u>Y</u>	<u> </u>	<u></u>		
: 4	Closel Floor	فيمو فل	AM L NA	Y				[	CD	Mantie	Ľ	A/R L N/	<u> </u>		ļ		
	Closet Celling	14.4	AML NU	Y					48 CO	Win Above 5'		AM L N#	4 Y				
CON	MENTS/STRU	ICTURA	L DEFECTS:					<u></u>		Ceiling Moldin	17	A/M L NA	A Y				
	(1) C	nc ole		I C	<l\₽< td=""><td>18.2</td><td>OD LNO</td><td>A Y</td><td></td><td></td><td></td><td></td></l\₽<>	18.2	OD LNO	A Y									
	(2) where he went on we are crars is ceal									Sugaro	0.4	AMLN	A Y	1			
(L) INNER LIP NEXT TO NEVER STOLED										]		AM L N	A Y				
EXCLUDED SURFACES: Surfaces listed in these boxes								can b	e made intac	t only	by a licensed d	elead	er.				
3ID	LOCAT	ATION MEASURE: LOOSE PAINT				ic.	IC	SID	LOCAT	ION	MEASURE: LOOSE PAINT				IÇ.	iÇ.	
1			(MORE THAN 288 SQ. IN.) DATE				METHOD		(MORE THAN 28			N 288 S	5Q. IN.)		DATE	METHOD	
Sec. al								1		[						<u> </u>	
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Inspector (print)



09- 20- 2012 Date Pup 9 oft

Davi	d Pesce				(b)(6	) & (	b)(7)	(C)									
Risk	Assessor (prin	ţte		Lic#		Sign	alure					Dale					
_	Address of I	Proper	rty: 920 N	dain S	X,			Apt#:	AAAA!	1A	City:	Vineyard Have	n, MA	02568		•	
R	00M# <u>-</u> 9						<del></del>				-					,	
SIDE	LOCATION	LEAD	TYPE OF	URG	IC	10	DELEAD	DELEAD	SIDE	LOCATION	LEAD	TYPE OF	URG	1C	IC	DELEAD	DELEAD
L	SURFACE		HAZARD	HAZ?	DATE	METH	DATE	METH		SURFACE		AZARD	HAZ?	DATE	METH	DATE	METH
A 9 R D	Up Walls	ોઝલ્પ	ANNE WIA	Y					A	Window Sill	2.4	MY AN L NA	Y				
A 9 C 0	Low Walls		am l na	Ŷ					B	Win Apron	0,4	am l nia	Ϋ́				
A 8 6 9	Baseboards	F3, 1	<b>WASNIA</b>	Ŷ					C	Win Casing	2.5	M 1 NA	Y				
A 8 6 0	Chair Ráil		am l. N/A	¥					D	Header Stop	375	MA AM LINA	Y				
100	Recietor	5.29	AM L N/A	Y						Int Stops (1)	3%	MA (AM) L NVA	Ŷ				
	Floor	9	JE L NVA	Y					1	Win Int Sash	200	MA AM L NA	Ŷ				
	Celling	વપ	ann e nia	¥.					2	Exterior Sill	1.1	MA (SE I NA	Y				
AB	Door	وتدل	AM L NA	Y					3	Part Bead	Çav	MA LINA	Y				
δD	Door Casing	4L 2	(ATR) I, NIA	Y					4	Bluid Stop	1.6	MA GE L N/A	Y				
12	Door Jamb	1.5	MDL NA	Ŷ						Win Ext Sash	G. 33	MA LNÁA	¥				
34	Threshold		am l na	Y.					A	Window Sill	1	MA AM L NA	Ϋ́				
AB	Dooir (	LoJ.	AM L NA	Y					Β.	Wia Apron	1	AM L N/A	Ŷ				
C(0	Door Casing	4.2	(A)) L N/A	Y					е	Win Casing		AM L N/A	Ŷ				
12	Door Jamb	1,9	(Alyf L NIA	Y					D	Header Slop	TT	MAI ABN L NAA	Y				
34	Threshold		A/M L N/A	Y					1	Int Stops	T	MI AM L NA	Ψ.				
AB	Daar		AM L NA	Y			1		1	Win Ini Sesh	T	MA AM L NIA	Y.				
CD	Door-Casing	1	AM L NA	Y			]		2	Exterior Sill	TT.	MA SF L N/A	Y				
12	Döör Jamb	17	AM L NIA	Y		·			3	Part:Bead	$\overline{1}$	MA L.NA	Y.	·			
	Treshold	1	, AMIL NIA	Y		-			4	Blind Stop	$\overline{17}$	MA SF L NA	Ŷ				
AB	Déoi		A/N L N/A	Y		[				Win Ext Sash	Y	MA L N/A	Y				
CD	Door Casing	1	A/M L N/A	Y		[			A	Window Sili	17	MI AM L N/A	Y				
12	Door Jamb	17	A/M L N/A	¥	:				В	Win Apron	11	AM L N/A	Y				
34	Threshold	1	AM L NA	Y					0	Win Casing		AM L N/A	Y				
	Closet Door	0,00	A/M L N/A	Y					Ø	Header Stop		MA AM L NA	Y				
B	OI Casing	0.5	AM UNA	Ŷ						Int Stops		MI AM L NA	Y				
C	Closet Jamb	3.2	(ÁM) L N/A	Y					1	Win Int Sash		MI AM L NA	Y				
D	Closet Walls	20	AMDINA	Ŷ					2	Exterior Sill		MILSE L NA	Y.	ĺ			
l .	CI Baseboard	14.3	AM(Ľ)N/A	¥.	:				- 3	Part Bead		Mi LNA	Y			1	
1	Closet Pale	000	ARA L NIA	Y					4	Blind Stop	$\square$	MI SF L NA	Y		<u></u>		
2	Close: Shell	s پې	AM E NA	Ŷ		-				Win Ext Sash	V	MI L'NIA	Y		ļ.		
3	CI Supports	2.0	(AND) NA	Y					AB	Fireplace	1	AM L NA	Y				
4	Gloset Floor	Ros	am l. N/a	Ŷ					¢D	Martle	V	ANN L NA	Y				
	Closet Ceiling	0.02	AM L NA	Y					AB CD	Win Above 5		AM L NA	Y				
GOM	MENTS/STRU	GTURA	L DEFECTS:					•		Celling Moldin	d /	AM L NIA	Y	<u> </u>	1		
	UN IMMER	L 1.1	P VEXT	-ŧ.:	NE	60	STOPS	-			17	AM L NEA	Y	ĺ			
	1				6 T. <b>M</b> W	Eba,	÷		. 9	Walves	The	A GIN L NIA	γ I	1	1	1	
	< a 1	~ 5. 19	S)						ħ	Supports	108	1 EM L NH	Y.	1			
		ΕX	CLUDED SUR	FAC	S: Surfa	aces list	ed in the	se boxes	can be	e made intac	t only	by a licensed d	leade	er.			
SIDE	LOCATIO	ON	MEASURE: I	OOSE	PAINT		IC	10	SIDE	LOCATI	ON	MEASURE:1	COSE	PAINT		10	1Ć
1			(MORE THAI	V 288 S	3Q. (N.)		DATE	METHOD				(MORE THAI	1-286 S	(Q. 11N.)		DATE	METHOD
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Davi	d Pesce				(b)(6	) & (	b)(7)	(C)				q	- 20- 2012			Page	<u>10</u> ~2	<u>}</u>
insp	ector (print)			Lic #		Sign	aturë		_				Dale					
Dav	d Pesce			(	b)(6	) & (	b)(7	)(C)										
sk	Assessor (pri	nf)		Lic #		Sign	ature						Date					
W HALL	Address of	Property	r. 920	, ř	NAW	ST	1	Apt #:			**************************************	City:	VINEHARD	Н	AVEN	MA	02658	
	ROOM	<b>ب</b>	5										-				,,	
SIDE	LOCATION	LEAD	TYPE OF	URG	)iC	ĸ	DELEAD	DELEAD	SI	DΕ	LOCATION	LEAD	TYPE OF	URG	IC	IC	DELEAD	DELEAD
	SURFACE		HAZARD	HAZ?	DATE	METH	DATE	METH			SURFACE		HAZARD	HAZ?	DATE	METH	DATE	METH
A 8	Up Walls	62	AND WA	¥					1	A	Window Sill	Ø.000	Ma AM LINA	¥				
6.4	Low Walls		a/m l. n/a	Y						B	Win Apron	0.4	am l n/a	Y				
Đ	Rocahoome	Ind	GRAN NIA	Y						c I	Win Casing	23	AR L NO	۷				1
A B	Chair Dail	Ê	2011 1075	v					1	)	Header Slop	0.00	MI AM L N/A	Y	· · ·	[		
	Citida Lean		.8986 L 1979)				<u> </u>	. :. :		2	to 2. Or Kingdo	10.00	640 X ## 1 806				<u> </u>	
CD	Radiator	0.10	AM L N/A	Ŷ					Ι.	٢.	Int Stops		MI PINI LORA					
	Floor	1001	AM L NA	Y V				:		2	TYRE III O'DAN Feloring Sill	200	MA SE 1 N/A	Ý		<u> </u>		
13	Cessig.		NM GINA	÷			· · ·			2	Part Read		IMA LINA	÷,		+	11	
κ. Ma	Deve Contine		ARE L 1974							4	Rind Slad	000	MI SF L N/A	τ <u>γ</u>				
- Kao	Door Lesing	NON Mr	ARA I NHA	Y					11		Win Ext Sash	0.02	MAI LINA	Ϋ́				
19.4	Thrachold	뜅	Addit NMA	× ×						A.	Window \$10	F7	MA AM L NA	Y				
H.	Char	1.4	KALL NZA	¥						8	Win Anron	Ħ	AM L NA	Y			1	
han	Door Casing	7 7	ANIL NA	¥.			1			С	Win Casing	Ħ	A/M L N/A	Y		<b>1</b>		
16	Door Jamb	fi,t	AM L NA	Γ <sub>Υ</sub>	1		1			D	Header Stop	Ħ	MA AM LINA	Y		1		
34	Threshold	17	AM L N/A	Y			1				Int Stops	T	NA AM ENIA	Y				
AB	Door	Dusi	AM L NA	Y		1	1		11	1	Win Int Sash		MA AAN L NIA	Y				
100	Door Cesing	<u>h</u> 81	ANG L NIA	Y		1	·			2	Exterior SII		M/I SF L N/A	Y				
12	Door Jamb	bul	AM L N/A	Y						3	Part Bead	1	ma i. Na	Y				
34	Throshold		AME NA	Y						4.	Blind Stop	1	MA SF L NA	Y		4		
A B	Door (2)	MC1	amil nia	Ý					IL.		Win Ext Sash	<u>/</u>	MA LINA	Y	ļ			
<b>b</b> D	Door Casing		AM L NA	Y		ļ		ļ	11	A	Window Sill	/	MI AM L NA	¥.				· · · · ·
C2	Door Jamb	PC.	AM L N/A	<u> </u>			ļ	<u> </u>		8	Win Apron	<u>  (</u>	A/M L N/A	Y	<u> </u>			
34	Threshold	4	AM L NA	Υ.			4		41	ti ∺i	Win Casing	╞╾┠╴	A/M L N/A		l		+	
	Closet Doot, i	10.001	AM L NA	Y Y		ļ			11	U.	Header Stop	+	Ma Asha L Na					
L R	Cl Casing	K	AM L NA	Y	+					4	IIII SIODS	+	1994 ANA L NIP		+	+	+	
୍ବାଡ୍	Closel Jamp	44	ENERT NOA	N V		<u> </u>				3	Fylering Sill	+	MA SE I MA	v v	+			
	CHOSEL WERS	MC-	2400 L 1969 2394 1 1978	V	1		-		11	3	Part Bead	++	MA 1 NU	Υ Y	<u> </u>	<u> </u>	1	
	Closed Dole	+/ $+$	ASII NZ	Y Y	1				11	4	Slind Stop	$\uparrow f$	MI SF L N/	Y	1		1	f
m	Closet Shelf	+/+	AM 1. NO	Y		+		1			Win Ext Sash	$V^{-}$	M/I L N/	Y		1	1	1
19	CI Sunorts	1/	AM L NZ	Y	1		1			Ð	Fireplace	1	AM L NU	¥ Y	1	1		Í
Å	Closet Floor	her.	AIN L NIA	Y	1			1		Ð	Mantle	17	AM L N/	Y	1			1
		Nr.	+ Nig: 1 - Live		+	1		1	11	48	ittin Alman P	17	ARC 1 30	1 .	1		1	1
	United Centry		PRA L IVA		.].	<u> </u>		1	┥┝	CD Refe	Collina Made		5 BEL NO	V.	1	1	-	1
cun (	Microman (1	asarunan. C	wereuss.						IF	<u>}</u>			ABR I NIA	s v	-		-	
		عب سد دلاد]	15 MMM	nna s Sa		X	1.8	2.5-	It	<u>*</u>	APRON 100	1 <u>80</u> 8 2	AM 1 54	V V	+			+
1	<b>3 1</b>	31 (190	~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~	3035	TOF	hole	\$14.87	en/30		A.	Support	6.1	(ARD L NU	X Y	ŀ	1	·	
L		EXC	LUDED SUP	FAC	ES: Sur	aces lis	ted in thi	ese boxes	s car	n be	a made intac	tonly	by a licensed d	elead	er,		1	
sp	LOCAT	ION	MEASURE	LOOSE	PAINT		IC	IC	٦Г	SIDE	LOCAT	ION	MEASURE:	OOSE	PAINT		IC.	IC.
			(MORE THA	N 268	SQ: IN.)		DATE	METHON				-	MORE THA	N 288 (	SQ. IN.)		DATE	METHOD
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Davi	d Pesce				(b)(6	5) & (	b)(7)	(C)				09- 20- 2012			Page	1 or	23-
insp	ector (print)			Lic#		Sign	abure		_			Date					
Davi	d Pesce			(	b)(6	) & (	b)(7	)(C)									
Pisk	Assessor (prin	0		Lic#		Sign	ature					Date					
Mar P	Address of	Property	: 920 N	Aain S	it.			Apt #:	ĂŘÁA.	۸A	City:	Vineyard Have	n, MA	02568		•	
KI	TCHEN				·												
SIDE	LOCATION	LEAD	TYPE OF	URG	IC	1C	DELEAD	DELEAD	SIDE	LOCATION!	LEAD	TYPE OF	URG	10	IC	DELEAD	DELEAD
L	SURFACE		HAZARD	HAZ?	DATE	METH	DATE	METH	L	SURFACE		HAZARD	HAZ7	DATE	Meth	DATE	METH
A B C O	Up Walls (-)	2.90	am l nia	Y					A	Window Sill	Q.ajim	na ani l'na	Ϋ́				
8 A 6 3	Low Walls		am l n/a	¥					(6)	Win Apron	0,00	A/M L N/A	¥				
4 8 C 0	Baseboards	3.00	am l nia	Ŷ					c	Win Casing	0.42	AM L N/A	Y				
Α Ξ. 6 Ο	Chair Rail		AM L N/A	Ý					D	Header Stop	0.00	MI AM L NA	Y				
48 C0	Radiator	0.06	AM-L N/A	·¥						Int Stops	Var	MIT AM L NVA	¥				
	Floor	600	AM L NA	Y					1	Win Int Sash	0.50	M/F A/M L N/A	Y			· · · · ·	
	Ceiling	0,0	AM L NA	Y					2	Exterior Sill	15	MA SP I NIA	Y			******	
ΆB	Door		AM L NA	¥					3	Part Bead	na.	M/I L N/A	Y				
бD	Door Casing	a.a.	AM L NA	Y					4	Blind Stop	26	(MALSP) L N/A	Ÿ				
M2	Door Jamb	1.07	AM L NA	Y.						Win Ext Sash	0.00	MI L N/A	¥				
34	Threshold	Q. yar .	AM L NA	Υ					A	Window Sil	201	MA AM L N/A	Y				
A'B	Door	0 ne	AM L NIA	y.					8	Win Acron	0.00	AM L N/A	Ŷ				
бD	Door Casing	0200	am l n/a	Ŷ		1			6	Win Casing	0.4%	AM L N/A	¥			1	
1(2)	Door Jamb	1.2	(AML NA	-9					D	Header Stop	003	MI AM L NA	Ÿ				
34	Threshold		AM L NA	Y						int Stops	3,63	MA AM L NA	Y				
AB	Doar		AM L N/A	Y					1	Win Int Sesh	e st	MA AM L N/A	Y				
CD	Door Casing	0.00	AM L NA	Y					2	Exterior Silt	1.3.	MASP L NA	·¥.			1	4
12	Door Jamb	1,3	AND NA	Ŷ					3	Part Bead	cav	MA L NA	¥				
r 34	Threshold	0.33	AM L N/A	Y					4	Blind Stop	2.9	MA(SF) L NA	Y			1	
AB	Door	1	AM L N/A	Ϋ́						Win Ext Sash	دنه ۵	MA LN/A	¥				
CO	Door Casing		AM L NA	Y					AB	Up.Cab Frame	0.00	AM L NA	Y				
12	Dovar Jamib	1	am l'nir	Ŷ					CO	Up Cab Door	Ön i	âm l na	Ÿ				
34	Threshold	1	am l Nia	Y						Up Cab Walls	ود ه	a/n l n/a	¥				
A	Closel Door	මළ .	am l'na	¥					12	Up Cab Shivs	0.00	A/M L N/A	Ÿ				
·В	CJ Casing	4.4	🚳 l Nia	Ÿ					34	Supports		AM L N/A	¥				
C	Closel Jamb	1.2	(ai) i nia	¥,						Low Cab Fram	6.03	AM L N/A	Ý	· · ·			
D	Closet Walls	19.6	AM L N/À	Y					AB	Low Cab Door	9-01	ÁM LNA	Y				
	CI Baseboard	155	A/A(L)N/A	Y					cQ	Low Cab Walk	6,00	am l n/a	Ŷ				
	Closel Pole		AIM L. NIA	Y			L			Low Cab Shive	0.33	AM L N/A	Ŷ				
12)	Cicset Shelf	1-3	AND L N/A	Y	-				12	Supports		AM L N/A	Ϋ́				
3	CI Supports	20.8		Y			ļ		3.4	Drawers	0.43	and L Nia	Ŷ				
4	Closet Floor	COV	AM L NA	Υ					69 00	Win Above 5		MA AM L N/A	Ŷ				
	Çloşa; Celling	11.Z	amQna	¥					m.	\$1920J )	1,44	MA AMONIA	¥.				
COM	IENTS / STRUC	CTURAL D	EPECTS:						Į		1	MA AM L N/A	Y				
6	PLAST	Ec a	BANI D	SHCr	lt rai i	2 = 3	0.10		l		1/	MA AM LINA	Ŷ				
			<b>4</b>	· · · 309/8		- ·			<b> </b>	<b> </b>	1/	MA AM L NIA	Y			·	
L		EYO		EACE	S. Curf-	inan lint.	and in three	ois hnoine	L	morta Intern	Y	NA BRODZER P	1 Ionda	L		L	
ann	170.04750		MEXCERC.	ACCE (	O, OURIS	ives lisit		IC DUARS		HIGUE HIGO	winy c	y a nuclised de	10206	uh Kainer		+~	
aus	LOUAIN	NEN .	MODE TUAN	1000 I 1000 0	magyat Órahati		IL IL	NOTLINE	SIUC	LULRII	29.9	MERSUKE: EL	NOSE!	majali n jali		IU DATE	NG NGTUMO
<b></b>		<del></del>	function 1.0 Mill	200 31	સાય, કાય, j		3-95115	NOCK 1 TRUES				INNER COMPANY	-408 3	96 HK)		URIE	NC INCO
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									<b>_</b>								

David	Pesce

David Pesce

™sk Assessor (print)

Inspector (print)



09-20-2012 Date

# (b)(6) & (b)(7

Licf

Signature

алалал

Date City: Vineyard Haven, MA 02568

Sw_1***.	Address of I	Proper	ty: 920 N	fain S	St.			Apt #:	алалы	in	City:	Vineyard Have	n, MA	02568			
8/	ATHROOM #																
SIDE	LOCATION!	LEAD	TYPE OF	URG	<u>i</u> C	Ю	DELEAD	DELEAD	SIDE	LOCATION	LEAD	TYPE OF	URG	IC	KC.	DELEAD	DELEAD
	SURFACE		HAZARD	HAZ?	DATE	MÈTH	DATE	METH		SURFACE		HÀZARD	HAZ?	DATE	METH	DATE	METH
8 B C D	Up Walls ()	10.0	, AM L NA	¥						Low Cab Fram		AM L N/A	Y				
4, 8 C.D	Low Walls		A/M L. N/A	¥					AB.	Low Cab Door		AM L NA	Y				
ABCD	Baseboards	13.8	AM) L NA	Ÿ					СÐ	Low Cab Walls		AM L NIA	¥				
A B C D	Chair Rail		AMM L. NA	Y						Low Cab. Shiva		AM L N/A	Y				
AB CA	Raidiator	baa	aim d' Nia	¥					12	Supports	1	AM L N/A	Ϋ́				
	Floor	ാനം	A/M L N/A	Y					34	Drawers	V	AM L NA	Y				
	Ceiting	3	A/M L N/A	γ	-				A	Window Silt	0.49	MA AM L N/A	Y				
A)B	Door	140	A/M L N/A	Y					В	Wia-Apron	5.cm	AM L N/A	Y				
ĨC D	Door Casino	0.07	AM L NIA	Y					6	Win Cesing	14	AN L NA	Y			-	
12	- Door Jamb	1.3	AN L NA	Y					K	Header Stop	aan	MA AM L NA	Y				
34	Threshold	0.45	AM L NA	Y						Int Stops (2-)	<b>Y</b>	M/ GAN L N/A	¥				
AB	Deer		ANA L NIA	Y			ī		1	Win Int Sash	ban .	MA AMÍLN/A	Y				
CD	Door Casing	1	AM É N/A	Ŷ					2	Exterior SN	217	MA SF L N/A	Y	<u></u>			
12	Soor Janib	1	A/M L NZA	Y					3	Part Bead	C. and	MA LINA	Y		·····		
3.4	Threshold	1	A/M L N/A	Ŷ			<u>.</u>		4	Blind Stop	0.10	MA SF L N/A	Y		·······	· · ·	
A	Oloset Door	1	A/M L N/A	¥				19 - 19 - 1 1		Win Ext Sash	ნ.აგ	Ma LNA	Y				:
8	CI Casing	and in	AM L N/A	Y					se CD	Win Above 5		MA AM L NA	¥.				
r C	Closet Jamb		AM L NA	Y					A.8 00	Ceiling Molding	/	MI AM L NA	۲				
D	Closet Walts		AM L NIA	Y					AB Op	Medicine Cab	ට්.ක	MA AM L NA	Y				
	CI Beseboard		am l n/a	¥					8.6 00	Wall O/C	/	MA AM L NA	Y				
1	Closel Pola		AM L NA	Y		1		:	-		1	MI AM L HA	Ϋ́				
2	Closet Shelf		avn L' Nva	Y							17	MI AM L NA	Ŷ				
3	CI Supports	$\square$	ANU L N/A	Y		ŀ				·	17	MI AM L NA	Y		ł		:
4	Closel Floor	1	AM L NA	¥	ł	-						MJ AM L RA	Y				
	Closet Calling	Y .	A/M L N/A	Y							Π	MA AM L NA	Ŷ			1	
AB	Up Cab Erame	17	AM L NA	Y		1				[		MA AM L NA	Y				
CD	Up Cab Door	17	Adhi L N/A	Y		[						M/L A/M. E. NA	Y			-	:
	Up Cab Walls	17	AM L N/A	Y						[		MA AM L NA	Y		Ι		
12	Up Cab Shive	1	AM L N/A	Y								MA AM L NA	У				
34	Supports	ľ	AM L N/A	Y						[		MI AM L NA	Y			Į .	
		<b></b>	MA AM L NA	Y	[	[	[·	·			Ħ	MA AM L NA	Y		1	1	
		<u> </u>	MA AM L NA	Y		1		•			17	MJ AM L NA	Y	1	1	1	
		1	MA AM L NA	Y			-				1	MA AM L NA	Ŷ	1	1	1	
COM	MENTS/STRU	CTURA	L DEFECTS:	1	<b>i</b>	<b>.</b>	1		COM	MENTS / STRU	CTURA	L DEFECTS:		1	<u>.</u>	<u></u>	
(î	JINNER	L1	please NI	LNT	<b>ب</b> .	STURS	انې ۱۶	îad.	I (	1) PLASTO	ER.	WALLS	BEHI	uis st	45.67 <i>(</i>	WLK 3	a.2
L	<u>.</u>	EX	CLUDED SUR	FACE	S: Surfa	aces lista	ed in the	se boxes	çan be	made intacl	only l	y a licensed de	eleade	¥7.		<u> </u>	
SIDE	LOCATIC	N.	MEASURE: L	ÓOSE	PAINT		1¢	IC.	SIDE	LOCATK	DN .	MEASURE: L	OOSE	PAINT		IC	IC.
. income			(MORE THAN	1288 5	ia. ini.)	:	DATE	METHOD				(MORE THAN	1.288 S	Q. IN.)		DATE	METHOD
Ī			-														

David	Pesce
inspec	tor (print)

b)(6) & (b) )(C) Signature Lic #

09- 20- 2012 Date

Page 13 01 23

.

Dav	id Pesce				(b)(6	) & (	b)(7)	(C)									
∼'sk	Assessor (pri	nt)		Lic#		Sign	ature					Date					
<u>.</u>	Address of	Prope	rty: 920 N	Main S	St,			Apt #:	алали	iA.	City:	Vineyard Have	n, MA	02568			
B	ATHROOM #	<u>ت</u>															
SIDE	LOCATION	LEAD	TYPE OF	URG	IC	iC	DELEAD	DELEAD	SIDE	LOCATION	LEAD	TYPE OF	URG	1C	IC (	DELEAD	DELEAD
	SURFACE		HAZARD	HAZ?	DATE	METH	DATE	METH		SURFACE		HAZARD	HAZ?	DATE	METH	DATE	meth
A B C D	Up Walls	5.c5	an l na	¥						Low Cab Fram	200	AM L N/A	Y.				
A B O D	Low Walls	THE	AMIL NA	Y					AB	Low Cab Door	0.00	AM L N/A	Ϋ́				
4 B 2 D	Basaboards	\$ L]	AMCINA	Y					сp	Low Cab Walls	0.00	AM E N/A	Y				
A B C D	Chair Rail		A/M L. N/A	Ϋ́						Low Cab Shive	യം	AM L N/A	Y				
48 (1)5	Rediator (	μL	AM L N/A	Y					12	Supports	1	AMA L NIA	Y	÷	-	·	
I.	Floor	24.5	AM L N/A	γ					34	Drawers	7	AM L N/A	Ÿ				
	Ceiling	66.0	aim l. n/a	¥.			·i	:	A	Window Sill	2.9	(NI) (AM) L NIA	Y				
Â8	Door	රිග්ර	AM L N/A	¥.					В	Win Apron	Ôcci	AM L N/A	Y I			······	
C D	Door Casing	5.1	AN L N/A	Y					$(\hat{\mathbf{C}})$	Win Casing	0.3	AM L NUA	Y				
12	Door Jamb	0.3	AM L N/A	Ŷ					ŏ	Header Stop	04	MA AM L NA	Y				
34	Threshold	0.40	avim 1. ni/a	Y						hit Stops (1)	٦X.	MA (AM) I. NA	Ϋ́				
AB	00or		am l nia	¥					1	Win Int Sash	10 y 2	M/I A/M L N/A	Y				
CD	Door Casing	-/	A/M L N/A	Y					2	Exterior Sill	2.1	M/) SF L NVA	v		<b>m</b>		
12	Door Jamb	1	A/M E N/A	Y					3	Part Bead	t'an 1	Mii Linva	Ŷ				
34	Threshold	1	am l. N/A	Y					4	Blind Stop	Cl., 4	M/I SF L N/A	¥				
A	Closet Door	/	AM L NA	¥.						Win Ext Sash	3.23 (	Mii Linka	Y			i	
8	CI Casing	1	am l. Na	Ŷ					48 00	Win Above 5'		MA AM L NA	¥		M.M		
c	Closet Jamb		a/m l. n/a	Y				-	45	Geiling Molding		MJ AM L NA.	Y			:	
D	Closet Walls	Ì	am l Na	Ŷ					AB CD	Medicine Cab	Q.00	MA ANA LINA	Y				
La constante de la constante de la constante de la constante de la constante de la constante de la constante de	CI Baseboard		AM L N/A	Y					AB DD	Wall O/C	$\mathbb{Z}$	MPI AMI L NA.	¥				
4	Close( Pole		aim í Nia	Y						Shulle	37	MA GAN L NA	Y				
2	Closet Shelf	1	aim L Nia	Y					. 9	Leonas	62	MIL ANY L NA	¥				
3	CI Supports	1	arii l. Nia	Y							7	MI ANI L NA	Ÿ				······································
4	Closel Floor	1	AM L NA	Y								MI AM L NA	¥				
	Closet Ceiling *		AM L NA	Ÿ								M/L A/M L NA	Y				
AΒ	Up Cab Frame	7	AMIL N/A	Y			· · ·					M/L A/M L NA	·Y				
CD	Up Cab Door	1	AM L N/A	Ϋ́								MA AM L NA	Y	-			
	Up Cab Walls	7	AM L N/A	Y.								MA AM L NA	Y				
12	Up Cab Shivs	7	A/M L 'N/A	Y								MA AM L NA	Ϋ́				
34	Supports	1	A/M L N/A	Y								ME AM L NA	Y				
·		/	MI AM L NA	Y							$\square$	MA AM L NA	y				
	· · · ·	1	MA AM L N/A	¥								MA AM L NA	V				
		t - t	MA AM L NA	¥						·	1	MI AM L NA	Y	÷			
0.0MI	IENTS / STRUC	TURA	DEFECTS				lim		COM	ENTS / STRU	r Ctură	DEFECTS	1				
Ų	1 IMAER	615	NEXT	<b>т</b> э'	nene	ik si	1×P5 13	, LEAY				a gerleit gerne biger					
		EXC	CLUDED SUR	FACE	S: Surfa	ices liste	d in the	e boxes	can be	made intact	only h	v a licensed de	leade	f.			
SIDE	LOCATIO	ผ	MEASURE:L	DOSE	PAINT		10	ic	SIDE	LOCATIC	SN SN	MEASURE	JOSF I	AINT		10	IC.
			(MORE THAN	288 S	Q.IN.)		DATE	METHOD				MORE THAN	288 5	2. (N.)		DATE	METHOD
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Davi	d Pesce				(b)(6	) & (	b)(7)	)(C)				09-20-2012			Page	14 <sub>or</sub> 7	27-
Inspe	otor (print)			Lic#		Sign	ature					Dale					
Davi	d Pesce	*1		1.2	(b)(b	) & (	b)(7)	(C)				Data	·····				
MISK	Assessor (prin	1) 7	L	LIC #		Sign	alure	A K K.	****		<b>1</b> 24	UBIG Minimum It Invest		baces			
	Address of	Proper	ty: 920 n	nain s	<u>)</u> .			Артя:	RYDEA.	4e3	Uny:	vineyaro nave	n, we	02000			
r	DALLAYAT	71 )				f	1		<b></b>	1							
SIDE	LOCATION	LEAD	TYPE OF	URG	IC IC	ы К	DELEAD	DELEAD	SIDE	LOCATION	LEAD	TYPE OF	URG	IC	IC	DELEAD	DELEAD
	SURFACE		HAZARD	HAZ3	DATE	METH	DATE	METH		SURFACE		HAZARD	HAZ?	DATE	METH	DATE	METH
A B C D	₩p Walls (1)	2334	am l Na	Ŷ					A	Closet Door		AM L NA	Y				·
A 8 C 5	Low Walls	-	AML NA	Y					В	CI Casing		AM L N/A	Y				
8 8 6 0	Beseboards	23.3	a/m l n/a	Y					C	Closet Jamb	1	am l n/a	Y				
A 8 6 0	Cheir Rail		AM L NA	Y					D	Closet Walls		AM L NA	¥				
48	Distizing		A441 586	Ŷ						Ci Racabuard	Π	684 I N/8	y.				
CD Maria	Ciner	<u>K</u>	MANE L. FRIM				[		1	Clanet Data	┝─┝╴	ASH I NRA	v			· · · · · · · · ·	
	C 1944	()374	ARE 1 180						1.	Cincat Shaff	┝┼╴	AM4 1 10/2	÷,				
A D	Gennig A	0,000	ANGL HOPS			<u> </u>				AT Chimage and	$\vdash$		÷				
	0001	4	AM L RA	T T					1	Ci oupports	H		1 - V			<u> </u>	
	Door Casug	1.8	(AM)L NRA	X		<b></b>			4	Closer Floor	Η	AM L 6/A	۲ ټ			<u> </u>	
11Z	Door Jamb	0.4	AM L NA	<u> </u>					Ļ	Closel Ceang	μ	AM L NA	r				
34	Threshold	0.03	ANI NA	Ŷ		Į			<u> </u> ^.	Window Sill	-/	MA AM LINA	Ŷ		-		
AB	Deor	0.00	AMI, NA	Y	<b>.</b>				B	Win Apron	1	A/M L N/A	Y				
CD	Door Casing	0,9L	AM L NA	Ŷ		<u> </u>			C	Win Casing	ĻĻ_	AM L NA	Y				
12	Door Jamb	1,2-	AND WA	Y		<u> </u>		10 <sup>-</sup> 11	D	Header Stop	11	MALAM LINIÀ	Ŷ			ļ	
34	Threshold	05	àm l na	¥						Int Stops		MI AM L NA	Y				
AB	Deat	6 <i>9</i> 9	amil nia	Y.					1	Win Int Sash		MA AM L'NIÀ	Y				
CQ	Door Casing	Q.#1	am l na	Y					2	Exterior SII		M/I SF L N/A	Y				
12	Door Jamb	Q.20	am l na	Y		l			3	Part Bead		M/I LN/A	Y	L			
T 34	Threshold	3m.	am'l Na	Y					4	Blind Stop	$\square$	MA SE LINVA	Y				
AB	Doot		AM L NUA	Y		1				Win Ext Sash	1	MAI LINKA	γ				:
CD	Deer Casing		AM L NA	۲	5		:		A	Window Sill	1/	MII AM L NA	Y				
12	Door Jamb		AM L NA	¥					Б	Win Apron	11	AM L NA	Y				:
34	Threshold	7	A/M L NA	Y					Ç.	Win Casing		AGM L NOA	Y				
AB	Door	/	AM L NA	Y					D	Header Stop		M/I A/M L N/A	Y				
CD	Door Casing	1	am l nia	Y						int Stops		MA AN LNA	8				
#	Door Jamb	7	a/m l. Ma	Y					1	Win Int Sash		MA AN L WA	Y				
	Threshold	/	avn l nva	¥					2	Exterior SII		MI SF L NIA	Ŷ			1	
A	Closel Doct		AM L NA	¥	Ì	1	1		3	Part Bead		M/I L N/A	Ý				
В	CI Casing		AM L NA	¥		İ	1		4	Blind Stop	11	MA SF L NA	Y	1			
C	Closet Jamb	IT.	AM L NA	¥	1	ŀ				Win Ext Sash	V	MA L.N/A	Ŷ		[		
D	Cioset Walls	<b>1</b>	AMIL N/A	Y	1	1			A B critis	PIPE THOM	G. 42	MA AMA LINA	Y	1			•
	CiBacabaard		A143 1 1414	~		1	<u> </u>		٨ŝ	Cellina Moldia		1 14.9 2.27 1 NIS	v.	1		1	
	Cis Diagonalia	$\left  - \right $	A 1931 1 18174						CD	Provinsi morene	K	THE SHE LAND				+	
	CENELTOR	-+	MIN L NOM		<u> </u>		<u> </u>		2	12-14-5-13	<u>r.</u>	INNI AWA L MAR	1	1		I	1
4	Closet Shelf	$\square$	A/M L N/A	Y V	<u> </u>	Į	1		COM	MENTSTERU	IC FURA	L DEFECTS:					
3	CI Supports	+	AM L N/A	Y	<u> </u>					or her	.H.>	beneoil s	المعر	rock	ìs	2.2	
4	Closel Floor	H	AM L NA		<u> </u>												
L	Closel Cening	<u>/ </u>	ANN L NIA	T T	0.00		1	in Karde	L_	Complex Sector	r zata	in a linear d. a.	. المحضال			·····	
<b>T</b>		CAL	LUUEU SUK	TACE	SUCCE	aves iisu	SU III UIC T	Se Duxes		s mane iniac	CONY I	ay a noensed de	neaue	81. Dali		T	
ISIDE	LOCATK	M.	MEASURE: L	COSE	PAINT		IC .	[6]	SIDE	LOCAT	UN	MEASURE: L	OOSE	PAINT		C C	IG.
	ļ		(MORE THAN	1 288 2	90.IN)		DATE	METHOD		1		I IMORE THAN	1 268 S	ал. IN. <u>ў</u>	,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	DATE	METHOD
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Davi	d Pesce			(	(b)(6	) & (	(b)(7	)(C)				09-20-2012			Page	<u>15 or</u> _	23
Inspe	elor (prinl)			Lic #		Sigr	nature		_		,	Date					
Davi	d Pesce			(	b)(6	) & (	(b)(7	)(C)									
Risk	Assessor (prin	i)		110 #		Sigr	lature					Dale					
	Address of	Proper	rty: 920 N	tain S	Я.	-		Apl #:	алла	л <u>я</u>	City:	Vineyard Have	n, MA	02568			
ŀ	IALLWAY 🚽	72	5									•				, 	
SIDE	LOCATION	LEAD	TYPE OP	URG	IC IC	IC	DELGAD	DELEAD	SIDE	LOCATION	LEAD	TYPE OF	URG	:1C	IC	DELEAD	DELEAD
	SURFACE		hazard	HAZ?	DATE	METH	DATE	METH		SURFACE		HAZARD	HAZ?	DATE	MÊTH	DATE	METH
8 B C O	Up Walls	<u>1</u> 4-2	🕢 L NA	Y					$\otimes$	Closet Door	Col	am l Nia	Ŷ				
A B C D	Low Walls		à/m l n/a	۲					В	CI Casing	3.5	ATA E NUA	۲				
2 B C D	Baseboards	6,1	(AM). NA	¥					Ċ	Cicset Jamb	36	L N/A	۴				
A E C D	Chair Rall		AM L NIA	¥					D	Closet Walls	M. 6	aim L Nia	Y				
88 60	Radiator		A/M t. N/A	Y						CI Baseboard	12.1	am l n/a	Y				
	Fibar	2.25	ath l nia	Y					10	Closet Pole	0.00	ÁM L NA	¥				
1	Celling	345	am l nia	٠Y					-2	Closet Shelf	0.01	am l na	Y				
A)B	Door 🐛	Bei	am l nia	Y					3	CI Supports	149	(AB) L N/A	Y				
ČD	Door Casing	32	AMJL N/A	Ŷ					4	Closel Floor	0.01	A/M L N/A	Υ				
(D2)	Door Jamb	Z. L	AN L NA	Ŷ						<b>Closel</b> Ceiling	[0, j	AM L N/A	Y				
34	Threshold		ami i, nia	Y					A	Window Sill	1	MA AM L'NIA	Ý				
AB	Door	bac	A/M L NIA	Y					B	Win Apron	T	AM L NA	Ý				
СD	Door Casing	3.7	andi. wa	Ý					C	Win Casing		AM L NA	¥				
1(2)	Door Jamb	0,2	aim l Nia	Ŷ					D	Header Stop		MA AM LINA	¥				
34	Threshoad		ani l nia	Ÿ						Int Stops		Mà am l'Nia	¥				
AB	Opor	1.6	(AM L NA	Y					1	Win Int Sash		MAI AM L NA	Υ				
CD	Door Casing	<b>a</b> ≎	ØM L NA	У					2	Exterior Sill		MA SF L N/A	Y				
12	Deor Jamb	1.3	ADA F. N/A	Y					3	Part Bead		MA LNA	Y				
34	Threshold		ani l nea	Y					4	Blind Stop		MA SF LNA	8				
A B	Deer		aim l nua	Y						Win Ext Sash	/	MA LNA	X				
CD	Deer Casing		AM L. N/A	Y	<b></b>	. 			A	Window Silf		MA AM L N/A	Y			Į	
12	Door Jamb	Ų	AM E. NA	Y					B	Wia Apron	1.1	AM L NA	Y				
34	Threshold	ľ	/ AMILNA	Y	ļ		ļ		L C	Win Casing		A/M L N/A	Y	L			
AB	Door	-4	aga l. Nga	X					D	Header Stop	1	MA AMALINIA	Ŷ	<u> </u>	ļ	ļ	
CD	Door Casing	$\downarrow$	AM L NA	Y			ļ			Int Stops		NUL AM L N/A	Y.		<u> </u>		
#	Door Jamb		A/M L .N/A	Y.		<u>.</u>			T S	Win Int Sash		MI AM L NA	Y		<u> </u>		ļ
	Hateshold		BUELL NEA	Ŷ			<u> </u>		2	Extensor Sill		MAL SF L NA	1 Y	L	<b> </b>		
	C/0901 L/001	2.54	JAMIL NA	<u> </u>	ļ				S .	Pan bead		MIL L.NIA					
2	Closet Jamb	$\left  \begin{array}{c} \\ \\ \\ \\ \\ \end{array} \right $	AM L NA ÁMIL NA	Y		<b> </b>			<b>4</b>	Min Ext Sash	1/	MUL LINUA	1 T			<u> </u>	
n	Manal Wallia	n.5	3.04 6 W23	v					AB	hhin threes P		180 644 1 150	v			[ ]	
	The first of a second	12	LINE A STOCK			1			.C-D A B	man haiteha		1998 1999 6 1999				1	
4	UI DESEDURIO Class? Pais	22	ANN U INA ARI I INA	Y Y			1		CD.	Central Mokink	K	MR AGA LIVA MA AMA I NVA			1		}
5	Cinest Shall	0.00	AMA 1 REA	· V			<u> </u>		005	L MENTS (STRU	CTURS	L DEFECTS		L	1	<u>I</u>	Į
3	CI Statistic	3.9	KANI NIA	Y			-			1994 1992 1992 1993 1993 1994 1995 1996 1997 1997 1997 1997 1997 1997 1997	ي وي في من <sup>ي</sup> من	ann and Bayls Brayford <sup>13</sup> (be <sup>r</sup> r					
4	Closet Floor	#*4 (104)	AM L N/A	Y	<u> </u>	<b> </b>	1										
. •	Closet Ceilino	6 2	AM L NIA	¥			1										
ŀ		EX	CLUDED SUR	FACE	S: Suria	aces list	ed in the	se boxes	can bi	e made intacl	only l	y a licensed de	leade	¥.			
SIDE	LOCATIC	XN	MEASURE: L	COSE	PAINT		ю	10	SID	LOCATI	)N	MEASURE: L	ÖÖSE	PAINT		IC,	IC
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Davi	d Pesce				(b)(6	5) &	(b)(7	(C)				M LOU					
Risk.	Assessor (prin	t)		Lic #		Sign	ature	an da a sa an an Al a danadan a An Al a An				Date	<u>-</u>				
	Address of	Proper	ty: 920 1	Main 8	31.	-		Apt#:	алал	56	City:	Vineyard Have	n. MA	02568			
<u></u> -	ALLWAY	*3										*******					
SIDE	LOCATION	LEAD	TYPE OF	URG	JC	IC	DELEAD	DELEAD	SIDE	LOCATION	LEAD	TYPE OF	URG	1C	tC	DELEAD	DELEAD
	SURFACE		HAZARD	HAZ?	DATE	METH	DATE	METH		SURFACE		HAZARD	HAZ?	DATE	метн	DATE	METH
A B.	Uo Walls	15.6	(ARDI NIA	Ý					A	Člosel Dovr		ÁRA I NHA	Y				
AB	l ow Walls		ANI I N/A	γ					R	C2 Casiao	f	ARA I N/A	· ·				
AB	Anentonatic	123.	PARTE MA	, v						Cional Ismb		4 16 2 4 13 4					
<u>2</u> 8 A 3	Department of	×. 0	Leaser up	<u>,</u>					Š	Candlauib	┝╋─┥	ANNE S TANK		:	:		
	CUDBIL HEII		AM L N/A	Ý						Closet Walls		AM L NA	Ŷ				
6.0	Radiator		AM L N/A	¥.						CI Baseboard		.am l nià	Y		:		
5.5.	Fbor	ep.G	AM L NA	¥.			ļ		1	Closet Pole		AM L N/A	Y				
L. S.	Celling	Co1	AM L NA	Y:					2	Closel Shelf		AM L NA	Ÿ				
A8	Coor	1.01	AM L N/A	Ŷ					3	CI Supports		AM LINA	Ŷ				
CD	Door Casing	4.2	(ANI L N/A	Ϋ́					4	Closet Floor		ami l nva	Ŷ				
12	Door Jamb	Qōj	ami l N/A	Ŷ				·	L	Closet Ceiling	1	A/M L N/A	Ϋ́				
34	Thrashold		AM L N/A	¥.					A	Window Sill		MAI AAM L NAA	Y				
AB	Door	0.00	AM L NA	¥.					В	Win Apron		am l nia	Y				
CD	Door Casing	0.G	AM L N/A	Y				-	С	Win Casing		AM L NA	Y				
12	Door Jamb	34	NAL NA	Υ					D	Header Stop		M/I AMI L N/A	Y				
34	Threshold	<b>0</b> ∴}≯	AM L NA	Y				·		Ini Slope		MALAMI LINA	Y				
AB	Door	Q.QQ	ANY L N/A	¥				:		Win Int Sash		M/I AM L N/A	Y				
lco	Door Casing	3,6	EMIL NA	Ŷ					2	Exterior Sill		M/I SF L N/A	Y				
*2	Døx Jamb	<u>o 27</u>	ani l nia	Y					.3	Part Bead		M/I LN/A	Y				
μ <u>34</u>	Thrèshoki	Z,	AM L N/A	Y					4	Blind Stop	<u>  </u>	MA SF L NA	Y				
AB	Daot	-4	AIM L INA	Ŷ					·	Win Ext Sash	<u> </u>	Ma L. NVA	Ŷ				
CD	Deor Casing	$\downarrow$	ani l'Na	Y					A L	Window-Sill	-/	MA AM L NA	Ý			ļ	
12	Doo; Jamb	$\downarrow$	AMIE NA	Υ <sup>α</sup>					В	Win Apron		AM L NA	Y			ļ	
34	Heshold y		AM L NA	Y					L L	Win Casing	<u> </u>	A/M L N/A	Y	-	-		
85	Door	-4	AM L NA	Y					U	Header Stop	$\square$	MA AM L NA	Y				
Le D	Door Casing	1	AAH L NA	Ŷ		:				Int Slops		MI AM L NA	Ý				
Ε.	Door Jarab	1-1	AM L NA	¥						Win Int Sash		MI AM LNA	Y I				
	Investicid	·	R/M L N/A	Ŷ					*	Exterior Sill	-	MA SF L N/A				<b></b>	
A	Closet Door	4	A/M L N/A	<u> </u>					3	Part Bead	$\square$	MA L.NA	ĻΥ				
	Ci Casing	4	AMIL NA	¥.					- 45	Bind Step	Ų.	M/I SF L N/A	X				
	Glosel Jamp		A/M L N/A	¥ .					58	Win Ext Sash	Υ	Mai L. N/A	Ŷ				
0	Cipset Walls		am l nia	<u>,</u> X					co	Win Above 5'	Ľ,	MA AM LINA	Y.				
	Cl Baseboard		am i na	Y					8.4 60	Celling Molding		MI AM L NA	Y				
1	Closet Pole		AM I. NIA	¥					A	HEADER	9,4	ing an l na	Y.				
2	Closet Shelf		am l nhà	¥					COM	MENTS / STRU	CTURA	L DEFECTS;					
3	CI Supports	1	AM L N/A	¥													
4	Closet Floor		am l Nia	¥													
L	Closet Ceiling	1	AM L NA	Y					L								
		EXC	LUDED SUR	FACE	S: Surfa	ices list	ed in the	se boxes	can be	made intact	only b	iy a licensed de	leade	f.			
ISIDE	LOCATIO	ev	MEASURE; L	OOSE	PAINT		10	10	SIDE	LOCATIO	N	MEASURE: L	00sej	VAINT		IÇ.	IC
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David Pesce	
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inspector (print)



09-20-2012 Date

Page 17 or 27

Davi	d Pesce				(D)(d)	) & (	()(u)	(C)									
Risk /	ssessor (prin	i)		Lic #		Sign	ature					Date					
	Address of	Proper	ty: 920 N	Aain S	it.			Apt #:	****	A	City:	Vineyard Have	n, MA	02568			
ST	AIRCASE	15-	r 70	2 n	D.	مبر (بن											
SIDE	LOCATION	LEAD	TYPE OF	URG	10	IC	DELEAD	DELEAD	SIDE	LOCATION	LEAD	TYPE OF	URG	ĸ	10	DELEAD	DELEAD
	SURFACE		HAZARD	RAZ?	DATE	METH	DATE	METH		SURFACE		HAŻARD	HAZ?	DATE	METH	DATE	МЕТН
A 8 C 8	Up Walls	22	(AME) N/A	Ŷ						Window Silt	4.7	MA) (AMY I) NA	Ÿ				
8 B C D	Low Walls		AM L N/A	Ŷ					Β.	Win Apron	0.00	azn l nia	Y				
A 8 6 0	Baseboards	134	(AM)L N/A	¥.					С	Win Casing	7.1	AN L NA	Y				
来着。在り	Chair Rail	/	am l n/a	Y					D	Header Slop <sup>(1)</sup>	之。	MA A/M L N/A	Y				
48 00	Radiator	2.2	AM L NA	Y						Int Stops (1)	*Xa	MA GAD'L NA	¥				
100. M	Fibor	0,⇔⊊	AM L NA	Y					1	Win Int Sash	3.60	MA AM LINA	Ŷ				
1. ayar 1.	Ceëing	a.e5	AM L N/A	¥ <sup>1</sup>					2	Exterior SIII	1.8	MD SEXCANA	Y				
BB	Door (57	&~2	AM L N/A	Y			İ		3	Part Bead	Cerv	MA L NA	Ŷ				
CD	Door Casing	2.1	(MAL N/A	Ϋ́					4	Blind Stop	1.6	(M) SE L NA	Y				
12	Door Jamb	1,1	MAN NA	Y						Win Ext Sash	6.00	MA LNA	¥				
34	Thrashold	0.14	AM L NA	Y			1		A	Window Sill		MI AM L N/A	¥	· · ·			
AB)	Door 157		am l n/a	Y				, in the second s	В	Win Acron	17	AM L MA	Y		[		
CD	Door Casing	3.2	GAIN L NHA	Y					C	Win Casino	t fr	A/M L N/A	Y			11	
12	Door Jamh	17	AN L N/A	Ý					D	Header Stop	ΗT	MI AM L NA	Y		<u> </u>		
34	Tueshold	0.32	EAUT NEA	Ý				:		Ini Stone	$\mathbf{H}$	MI ARE I NO	v				
A R	Minie It. or	20	5.84 3 1.524	,					1	Min. Int Carb	┢╌┠╴	540 6/84 1 508					
âñ	Diane Cinnina	92, 33-34 	ARA L HIM						5	Culariar Cill	┢╌┢╴	Lin CE i NUS			·	}	
9	Doos Long	Q-Q-44	A 244 3 1975						2	CARNIN ON	$\vdash$	1691 - OF - L, 1905	- 1 - 1			i	
्रेड इ.स.	Door Juno	Q	ADA L NA	*					4	PRE-DEEU DEEU CARA	┞┼╸	INT L RA			<u> </u>		
34	INSECC	·Q-,,32	ANIA L POAL	7				-	14	CENCE SECTION	₩-	INTE SP L MA	-		<u> </u>		
AD	Goor 134	200	A/M L N/A	¥						YOU EXCOUNT	<u> /</u>	MO LINA			<u></u>	l	
œ	Cear Casing	2.5	AM L NA	×.						Newei Past	0.16	AM L N/A	Y	:			
12	Door Jamb	1.3	AUL NA	¥						Railing Cap	0.074	AM L N/A	Y	:			
34	Threshold	0.01	AM L NA	Y			1			Handrail		AM L N/A	Y		ļ	ļ	
AB	Door		A/M L, N/A	Y			1			Balosters	0.0	AM L N/A	Ŷ		ļ		
CD	Door Casing		AM L NA	Ÿ						Lower rail		A/M L N/A	Ÿ				
봕	Door Jamb		AM L NA	Y						Treads	6.12	aim l n/a	Y		<u> </u>		
	Threshold	1	an i, n/a	Y				· · · ·		Risers	3.4	AM) L NIA	Y				
A	Closel Ocor		AM L N/A	¥				·		Stringer	4.4	D L N/A	Y			1	
·B	CI Casing	1	AM L NA	Ϋ́						Floor Edge	1.8	<b>WAN L NA</b>	Y				
C	Gloset Jamb		are l Nià:	Ý			1			Floor Casing	11.2	(ATA L N/A	Y				
۵	Gloset Walls		A/M L NIA	Y.	·				Ą	iun 1843	13.3	MI AM L NA	Y				
	CI Baseboard		A/M L N/A	Y					COM	MENTS / STRU	CTURA	L DEFECTS					
1	Closet Pole		am l nia	¥			1		10	INNER	4	P NEXT	ĩø	S	<b>ĩ</b> 0P)	is L	EAD
2	Closet Shalf		AM L.NA	¥					11								
3	CI Supports		a/m l. n/a	Y			-		11								
4	Closet Floor	1	AM L N/A	Ŷ		[			1								
	Closel Ceiling	1	AM L NA	Ŷ.		[	1		1								
ļ		EX	CLUDED SUR	FACE	S: Suda	ices list	ed in the	se boxes	cán be	made intacl	only I	by a licensed de	leade	Ϋ́,			
SIDE	LÓCATIC	W	MEASURE	COSE	PAINT		I IC	íC	SIDE	LOCATH	2N	MEASURE-L	COSE	PAINT		K.	iC
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krspi	ector (print)			Lic#		Sign	ature					Date					
Davi	d Pesce				(b)(6	) & (	b)(7)	(C)									
Risk	Assessor (prin	t)		Lic#		Sign	apute					Date					
	Address of I	Proper	ty:					Apt#:			City:				·····		
Ş	AIRCASE	15	5 70		Gsm-	1											
SIDE	LOCATION	LEAD	TYPE OF	URG	10	Ю	DELEAD	DELEAD	SIDE	LOCATION	LEAD	TYPE OF	URG	ю	10	DELEAD	DELEAD
	SURFACE		HAZARD	HAZ?	DATE	METH	DATE	METH		SURFACE		HAZARD	HAZ?	DATE	METH	DATE	METH
ŔΒ	i in Weile	n	AM L N/A	¥					(A)	Window Sill	NC	MA ARA LINIA	Y				
<u>o d</u> A B	i aco Statio	a 1	TAREN NIS	Ŷ				:	K B	Win Apren		AM L NA	Y				
6 D. A 8	Low skolo	<u>.</u>	young a cost								1	6.9.4 2 1444	<b>—</b>				
<u>ç p</u>	Baseboards	$\square$	AM L NA	Y					6	Win Casing	<u><u> </u></u>	AVM L PRA					
88 60	Ohair Roll	$\mathbb{Z}$	am l Na	Y					Ð	Header Stop		MA AM L NG	Y				
48 ^ 0	Rediator		AM L NA	Y						Int Stops	1	MI AM LINA	Y				
	Figer	111	<b>RINR</b> DNIA	۲	1	İ			1	Win Int Sash	VR	MI AM L NU	Y	1			
	Ceiling	5 50	AM L NA	Y	-			·····	2	Exterior Sill	Vn	MA SF L. N/A	Y				
AB	Door that	a.	AM L N/A	Y	1				3	Part Bead	VA	MAI L.N./	Y				
сD	Door Casing	42	QM L N/A	Ϋ́	1		1		4	Blind Stop		MI SF L NO	Y				
12	Door Jamb	4.5	KIT L NIA	Y	1		11			Win Ext Sash	24	MI L. NU	N Y				
34	Threshold	1	. AMENIA	Y		<u> </u>	1		A	Window Sill:		MA AM L NU	Y	1	1		
84	filedas.	1~~	AM L N/A	Y	<u> </u>	<u> </u>	İ	<u></u>	В	Win Apron	17-	A/M L NÚ	Ŷ	1	1		
сņ	Boor Casino	11	AM L NRA	Y	1	İ			C	Win Casing	11	AM L NI	N Y	1	1		
12	Denr.iamh	+	AM L NRA	Y		1			Ď	Header Stop	tt	MA AM L NO	Y	1	1		
34	Threshold	$\forall$	, AM L N/A	8	1				11	Int Stops	ft	MI AM L NU	A Y	1			
AB	Door /		AM L NIA	Y	1	1	1		11	Win Int Sash		MANLW	N Y	1	:		
сp	Deer Gasine	17	AM L NA	Y		1	1	····	2	Exterior Sil	11	MA SF L N	A Y	1			
*2	Deer Jamb	17	AM L N/A	Ŷ	1		1		3	Patt Bead	17	MA LNA	A Y			· ·	
3 4	Threshold	1/-	aim L. N/A	Y	1	1	1		4	Blad Stop	17	MI SF L NU	4 ¥				
AB	Door	<u>† 7</u>	AM U NA	Y	1	1			11	Win Ext Sash	1	M/I LN	A: 9		1		
CD	Door Casing	11	AM L N/A	Y	1	1	1			Newel Post	NC	AM LN	A Y	1	1		
12	Deor Jamb	$\dagger$	AM C N/A	Y	1	1			12	Railing Cap	-	AM L N	A Y				
34	Timeshald	Ŷ	AM E NA	Y	1.					Handralt	0,500	AMLN	A Y				
AB	Door	( j	AM L NA	Y		1		1	164	Batusters		AMLN	A Y	1			
сp	Door Casing	$\uparrow \uparrow$	AM L NØA	Y	1		1	1		Lower rail	$\nabla$	AMLN	A Y	1			
帮	Door Jamb	17	AM L NA	Y		1			183	Treads	44	(AN) N/	A Y				
	Threshold	$\nabla$	AM L NA	Y			1		162	Risers	16.0	Ø LN	A Y				
A	Closet Door	17	AM L N/A	¥			1	1	11.	Stringer	24	(AN) L N	ΆY				
В	CI Casing	$\mathbf{T}$	AM L. NA	¥ I	-		1			Floor Edge	21.1	M I N	A Y				
C	Closet Jamb	TT	AML NU	Y		1			188	Floor Casing	23.4	AD LN	AY				
D	Ciosel Waits	$\uparrow \uparrow$	ANA L'INTE	Y	-					supp for	10:1	MI ANGN	AY		1		
1	Ci Baseboard	$\mathbf{t}$	AM L NA	Y		1		1	COM	MENTS / STRI	<b>JCTUR</b>	AL DEFECTS:					
1	Closet Pole	$\mathbf{t}$	AM L NU	Y	1				11								
2	Closet Shelf	+ +	AM L NØ	γ	-			1	11								
3	CI Supports	11	AML NA	X Y	1				11								
4	Closel Floor	17	AMLIN	V Y				1	1								
ľ	Closel Ceting	7	ANH L NU	Ŷ													
1		EX	CLUDED SU	RFAC	ES: Sur	laces lis	ted in the	ise boxei	s can b	e made intac	t only:	by a licensed (	delead	ler,			·
SID	LOCATI	ION	MEASURE:	LOOS	e paint	,,,	IĈ	1C	SID	LOCAT	ION	MEASURE:	LOOSE	PAINT		IC	10
1			(MORE THA	N 289	50. IN.)		DATE	METHON	X			(MORE TH	VN 288	5Q. IN.)		DATE	METHOD
•	ĺ																
T	1													-			1

• 2 · . . . . . .

David	Pesce

Inspectorr (print)



09- 20- 2012 Date

Da	vid Pesce				(b)(6	5) &	(b)(7	(C)									
Ris	k Assessor (pri	nt)	Lic #			Sigr	nature					Date			·····	2017-030-037-03 <b>7</b> -03 <b>6</b> -0-0400-0400-04	
	Address of	Prope	rty: 920 M	Main \$	St.			Apt #	<b>.</b>	λ <b>Α</b> .	City:	Vineyard Have	n, MA	02568			
·*** {	ASEMENTIL	AUND	RY AREA										*********			•	
SID	E LOCATION	LEAD	TYPE OF	URG	IĈ	IC	DELEAD	DELEAD	SIDE	LOCATION!	LEAD	TYPE OF	URG	)iC	1C	DELEAD	DELEAD
	SURFACE		HAZARD	HAZ?	DATE	METH	DATE	METH	l _	SURFACE	I	HAZARD	HAZ7	DATE	METH	DATE	METH
AB	Walls-	NC	AM L N/A	Y					USA 00	Pipes Supp.	600	AM L NA	Y				
AB	Walls' (2)	3.6	ANDL N/A	Y			1		A8 C5	Sink.	17	AM L NA	Ŷ				
23	Walls	$\overline{}$	AM L N/A	Y	·	<u></u>	1		A8	Diaincipe	┢╱	AM L NA	ÿ	·····			
AB	Walls	17	ATH L N/A	ÿ		<u> </u>	+		QB.	Conurshoard	K.	A#4 1 M/A					be an e com
4.9 A.9	17.5 million	<u> </u>		<u>ان</u>	l	<del> </del>	1	<u> </u>	00	See Friday and	<b>F</b> , <b>s</b> ,	Then the sky					
-GO AB	Baseboards	4	AM L NA	Ŷ	ļ/		-	ļ	Аb	Shelves	4	A/M L N/A	Y		i		
ço	Chair rails	1	A/M L N/A	Y		ļ			СD	Supports	$\mathbb{Z}$	aim I. n/a	¥				
1	Floor	NC	AM L N/A	¥	<b></b> !	ļ			AB	Shelves		am l Na	Y				
	Celling	26-0 2	AM L NA.	Y	<u> </u>		ļ	ļ	CD	Supports	Ľ	AM L N/A	Y				
60	Chimney	K	am l nua	Y.		1			ΑB	Shelves	1_1	ANA LINA	x				
AB CO	Support Colum		ang l nya	Y					СD	Supports	$\nabla$	AM L NA	Y				
A	Door (J)	14	(AND L NIA	Y						Window frame	3.3	MA AM ()N/A	Y				
Q	Door Casing	10.25	AM(C)NIA	Y			1		AB	Window Sash	low	MA AM L N/A	Y		:		
Ô	Door Jamb	NC	AM L NA	¥					Ĉр	Exterior Sill	Car	MC AM L NA	Y	*****			
34	Threshold		am l n/a	Y					12	Part Bead		MA AM L NA	¥	•			
A.B	Door	0~1	AM L NA	Y			1		34	Win Ext Sash	Cay	MA AM LINA	Y				· · · · · ·
Q.	Ocor Casing	1	AM L NA	Y						Window Irama	132	MA AM L'NA	¥				
ģ	Door Jamb	1	am l nia	Y.					AB	Window Sash	UR.	MAI AM L N/A	Y				
3	Threshold	L	AM L' NA	۲.					0D	Exterior Sill	NR	MA AM L N/A	Y				
A	i Door	$\square$	AM L NA	Y	Ļ]		ļ		12	Part Boad		MU AM LINA	Ÿ				
C.C	Door Casing		AIM L NA	Y					34	Win Ext Sash	JUR.	MD AM L N/A	Y				
12	Door Jamb	1	a/m l n/a	Y	ļ	[	<u> </u>		1	Window frame	Ļ	MAIL AGA L NZA	¥	iyu <b>v</b> y	:		
34	Threshold		a/m l. n/a	×	Ļ]	<b></b>	ļ	ļ	AB	Window Sash	Ļ	MAT AM LINA	¥				
C9	Cabinets	1	, AM L NA	Ÿ					CO	Exterior Sill	1	MA AM LINA	Y				
ÅΒ	Benches	$\Box$	AM L N/A	Y					12	Part Bead	1	MA AM L NA	¥				
СD	Supports	1	AM L N/A	Y					34	Win Ext Sash	ŀ	MAT AMA L'INVA	·Y				
A	Cioset Door	e V	am l n/a	Y						Window frame		imi am l'Nia	Y				
3	Cl Casing	4	AM L NA	X	<u> </u>				AB	Window Sash	1	MA AM L NA	Ÿ				
	Closet Jamb		AM L NA	Y	J		ļ		CD	Exterior SII		MI AM L NA	Y				
9	Closel Walls	5,6	AN L N/A	X I	<b></b>	ļ'	<b></b>		12	Pad Bead	1/	MAI AM L NA	¥				
I,	CI Bidsetboard	4	AML NA	Y	ļİ				34	Win Ext Sash	1	MIL AM L N/A	Y				
	Closel Pole		AM L NA	۲.			<b> </b>		1	ANCKED !!	0.0	AM L N/A	Υ Υ			ļ	ļ
ľÇ	Closet Sher	80.09	AM L NA	-Y		<u> </u>	<u> </u>		AD	Handrall		AM L N/A	Y				
	Ci Supports	031	AMEL NIA	Y .			<b> </b> !		140	Balusters	$H_{r}$	AM L N/A	Ŷ				
•	Cincel Calibre	19 ha 10 ha	AGAL MAN	V					24	Lower rail	₩÷-	AIM L N/A	Y			ļ	
Cor	ments/Stouct	ural D	efects	<u> </u>		(	<u>I</u>		34	Ricos	101	AND CTENIA	T V				
<b>1</b>	(j) 🖗	579) 579)	51 855							Shinner	1	ANI (1) NIA	÷ V				
	(2) AR	4 shal 1	้ รศ (	èc.	ese T	er <sup>de</sup> er			AB.	Line ger	17				-		
'		FY	ייין ווחבה פווסי	FACE	S. Surfr	acce lieb	ad in the			Oil l'anx		L N/A	Y				
Táini		N N	MEASURE (	OOSEI	PAINT	1903 11910			Tsine	I OCETIC	vany u Wi	HEASUDE //	icaue inec i	S. ANT		in	In
	. counting	288-5	Q. IN 3		DATE	METHOD	Cier	COUNTR	A.6	ANORE THAN	288:80	7 181 5 7 181 5		NATE	io Netuno		
L			, , , , , , , , , , , , , , , , , , ,						1	£			wine do 16-4	ar source		1 M7 7 have	0.073330663

inspector (print)



09- 20- 2012 Date

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Page	Ö!	4	T

Davi	d Pesce			(	b)(6	) & (	b)(1	)(C)									
Risk	Assessor (pri	nţ}		Lic #		Sign	ature					Date					
	Address of	Prope	rty: 920 N	lain S	H.			Api #;	ለሉስሳ	5 <b>X</b>	City:	Vineyard Have	n, MA	02568			
R	20M#	<u>A</u> u,	· DR-1	Ω O§	sin a												
SIDE	LOCATION	LEAD	TYPE OF	URG	1C	٦ï	DELGAD	DELEAD	SIDE	LOCATION/	LEAD	TYPE OF	URG	5	ĸ	DELEAD	DELEAD
	SURFACE		HAZARD	HAZ?	DATE	метн	DATE	METH		SURFACE		BAZARD	HAZ?	DATE	METH	DATE	METH
A B C D	Up Walls	0,00	ADM L. NKA	Ŷ					A	Wiedow SIF	1.02	MD AMONIA	Ý				
A B	Low Walls		am l nia	Y					B	Wia Apron	乱之	AM L NA	¥.				
4 B	Baseboards	eges i	a/m l. N/a	Ŷ					(c)	Win Casing	0.5	AM L N/A	Y				
<u> </u>	Chair Rail	/	ann l nia	¥.					Ď	Header Slop	0.01	MA AM L NZA	Y				
A.6.	Radiator		am l. N/a	Y						Int.Stoos (3)	013	MA QAN L N/A	Y				
	Fleor	Tav.	AM L N/A	Y					11	Win Int Sash	0.01	MI AAA LINA	Y				
	Ceitna		A/M L N/A	Y		·			2	Exterior Sill	0.0D	MI SF L N/A	Y				
4 B	Deer	ruffers.	AM I MA	¥					3	Rad Bead	row	M/LN/A	Ŷ				
Cõ	Door Casing	a	AMI L NIA	Ÿ					4	Blind Stop	0.03	M/L SF L N/A	¥				
12	Onor Jamiti	-7. X.	AM I NIA	*						Win Ext Sesh	803	MI INA	Ŷ				
kg	Threehald	Actors 1	AR4 1 1885							Mindente Sill	<b>P</b>	Mil 8764   bisa	Ŷ				
1 10	1111531045	<u>, , , , , , , , , , , , , , , , , , , </u>	2501976 L 19973	, 17					1.0	TRUCK A MAN		3401 - 5002 L 1971					
00	L2097	+	AVAN L NOT	3						WAR ADROD	<u> </u>	ARM L INTER	r				
40	URXY Casing		ANG L FUA	X .		<u> </u>		4	L L	Will Casing		7000 L 19/98	ł.				
12	000(Jamb	4-	AM L NZA	r N		1				Header Stop	<u> </u>	MA AM L NA	3 13		<u> </u>		
104	110250043	ľ	ANN L WA	Ŷ			ļ			int stops		MAL AVER L ISEA	1	<u> </u>			
AL	Dadr	ļ	AIM L NIA	.¥ .		ļ. <u></u>				Win int Sash	┣-┣	MH AM L N/A	Υ Υ		<u> </u>	<b> </b>	
100	Door Casing		AM L N/A	X.		[			4	Extenor Site	<u> </u>	MA SF LNA	Y				
12	Door Jamb	$\downarrow$	AME NA	Y -					3	Parl Bead	↓	MA L N/A	¥			<b></b>	
1-34	Thestold	μ.,	A/M L N/A	) V					4	Eina 2005	ļ[	Mil ar L N/A	7			<b> </b>	
AD	Daor		AM L NA	<u>۲</u>	<u> </u>				Ļ	Win Ext Sash	Į.,	Mat 1, NVA	Y.			ļ	
CD	Door Casing		AM L NA	Ŷ	ļ				A	Window Sill	44	MA AM L NA	Ŷ				
12	Deor Jamb	4	AM L N/A	Y					В	Win Apron	<u>   </u>	AM L N/A	Y				
34	Threshold	ľ,	amil Na	Y		ļ	Ļ		U	Win Casing		AM L NA	<u> </u>		ļ	<b>_</b>	
A	Closel Door	1	am i. N/a	Y					D	Header Stop		MA AM L NA	<u>Υ</u>		<b></b>		
8	CI Casing	<u>                                     </u>	AM L NIA	¥.	Į					Int Stops		MI AM L NIA	Y		ļ	<u> </u>	
C	Closet Jamb	Ц.	AM L NA	Y	ļ	<u> </u>	ļ		1	Win Int Sash		M) AM L NA	9	ļ	<u> </u>	ļ	
D	Close: Walls		ANLINA	Y,		[			2	Exterior Sill	╘	MA SE LINA	Y		ļ		
	Ci Baseboard		A/N L N/A	Y					3	Part Bead		MA LNA	<u> </u>			ļ	
1	Closet Pole	<u>     </u>	AM L NA	Y			ļ		4	Blind Stop	1/	MA SF L NA	Y	[	<u> </u>		
2	Closer Sheif		AM L NA	Y :		ļ				Win Ext Sash	<u> </u>	MA LN/A	Y ·				
3	CI Supports		AM L NA	¥	<u> </u>	ļ	ļ		ΑB	Fireplace	LZ	AM L NA	Y	1	<u> </u>	1	
4	Closet Floor	1	AM L N/A	Y	ļ				CD	Mente	V,	AM LNA	Ϋ́			<u> </u>	
	Closet Ceiling,	Y.	am l na	Ŷ					RB CD	Win Above 5		AM L NA	Y				
COM	VENTS/STRU	CTURA	L DEFECTS:				e			Ceiling Moldin		AM L NA	۲	]			
10	I INNER	<u></u>	PLEDGE	NEG	r nei	, Elh.	21.26	P	A	Shelves	5.00	AM L NIA	Y	1			
	15 66	i a D							A	Suppor 1.2	aut	AM L NIA	Y	<b> </b>			
										1	$\nabla$	AM L NIA	Y	l	1		
<b></b>		EX	CLUDED SUR	FACE	S: Surfa	aces list	ed in the	se boxes	can bi	made intacl	only I	y a licensed de	leade	it.			
SIDE	LOCATE	ж	MEASURE: L	COSE	PAINT		1C	10	SIDE	LOCATI	ON	MEASURE: L	oose	PAINT		16	IC.
1	1		(MORE THAN	1288 \$	XQ. (N.)		DATE	METHOD				(MORE THAN	1 288 S	Q IN.)		DATE	METHOD
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1	1		1				1	1				1				1	

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linen	orter (minit			1 10 #		/ ∽ ©ì⊷.		// • /				09- 20- 2012			Pag	<u>. 1</u> 01	
10 AU	arrive (brands			16 #	(h)(e	5) &	(h)(7	(C)				Vale					
Uav Total	la resce			1 3 a 4				//•/				an. a					
MISK	Assessor (prin Address of )	Щ Порра		1.407F	**	Sig	<b>vat</b> üre	ter a di.		14	2992	Uale		innenn			
	ADDIESS OF	Flope	iy: 9201	aau	<u>ziz</u>	0.1.0	A.S. 100 . 1.1	<u>Арі #:</u>	550700		City;	Vineyaro Have	n, IVIA	4 02568		-	
r	URUM A H		) (circle one)		TI ZOO TI	SIGN	410 11 (C	ircle one)	· · · · · · ·		·						
SIDE	LOCATION	ILEAD	TYPE OF	URG	0	IC	DELEAD	DELEAD	SIDE	LOCATION/	LEAD	TYPE OF	URG	1C	IC	DELEAD	DELEAD
L	SURFACE		HAZARD	HAZ?	DATE	METH	DATE	METH		SURFACE	L	HAZARD	HAZ?	DATE	METH	DATE	METH
A8	Siding	002	L. N/A	Ŷ			1			Support Climos	0.3	A/M L NA	Y				
C D .	Comer Boards	حده	i. N/A	Ŷ						Newei post	0.02	AIM L NA	Y			ļ	
14 - A	Upper Iran	ALG	l N/A	Y						Railing Cap	0.00	AM L NA	L Y				
7	Celling	NP	L N/A	Y			<b> </b>			Hendmil		AM L NA	Y				
1.0	Joisis -	NH	l N/A	Ŷ			ļ			Balusters	901	ARM L N/A	Y.			ļ	
Q	Door	0.67	AM L N/A	Ŷ					28	Lower Rat	0.36	A/M L N/A	Y				
B	Storm Door	2.92	am l Ma	Ŷ			Į		10. J	Treads	9.05	A/M L N/A	Ŷ				
	Door Casing	0.56	AM L NA	X			<u> </u>			Risers	0:0j	AVM L N/A	Y				
	Door Jamb	0.3	AM L NA	Ŷ			<u> </u>			Stringer	Q~a℃	AIM L NIA	Y				
112	Threshold	1,2	(AMLINIA	¥ .						Lower Walls	9.0%	AM L NIA	Y				
34	Kickplate	នភម្	AM L N/A	¥	·					Lattice	9.6*	AM L NA	Ŷ				
Â.	Door		AM L NA	Y			ļ			Lower Trim.	Ø. A	AIM L NIA	Y			ļ	
18	Storm Door	4	A/M L N/A	Y		-				Floor	0-30	AM L NA	Y				
C	Door Casing	4	A/M 1. N/A	Y			ļ					AM L NA	4			ļ	
D	Door Jamb	4	am l na	Y							/	AM L NA	Y				
12	Inceshold	4	AM L N/A	Y			<u> </u>				μ	AM L N/A	Y				
34	Kickpiate	Ι	AM L N/A	Y			ļ		·		Ц	AM L NA	X	÷		ļ	
AB	Window Sill		AM L NA	Ŷ							<u>  </u>	And L N/A	Y			<b></b>	
CD	Win Casing	1	AM L N/A	Y							<u> </u>	A/M L N/A	Y				
$\mathbf{n}_{\mathbf{z}}$	Window Sash	/	AM L N/A	<u>Y</u>							ļ.	AM L NA	Y			ļ	
34	NUMOOS	~,	anv l. N/A	Y								A/M L N/A	Ŷ			<b>.</b>	
(M 3 )	Window Sil	-/	AMIL NIA	Y							Ц_	A/M L NIA	Y				
Ľυ,	Win Gasnig	+	AN L NA	¥.								AM L NA	Y	:			
1.4 194	VYINGOW 5850	/	ADD L ADA	Ŷ					<b></b>	*******	$\left  - \right $	AM L NA	Ŷ			ļ	
	1933-1802-530 1945 - Januar 1955		2010 C 31(2)	بة. مر								AM L NA	r -				
	Willia Caralan	1-1 11 1 1 1	A365 L 1928								╞╌┠╌	AM L N/A	Ŷ				
4	Will Lestally	84. JP	ANG L PER	3 7			<u> </u>					AM L NA	Y			<b> </b>	
22	EXCOUNT CONSIST	7	ANNO L 1924	- T - T	·			*****				AM LINA					
X D	Stateor 50		1 1000 1 1000	-		in a constant a constant a constant a constant a constant a constant a constant a constant a constant a constan				-		AM L NA	Ŷ				
20	Min Casina		P MUSEL DEA.	1	·						H	A/M L NVA	Γ¥ 				
10	Window Sorth	-/1	ASRI L 1965								H	AM L. NIA	Y 0				
34	Mullinar	+	2/82 1 KUA	~						*****	<u> </u>	AVAI L MIA	l <del>i</del>				
2010	ENTE LETZUP	140901	DECENTO.		Į				0010	CONTRACTOR	12 OTUGA	ANA LICA	1		L		
543-8893 1	ICN10/01AUC	101942	verculat						COMA	IEN IS/SIRU	udha	LUEFEGIS					
																	1
	e eliqueur — margiòinina	EXC	LUDED SUR	ACE	S: Surfa	ces liste	ed in the	se boxes	can be	made intact	only h	v a licensed de	leade	ŕ.			
SIDE	LOCATIO	N	MEASUR	E:LO	DE PAN	r	IC.	зіC	SIDE	LOCATIC	IN I	MEASURE	1025			ĩċ	iri I
	,-; i ∩ - i ( <b>*</b> *)		(MORE TI	HAN 14	140 SQ. IN	U)	DATE	METHOD	-,			(MORE THAN	288 5	2.61		DATE	METROD
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Davi	id Pesce			(	o)(6	) &	(b)(7	7)(C)				09- 20- 2012			Page	,2Z.	27
Insp	ector (print)			Lic#		Sig	nature					Date		u	2		
Davi	id Pesce			(	b)(6	) &	(b)(7	(C)									
⇒i <sub>sk</sub>	Assessor (pr)	nt)		Lic #		Sig	nature	, , , , , , , , , , , , , , , , , , ,		****		Date					`
	Address of	Proper	ty: 9201	Main 1	St.	÷.		Apt#:	<b>ፉ</b> ስለአ	AA	City:	Vineyard Have	n, M/	02568			
PI	ORCH A (E	s) c c	) (circle one	) (Ist	())2nd f	3rd fi	4th fl (c	ircle one)						·····	·····	-	
SIDE	LOCATION	LEAD	TYPE OF	URG	l ic	IC.	DELEAD	DELEAD	SIDE	LOCATION/	LEAD	TYPE OF	URG	IC.	IC	loereso	DELEA
	SURFACE		HAZARD	HAZT	DATE	METH	DATE	METH		SURFACE		HÁZÁRD	HAZ?	DATE	METH	DATE	METH
AB	Siding	Q41	l N/A	Y			1		1.4	Support Clima	48	*2 GARED NA	Y				
CD	Comer Soards	15	(L'WA	Y			1			Newel post	B. 125	AIM L NIA	Y				
-tj	Upper Trim	NA	l n/a	Y	1		1			Railing Cap	0.00	A/M L N/A	Y				
	Ceiling	1.124	l, N/A	Y			1			Handrall		AM L NA	Ŷ				
. <b>1</b> 2 .	Joists	No	L N/A	¥			1			Balusters	17	A/M L N/A	Y			1	
Α	Oper	2.1	(A) L N/A	Y			1		108 1	Lower Rall	V	AM L NA	X			Ì	
8	Slorm Door	Casa.	ATH L N/A	Y			1			Treads	au i	AM L NVA	Y			İ	
C	Door Casing	3.6	OD L N/A	Y						Risers	632	A/M L N/A	Y				
D	Door Jamb	psz	AM L N/A	¥.			1		21.	Stringer	ð	AM L N/A	Y				<u> </u>
12	Threshold	1.4	🛞 L NA	Y						Löwer Walls	0.5	AM L NA	Y				<b></b>
34	Kickplate	342	AM L NA	Y						Latice		A/M L N/A	Ÿ			1	
A	Door		AM L NA	¥ :	-					Lower Trim	0	A/M L N/A	Y				<b> </b>
8	Stern Door	1	AM L N/A	۲				:	t,	Eloor	0.62	A/M L N/A	Ÿ				
Ç	Door Casing	$\Box$	AM L N/A	Ŷ							17	A/M L N/A	¥				
D	Door Jamb	$\left[ \right]$	AM L N/A	Ý							17	A/M L N/A	Ŷ			Î	
1.2	Threshold	17	am l na	Y			1				Π	AM L N/A	Y				
34	Kickplate		am l na	¥							11	AM L N/A	Y.			1	
AB	Window Sill		AM L NA	Y				:	Γ	1		ami l n/a	Ý			1	
۵,	Win Casing	1	am 1. N/A	Y								AM L NA	Y				
r2	Window Sash		AM L NA	Y								ami l Na	۲				
34	Mullions		AM L NA	Y								AM L N/A	Ÿ		·		
88	Window Sill	1.6	(A) I N/A	Y							ļ	AM L NA	Y				
ĢΟ	Win Casing	1.4	EN L NA	X			<u> </u>					A/M L N/A	Ý				
12	Window Sash	Qua	ANN L N/A	¥.								A/M L NIA	Y				
34	Mullions		AMIL NA	Y			<u> </u>		L			AM L NA	X			<u> </u>	
AB	Window Sill		anz l. nja	¥			ļ					AM L NA	¥				
GD	Win Casing	14	am l n/a	¥.			ļ		L			am l. n/a	Y				[
12	Window Sash	/	am l nia	¥						<b> </b>		AM L N/A	Y				
54	Mullions	1	ann l nha	Ŷ.					L			AM L NA	Y				
4.B	Wodaw Sit	/	a/m l n/a	Y			ļ				$\square$	AM L NA	Y				
CD	Win Casing	14	AM L NA	Y			<u> </u>		L	ļ	11	AM L NA	Y			ļ	ļ
12	Window Sash	H	a/m l n/a	Y.			ļ		ļ		¥	ATM L N/A	۲			<u> </u>	
54	Mulions	<u>K</u>	am l nia	¥.			<u> </u>			Ŀ	V	AM L NA	Y				1
2016	AEN IS I SIRUI	EXC	LUDED SUR	FACE	S: Surfa	ces líst	ed in the	se boxes (	COM an be	MENTS/STRU	CTURA Only E	L OEFECTS;	leade	ŕ.			
ŚIDE	LOCATIO	in T	MEASUP	E:LO	OSE PAIN	T	IC	1C	SIDE	LOCATIO	)N	MEASURE 1	2055	PAINT		ic	in
_			(MORE T	HAN 1	440 SQ, IN	L)	DATE	METHOD			- <u>-</u>	(MORE THAN	288 S	0.IN}		DATE	METHO
							ļ		<b> </b>	-					: 	<b> </b>	<b> </b>
							<u> </u>		<b></b>			l				<b> </b>	L
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Dav	d Pesce			(	b)(6	) & (	(b)(7	(C)				09-20-2012			Pag	<u>,23</u> 0	53
Insp	ector (print)			Lic #		Sign	alure					Date					
Davi	d Pesce			(	b)(6	) & (	(b)(7	′)(C)									
Risk	Assessor (prir	nt)		Lic#		Sign	ature					Date					
	Address of I	Prope	rty: 920 I	dain S	St.			Apt#:	лала)	и	City:	Vineyard Have	n, MA	02568			
E	KTERIOR A	Side															
SIDE	LOCATION	LEAD	TYPE OF	URG	IC	10	DELEAD	OÈLEAD	\$IDE	LOCATION	LEAD	TYPE OF	URG	Ю	10	DELEAD	DELEAD
А	SURFACE		HAZARD	HAZ?	DATE	METH	DATE	METH	A	SURFACE		HAZARD	HAZ7	DATE	METH	DATE	NETH
	Siding	003	t N/A	Y		1				Window Sill		AMINA	¥				
	Corner Boards	2.6	l Nga	¥					A	Win Casing		A/M L N/A	Y				
Å	Lower Trim	bos	E N/A	Y			Γ		ŧ,	Window Sash		AM L NA	Y.				
	Upper Trim	MA	L NA	Y						Cellar Win Sili	6.44	AM L N/A	Y				
	Win Above 5'	NA	l nya	Y					A	Cel Win Sash	VR	A/M L N/A	Ϋ́				
	Porch Above 5'		l N/A	Ý			1		4	Cel Win Frains	ەەۋ	a/M l n/a	Y				
	Storm Door	1	AM L'NA	Y			1			Screan Frame	_	AM L N/A	Ŷ				
	Door	1	AM L N/A	Y			1			Cellar Win Sill	1	AM I NA	Y				
A	Door Casing	$\mathbf{T}$	AM L. NA	Υ.					A	Cel Win Sash	17	AM L NA	Y				
12	Door Jamo	$\mathbf{T}$	am l na	Y		1			ŧ	Cel Win Frame	1	AM L N/A	Y				
3-4	Threshold	17	ANA L NIA	Y		[	1			Screen Frame	1	AM L NA	Y				
	Kickplate	l –	AM L NA	Y		ŀ				Collar Win Sili	1	AM LNA	Y				
	Storm Door		AM L NVA	Y		<b>.</b>			A	Cel Win Sash	17	AM L N/A	Y				
	Door	1	AM L N/A	Υ.		t			j.	Cel Win Frame	17	ARIL NA	Y	<u></u>			
A	Door Casing		ANN L NNA	Y					11	Screen Frame	V	AM L NA	Y				
12	Door Jamb	<b>7</b>	ana l nia	Y						Cellar Win Sill		A/N L N/A	Y				
34	Threshold		AM L NVA	Y		[	1		A I	Cel Win Sash	17	AM L NA	¥				
	Kickplate	7	aim l nia	Y		Ī			ļ#	Cel Win Frank	1	AAM L N/A	Y				
	Qoor		am l nia	¥	ſ	1				Screen Frame	1	AM L N/A	Y				
A	Door Casing	7	am l n/a	Y			1		1	Foundation	0.0	LNA	Y.				
12	Deor Jamb	1	am l N/A	Y		l			A I	Bulkhead		AM L N/A	¥ 1				
3.4	Threshold	1	AM L N/A	¥				·		Fonces	0.00	A/M L N/A	Y				
····	Window Sili	1.3	(AM) L NIA	Ŷ		1		·		Shutters	$\square$	AM L NIA	Y				
TA)	Wie Casing	12	(AN L NA	Y		1			1	Newel post	17	AM L N/A	Y				[
\$X2	Mindow Sash	0.03	AM L NA	Y		1			11	Railing Cap	Π	AM L NA	Y			l I	
	Window Sili	7	AM L NA	Y					1	Handral		AM L NØ	Y				
Â	Win: Casing	17	aim l Nia	Y					A I	Balusters		AM L NA	Y				
#	Wiadow Sash	7	AIM L NIA	Y	Ì	1			1	Lower Rail		AM L NIA	Y				
	Window Sill	1	AM L NA	¥	Ì	1		1	11	Treads	11	AMI L NA	8		[		
A	Win Casing	17	ami l. N/A	. Y		1		1	11	Risers	17	AM L NA	Y				
21 57	Window Sash	1	AM L NA	Y			1		1	Sinoger	17	AIM L NIA	Y	1			
A	Laino Post		L NIA	Y	1			İ	11	Latice	1	AJM L N/A	X			1	1
COH	MENTS/STRU	CTURA	L DEFECTS:			<u></u>			1	FLAG POLG	2.43	1 L N#	¥ ا				
		• •							A	Elec Conduit		L N/A	Ý				1
										Oit Fill Pipe	T/	L N/	Y			1	I.
										Overhang Tric		A/M L N/	Y Y		<u> </u>	ł	]
<b>K</b> anana ang kanana ang kanana ang kanana ang kanana ang kanana ang kanana ang kanana ang kanana ang kanana ang	Excluded	I Surfi	aces: Surfaces	lister	l in this	box can	be mad	8	-			Soil Te	st Res	ults			
		ŭ	stact only by a	licens	ed dele	ader				(Must be le	ess tha	in 400 ppm for	play a	rea / 12(	N ppm	for bare	soii)

SIDE	LOCATION	MEASURE: LOOSE PAINT	1C	IC	LOCATION	AREA MEASUREMENT	RESULT	REMED	REMED
A		(MORE THAN 1440 SC. IN.)	DATE	METH		( Square Faat )	(PPM)	DATE	METH
A					Play Area				
A		· · · · · · · · · · · · · · · · · · ·			Bare Soil	'			
A					Comments:	······································			
A					[				

David Pesce

(b)(6) & (b)(7)(C)

09- 20- 2012

\* 2012

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Insp	(Ining) Yolae			Lic #		Sign	ature					Date					
Davi	d Pesce				(b)(6	5) &	(b)(7	)(C)									
"isk	Assessor (prir	it)		Lic#		Sign	ature					Date					-
, A.	Address of I	Prope	rty: 920 N	Main S	St.			Apt #:	<u> </u>	μΛ.	City:	Vineyard Have	n, MA	02568			
E)	(TERIOR B	Side															iiimihimmenee
SIDE	LOCATION	LEAD	TYPE OF	URG	IC	1C	DELEAD	DELEAD	SIDE	LOCATION	LEAD	TYPE OF	URG	IC 1	ю	DELGAD	ÓELEAD
8	SURFACE		HAZARO	HAZ?	DATE	METH	DATE	METH	В	SURFACE		HAZARD	HAZ?	DATE	METH	DATE	METH
	Siding	<b>¢</b> ø3	l N/A	Y						Window Sill	1	a/M L N/A	Y				
	Corner Soards	9°35	l N/A	Y					В	Win Casing	1	AM L NA	Y	·			
8	Lower Trim	6.3 Y	l n/a	Y					¥.	Window Sash	Y	am l na	Y				
	Upper Trim	Α <sup>ι</sup> ς	L N/A	Y						Ceilar Win Sill		am l nia	Y				
	Win Above 5	NA	l Nia	Y					В	Cel Win Sash	1	AM L NA	Y				
	Porch Above 5		l N/A	Ŷ					85	Cel Win Frame	1	AM L NA	Y				
,	Storm Door	7	am l n/a	Ý						Screen Frame	V	A/M L N/A	Y	:			
	Door		am l. Na	·۲						Ceilar Win Sil		AAM L NIA	Y.		·		
В	Door Gasing	1	amil Na	Y					В	Cel Win Sash	1	AM L NA	Y				
12	Door Jamb	1	AM L NA	Ŷ					¥	Cel Win Frame	1	ANA LIN/A	Y			L	
34	Threshold	17	am l Na	¥						Screen Frame	1	AM L WA	Y				
	Kiçkplale	l	AM L NA	Υ			1			Cellar Win Sill	1	AM L NA	۲				
	Storm Door		AMILNA	Y					В	Cel Win Sash		AM L NA	Y				
	Door	1	AM L NA	Ŷ					t.	Cel Win Frame	1	AM L NA	Y				
B	Door Casing		AM L NA	Y		1				Screen Frame	1	ARA L NIA	Y				
12	Deor Jamb		am l Nia	Y		]				Cellar Win Sili		AM L NA	Y			ļ	
3 4	Threishold	1	AM L NA	Y		<u> </u>	L		В	Cel Win Sash	$\downarrow \downarrow$	AM L N/A	Y				
I	Kickplate	<u> </u>	AM L NA	Y				:	ť.	Cel Win Franz	1/	AM L NIA	Y		ļ		
	Doot	$\lfloor /$	AM L NA	Y			1			Screen Frame	<u> </u>	AM L NA	Y				
ľΒ	Door Casing	$  \downarrow  $	AM L NA	Y	ļ	ļ	ļ			Foundation	9.05	L N/A	Y			ļ	
12	Door Jamb	μ_	AM L NA	¥			<b>.</b>		В	Buishead	$\downarrow$	AIM L NIA	Y		<b> </b>		
34	Threshold	1	AMIL N/A	Y		<u> </u> .				Fences	1/-	AM L N/A	Y			ļ	
	Wandow Sil	ØЩ	AM L NA	¥.	ļ	ļ				Shutters	¥,	AM L N/A	Ť.			<u> </u>	
(B)	Win Casing	12	AIM L NIA	Y	ļ	<u> </u>				Nawel post	14	ANN L NIA	Y.		<b>[</b>		
<u>\$</u>	Window Sash	P.93	am l. Na	Ŷ	<u> </u>	ļ		-		Railing Cap		A/M L NIA	Y		<b></b>	<u> </u>	
Com.	Window Sill	૦.૦૨	AM L N/A	Y	ļ					Handrall		A/M L N/A	Y	ļ	ļ	<u> </u>	
8,	Win Casing	0,60	AM L N/A	Y			-	Į	В	Balustets		A/M L N/A	ųΥ	<b>ļ</b>	Į	<b>.</b>	
2	Window Sash	Pro 1	AM L N/A	Ŷ				ļ		Lower-Rail		A/M L N/A	Y	ļ			
	Window Sill	ĻŽ	AMAL NRA	Y	<u> </u>					Treads	<u> </u>	ANN L NUA	Y				
B	Win Casing	$\downarrow$	AM L NIA	Y	ļ.	-		<b></b>	11	Risers	++	AM L NIA					
<b>17</b>	Window Sash	<u>r</u> _	A/M L N/A	Y	-	<u></u>	- <u> </u>			Stringer	1	AMLNA	X		<u></u>	-	
В	Lamp Post	Ľ	L N/A	Y		1	l	<u>l</u>		Laluce	<u>¥</u>	A/M L NIA	Y Y	ļ	<u> </u>		
СОМ	MENTSLSTRU	CTURA	L DEFECTS:						Π_		1-1	<u>1 L WA</u>	Y Y		<u> </u>		······
									В	Elec Conduit	++	L N/A		<u> </u>	<u>.</u>		
										Contraction	1/-	1, 1944		<u> </u>	<b></b>	+	
1									11	povernang frin	n#/.	1 AM L 197	VI X.	E.	I	1	I

Soil Test Results Excluded Surfaces: Surfaces listed in this box can be made (Must be less than 400 ppm for play area / 1200 ppm for bare soil) intact only by a licensed deleader RESULT REMED REMED LOCÁTION MEASURE: LOOSE PAINT IC IC LOCATION AREA MEASUREMENT SIDE DATE (Square Feet) (PPM) DATE RETH (MORE THAN 1440 SQ. IN.) METH 8 9 Play Area 8 Bare Soll B Comments: B

Dav	id Pesce		-	(b	)(6)	) &	(b)(	7)(C	)			09-20-2012			Pag	• <u>25</u> 0	<u>, 27</u>
insp	ector (print)			Lic #	h)/6	Siqi	hature	T(C)				Date					
Dav	id Pesce			(	0)(0	$) \propto$	<u>(b)(</u>	$(\mathbf{C})$									
Qisk	Assessor (pri	ni)		Lic#		Sigr	ature					Date					
	Address of	Prope	rty: 920 i	vlain S	St.	-We-dda		Apt #:	AAAA	4A	City:	Vineyard Have	n, M#	02568			
E	XTERIOR C	Side															
SIDE	LOCATION	LEAD	TYPE OF	URG	10	IC	DELEAD	DELEAD	SIDE	LOCATION	LEAD	TYPE OF	URG	łC	IC	DELEAD	DELEAD
C	SURFACE		HAZARD	HAZ?	DATE	METH	DATE	METH	C	SURFACE		HAZARD	HAZ?	DATE	METH	DATE	METH
	Siding	0,00	l Nva	¥						Window Sill	1	AM L N/A	Ϋ́				
1	Corner Boards		L NIA	Ŷ					C	Win Casing	1	A/M L N/A	Ý				
C	Lower Trim	201	l N/A	¥.					#	Window Sash	V	AIM L N/A	Ϋ́				
1	Upper Trin	US.	L N/A	Ý						Cellar Win Sill	1	AIM L N/A	Y				
	Win Above 5	NA	l N/A	Y			1		C	Cel Win Sash	1	AM L NA	¥.				
	Porch Above 5		L NA	Ŷ			1		ŧ.	Cel Win Frame	17	AM L N/A	Y				
Γ	Storm Door		am l Na	Y			1			Screen Frame	1	AM L NA	Ÿ				
	Soor	3.2	AM L NA	Y			-		-	Cellar Win Sili	1	AM L N/A	Ŷ				
6	Door Casing	0.4	AM L N/A	Y					c	Cel Win Sash	$\uparrow \uparrow$	AM L N/A	Y	•			
12	Door Jamb	A in	AM L NA	Y			1		4	Cel Win Frame	1	AM L N/A	Y				·
34	Threshold	1	AM L NEA	Y			1		ľ	Screen Frame	17	AM L N/A	Ý				
	Kickplate	$\succ$	AM L N/A	Y						Cellar Win Sill	1	AAM 1 NJA	Y			l	
-	Slorm Dror		483 1 19/4	Ŷ			<u> </u>		n	Calillia Sach	+ +	A BAT L LIFA	÷				
	Door	$ \rightarrow $	SALL NOS	v V				ļ	<b>,</b> '	Cal Win Brame	17	ANN LIVA					
l c	Door Caring	H	ADA I NUA	- Y				l		Stugan Frama	1/	AM I MA	*				
1.2	DANY LANG	H	2004 - 2004 2004 - 2004	N.				· · · ·	C C	Colling in the little		AGT I NISA	3. V 1		:		
24	Threehold	/	086 L DKA 694 L MBA	÷ v						Contration Constantion	+ 1	ANN L NUA					
	icintestates		Addi him	÷.			1			Collige Coore	+	ANN L MIA.	1				
٤	Deer 3									Cont while Fighte	₩_	. ANN L 1926.	- T				
ംപം	Dear Arrian	+	A 81 1 1075	5 						Coundailian		Mana L. DAA.	. г 				
4.2	Dine tems	1	ANG L 1905							Poundauon	2.65		r				
3 4	Theoremist	1	AA43 697							Conero Conero	$\vdash$	244 1 11/2					
Ĕ	Mindola Cill		A 25.4 1 MIER							CONG2	¥	ANNA L HUM					
	ARTER PROVIDEN	+	ANN & PUPE				<u>.</u>		<b></b>	CHINE HERE	[	ANN L INA	1				<u> </u>
"×	Window Kash	$\mathbf{I}$	ANN L MAR							Newer post	++	AM L NA	¥				
fr	vestuwy waat). Wile daweiten	(	MENNE & INNA	F .			<u> </u>		1.	Raining Cap	–	ARM L BUA					
	AAREN ELE ALANA	+	ARM L NEA							Handsat	_	AMM L N/A	· ¥				
4	WILL AND STREET	+	AUN L 1974	- 1: 					U.	Barusiers		AVM L N/A	Ŷ				
рт	EXECUTION CROCK	/	PUDA L. 19695	т - ;;			ļ		1	Lower man		APAR L NOA.	, T				
0	NATCHERONE CHIL	-/	PANA L. INKA Saka a ana	T.			<b> </b>			1,00805		AM L NA	<u> </u>				
<i>"</i>	even Casing References	$\not$	Z ANAL MES	- 1 			<b> </b>			Rise:3		A/M L N/A	Ŷ				
	evidents 2820		Z (PURAL INGA) J NSEK			:				Stringer	17	AM L N/A	Y				
<u> </u>	LEND 795		L N/A		·		[			LHUCO	Ľ.,	Y ANGLINA	Y		<u> </u>		
COM	AENTS (STRUC	IURA	LUEFECTS								+-/	LNA	Y				
										Elec Conduit	11	L N/A	Y			<b></b>	
										OI Fil Pipe	<u> /</u>	L N/A	Y			ļ	
L		<b>N X</b>		35. 's	*		h			Overnang Trim	ľ	AM L NA	Υ Υ			l	
	Excluded	Surta in	ices: Surfaces tact only by a l	listed Icensi	in Inis t ad delea	iox can ider	be made	3		(Must be le	ss tha	Soil Tes n 400 ppm for p	t Resi lay ar	ulis ea./ 120	10 ppm f	or bare :	soil)
SIDE	LOCATIO	ų.	MEASUF	MEASURE: LOOSE PAINT			IC	IC	1	OCATION	1	AREA MEASUR	EME	٢î	RESULT	REMED	REMED
C			(MORE T	(MORE THAN 1440 SQ. IN.)		l.)	DATE	METH		<u></u>		( Square Fe	et)		(PPM)	DATE	METH
, ¢										Play Area							
_ J									ſ	Bare Soll	Ι					l	
C							[			Zomments:							
C																	
													million and	( No. 1			

**David Pesce** 

Inspector (print)



09- 20- 2012 Date

Page <u>26</u> of <u>2</u>]

Dav	id Pesce			(	b)(6	) & (	b)(1	)(C)									
Pisk Assessor (print) Lic# Sig					Sign	Signature					Date						
···	Address of	Prope	ert <u>y:</u> 920 l	Main S	SI.			Apt #:	алалі	w.	City:	Vineyard Have	n, MA	02568			
E	XTERIOR D	Side														•	
SIDE	LOCATION	LEAD	TYPE OF	URG	10	iC	DELEAD	DELEAD	SIDE	LOCATION	LEAD	TYPE OF	URG	IĈ	IC IC	DELEAD	DELEAD
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EXCLUDED SURFACES: Surfaces listed in these boxes can be made infact only by a licensed deleader.

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<u>Attachment C</u> Commonwealth of Massachusetts Residential Deleading Advisory



DEVAL L. PATRICK GOVERNOR

TIMOTHY P. MURRAY LIEUTENANT GOVERNOR

JUDYANN BIGBY, MD SECRETARY

JOHN AUERBACH COMMISSIONER

# The Commonwealth of Massachusetts

Executive Office of Health and Human Services Department of Public Health Bureau of Environmental Health Childhood Lead Poisoning Prevention Program 250 Washington Street, 7<sup>th</sup> floor Boston, MA 02108 (800) 532-9571

## **RESIDENTIAL DELEADING ADVISORY**

The process of removing or covering lead paint hazards, commonly called deleading, can be dangerous if it is not done properly. That's why the Lead Law (Massachusetts General Laws chapter 111, sections 189A through 199B), the Regulations for Lead Poisoning Prevention and Control (105 Code of Massachusetts Regulations 460.000) and the Deleading Regulations (454 CMR 22.00) have rules for how deleading is done in homes and apartments. These rules say who can do the work, safety steps that have to be taken while the work is done, how to clean up after the work and how the work is finally approved. These rules are enforced by the Department of Public Health's Childhood Lead Poisoning Prevention Program (CLPPP), the Division of Occupational Safety (DOS) and local boards of health.

### Who can do deleading work

Under these laws, only a licensed deleading contractor can do high-risk work, such as scraping or stripping lead paint, repairing more than a small amount of chipping or peeling lead paint so it can be repainted, and demolishing lead-painted building parts. Besides deleaders, property owners and their agents who take a one-day course can do moderate-risk deleading work, such as removing windows, woodwork, and just about any surface of a house, as well as repairing small amounts of chipping and peeling lead paint so it can be repainted. Lead-safe renovators trained and licensed by DOS may also be hired to do moderate-risk deleading work. Finally, low-risk deleading work can be done by all the people who can do high- or moderate-risk deleading work, and also owners and their agents, including contractors, who just complete the CLPPP low-risk booklet (and/or encapsulant booklet). Low-risk deleading means covering surfaces, applying encapsulants, capping baseboards, removing doors, cabinet doors and shutters, and applying exterior siding. Property owners and their agents may also do structural repairs and lead-dust cleaning for interim control.

## Staying out of the home or parts of the home during deleading

To protect the people who live in the home or apartment being deleaded, the law also has rules about making sure they stay out of the home or apartment, or the area being worked on, in these ways:

- All people and pets have to be <u>temporarily moved from the home or apartment for the whole time</u> that high- or moderate-risk deleading work is taking place inside the home or apartment. The owner has to provide residents with a reasonable alternative place to live for this time. Property owners and residents should refer to the CLPPP document, "Notice to Property Owners and Tenants: Tenants' Rights, Responsibilities, and Remedies" for more information on alternative housing during deleading.
- People and pets have to stay out of the work area while most low-risk deleading work,

structural repairs or cleaning of lead dust, is taking place. They also have to stay out of the work area when deleading work of any kind is taking place in common areas outside the home or apartment, as long as they have another regular way (not a fire escape) to go in and out of the building. In these cases, people and pets can use the area once cleanup is completed after all the work in the area is done.

• People and pets have to stay <u>out of the home or apartment for the day</u> during application of encapsulants with an airless sprayer. They also have to stay out for the day during deleading of common areas when they do not have another regular way to go in and out of the building. When people and pets are out of their home or apartment for the day, it means they can come back to the home or apartment after cleanup at the end of the workday, and don't have to be out overnight.

It is very important that people whose home or apartment is being deleaded think carefully about what they will need during the time they are away from home, and take it with them. No one can return to a home or apartment while deleading that requires them to be out is still taking place, and has not been properly cleaned up. Property owners and residents must take deleading safety rules seriously and cooperate fully to make sure everyone is protected. No one should interfere with the work being done safely.

### Getting ready for deleading to begin

People who live in a home or apartment in which any kind of deleading work is going to be taking place have to get written notice at least 10 days before the start of this work. This applies also to other residents of a building, if any deleading work will take place in common areas. Before deleading work begins, all household possessions of every type should be removed or stored in plastic bags in non-work areas. Closets and cabinets to be deleaded must be emptied. As a last resort, large furniture and belongings not removed from the work area should be put in plastic bags and left in the center of the room, where they will be covered with heavy plastic by the person doing the deleading. The reason for this is to protect everything in the home or apartment from lead dust contamination. Belongings must also be protected before an owner or agent performs low-risk deleading work, or other work that may be required for interim control, but the precautions are not as extensive for this type of work. In general, it is recommended that furniture and belongings be moved outside the work area, or covered with thick plastic and sealed with duct tape, before low-risk deleading begins.

### Cleanup after deleading and returning home

A final cleanup will be done at least two hours after all the interior high- or moderate-risk deleading work is done. This delay is to make sure that fine lead dust will settle out of the air and be removed in the final cleanup. People and pets who were temporarily moved to alternative housing can return <u>only after</u> a **lead inspector or risk assessor** says that the home is safe. The inspector decides this after doing a reoccupancy reinspection, which includes an analysis of lead dust levels within the home. Residents should leave a phone number where they can be reached so that the inspector or risk assessor can call them and let them know when it is safe to return home. If the property owner or agent is going to be doing low-risk deleading work or other work for interim control after the residents return home, they will be taking some safety steps for this, as described in the CLPPP low-risk booklet. They will also be doing a cleanup when they are done with the low-risk work. An inspector or risk assessor will return at the completion of all the work and do a reinspection to check the owner's or agent's work.

### Temporary ways to protect children from lead poisoning

Children exposed to lead paint hazards are at risk of becoming lead poisoned. This disease can affect every part of a young child's developing body, and in particular, can seriously and permanently hurt the brain, kidneys and nervous system. Even at lower levels of exposure, lead can cause children to have learning and behavioral problems.

The best and only permanent way to protect children from lead poisoning is deleading. But even before that process begins, there are some important steps that can be taken to protect young children from lead poisoning. Your lead inspector's or risk assessor's advice should be carefully followed because he or she knows your child's home.

As part of their normal behavior, young children place things in their mouths, especially toys and their own fingers. If there are lead paint chips and dust in your home, they may be picked up by your child's fingers, as well as by toys, foods and pacifiers that fall on the floor, and end up in your child's mouth. It is especially important to wash your child's toys and to keep your child's hands clean, particularly before meals and at bedtime.

Areas of peeling or chipping lead paint and dust should be cleaned. Wet wiping with paper towels and a general household detergent is best. Do not use your household vacuum cleaner to clean up paint chips, because this will only send fine lead dust into the air. Windows, windowsills and the floors under windows in particular are often areas from which children can get exposed to lead. Sills should be cleaned regularly if paint dust or flakes collect there. If windows are in poor condition, the best thing to do may be to keep the lower sash closed and open only the upper sash for ventilation. (This also protects your child from accidentally falling from the window.) Contact paper may be applied to areas of peeling paint on windowsills, walls or other surfaces as a temporary measure.

Sometimes furniture can be moved to block children from deteriorating paint or plaster. If deteriorating paint or plaster is in the child's bedroom, use another room as the child's room, if possible. Think of those parts of the home where your child spends most of his or her time, and try to keep them as clean as you can before your home is deleaded.

Lead paint can also get into soil. If the outside of your home has chipping or peeling paint, do not let your child play in the soil closest to the house. Be careful to wipe your shoes off on a mat before walking into your house, so you don't track in soil from these areas. Follow the advice of your lead inspector or risk assessor about soil on the property.

For more information about how the deleading process works, and how to protect your children from lead poisoning, call the toll-free CLPPP information line, at 1(800) 532-9571.

<u>Attachment D</u> Commonwealth of Massachusetts Tenant's Rights and Responsibilities


# The Commonwealth of Massachusetts

Executive Office of Health and Human Services Department of Public Health Bureau of Environmental Health Childhood Lead Poisoning Prevention Program 250 Washington Street, 7<sup>th</sup> floor Boston, MA 02108 (800) 532-9571

DEVAL L. PATRICK GOVERNOR

TIMOTHY P. MURRAY LIEUTENANT GOVERNOR

JUDYANN BIGBY, MD SECRETARY

JOHN AUERBACH COMMISSIONER

#### **NOTICE TO PROPERTY OWNERS AND TENANTS: TENANT'S RIGHTS AND RESPONSIBILITIES**

#### Violations

Lead paint violations under the Lead Law and the state Sanitary Code have been found in the home or apartment listed in the attached documents. These violations may be a danger to the health of the people living in the home or apartment. Children younger than six years old are at the most risk of being lead poisoned. Lead can damage a child's growing brain and other parts of the body. Even small amounts of lead can harm a child.

The owner of this home or apartment is responsible for removing or covering the lead violations. (This is called deleading.)

#### Legal Rights and Responsibilities

For these lead violations to be deleaded as quickly and safely as possible, it helps if both the owner and the tenant cooperate with each other. It is important that tenants and owners know their rights under state law. Because the laws are not simple, tenants may need to get legal help and/or legal advice before trying to use the rights found below.

(1) <u>Temporary Housing</u>. (Massachusetts General Laws chapter 111, section 197) Tenants and their pets **must** be temporarily moved out of the home or apartment for the whole time that high-risk or moderate-risk deleading work is taking place inside the home or apartment. They cannot return until that work is done, the unit is cleaned up and a licensed lead inspector finds that the home or apartment is safe.

The owner and tenants have to agree on a plan for temporary housing. If the tenants choose to move in with family or friends they do not have to pay rent to their landlord while they are out of their home. If they do not so choose, the owner finds the temporary housing and offers it to the tenant. The Law requires that owners pay any charges for the temporary housing the owner offers, and that tenants continue to pay their full normal rent during the time they live in the temporary housing. The temporary housing must be one that "does not cause undue economic or personal hardship to the tenant." If the temporary housing chosen by the owner would not cause a hardship, and the tenant still refuses to accept it, then the tenant has to find and arrange for his or her own temporary

Tenants' Rights Revised 1-05 Page 1 of 3

1

housing during deleading. In this case, the tenant doesn't have to pay rent for the days he or she is not at home, but has to pay the cost of the temporary housing he or she has chosen. In this case, the owner has to pay the tenant any amount by which the cost of the temporary housing first chosen by the owner is more than the rent for that period. No matter where the tenant stays, the owner must pay reasonable moving costs. Tenants are advised to get legal help if they can not agree with the owner on a plan.

#### (2) <u>Protection from Retaliatory Rent Increase or Eviction</u>.

(3)

A property owner may not evict a tenant, or increase the rent or refuse to renew the lease of a tenant in retaliation (getting even) for the tenant reporting a suspected lead paint violation to a code enforcement agency such as the local board of health. If the rent is raised, or tenants get an eviction notice or their lease is not renewed within six months after the tenants called the board of health or got their home deleaded, a court can automatically find that the owner took this action in retaliation **unless** the owner can show clear evidence that he or she had other reasons, unrelated to the violations. An **eviction based on not paying the rent is not retaliatory.** Property owners who are found to have threatened or taken actions against tenants for exercising rights under the Lead Law are liable for damages under M.G.L. c. 186, s. 18 and M.G.L. c. 93A.

A tenant who believes that the owner has retaliated against him or her because of lead violations may also file a complaint with the Massachusetts Commission Against Discrimination (MCAD).

<u>Rent Withholding</u>. (Massachusetts General Laws chapter 239, section 8A) Tenants have a basic obligation to pay rent for their home or apartment to the owner. But, if lead violations <u>are not being deleaded</u>, tenants may have a right to hold back their rent payments. Tenants may take this step **only** if they were up to date in their rent at the time the owner was notified of the lead paint violations, and they did not begin withholding until this point. Owners have the right to go to court to evict tenants for not paying rent. To fully protect themselves against attempted evictions, tenants withholding rent for Lead Law violations may need to place withheld rent money in an escrow (separate savings) account, or may be ordered to do so by the court. If these conditions are met, tenants may not be evicted for not paying rent or for any other violation that is not the tenants' fault.

Owners have the right to enter the tenants' home or apartment, if possible by appointment, but in any case in emergencies, to inspect for lead violations and to have them repaired. Tenants have a responsibility to cooperate with owners and allow all necessary access to their home or apartment for repairs. Tenants who do not cooperate with this right of entry may be subject to eviction. If rent was withheld, the court may order that all or part of the withheld rent be paid to the owner after the violations are deleaded.

(4) <u>Abatement of Rent or Damages</u>. Even when the rent withholding statute does not apply, tenants may be able to have their rent reduced or get back rent they have already paid, if their home or apartment has Lead Law violations. The landlord always has a duty to provide housing that meets basic housing standards. A tenant can bring a court action for breach of this "implied warranty".

(5) <u>"Rent Receivership"</u>. (Massachusetts General Laws, chapter 111, sections 127C - 127J) Tenants' Rights Revised 1-05 Page 2 of 3 This law allows tenants, the state Childhood Lead Poisoning Prevention Program or the local board of health to ask the court to find that Lead Law violations exist, and to allow rent to be paid into court rather than to the owner, to pay for necessary repairs.

(6) <u>Owner Liability: Compensatory and Punitive Damages</u>. (Massachusetts General Laws chapter 111, section 199)

The owner of a home or apartment built before 1978 is liable for damages to a child under age six who becomes lead poisoned as a result of the owner's failure to comply with the Lead Law and regulations. The owner of such home or apartment who is notified through an Order to Correct Violations or Order to Restore Interim Control Measures of lead violations, and who willfully fails to correct the violations, in accordance with the Lead Law and Regulations, is also subject to punitive damages, which are triple the actual damages found.

**<u>NOTE</u>**: All the information presented above is only a summary of the law. Before you decide to withhold your rent or take any other legal action, it is advisable that you consult an attorney. If you can not afford to consult an attorney, you should contact the nearest Legal Services office.

#### Repainting

Violations of the Lead Law are also violations of the state Sanitary Code. Surfaces from which lead paint or other coatings have been removed have to be repainted under 105 CMR 410.020 of the state Sanitary Code. Deleaded surfaces have to be sealed and made easy to clean. Deleaded surfaces can only be repainted **after** the surfaces have been reinspected while bare and approved by a licensed lead inspector.

Tenants may want to contact the owner if the required repainting is not done. If the owner does not respond, tenants should call the local board of health.



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# The Commonwealth of Massachusetts

Executive Office of Health and Human Services Department of Public Health Bureau of Environmental Health Childhood Lead Poisoning Prevention Program 250 Washington Street, 7<sup>th</sup> floor Boston, MA 02108 (800) 532-9571

#### **NOTICE TO TENANTS OF LEAD PAINT HAZARDS**

Lead in violation of the Lead Law (Massachusetts General Laws, chapter 111, sections 189A-199B) and the state Department of Public Health's Regulations for Lead Poisoning Prevention and Control (105 Code of Massachusetts Regulations 460.000) has been found in apartment \_\_\_\_\_\_, in this building. Children exposed to lead hazards are at risk of becoming lead poisoned. This disease can affect all parts of a young child's developing body, and in particular, can seriously and permanently hurt the brain, kidneys and nervous system. Even at lower levels of exposure, lead can cause children to have learning and behavioral problems.

If you have a child under six years of age, it is important that he or she be regularly tested for lead poisoning, as the law requires. If your child has not been tested recently, you should ask your child's doctor or health care provider to test him or her. If you don't have a regular health care provider, you can call your local board of health, or the state Childhood Lead Poisoning Prevention Program (CLPPP), at 1-800-532-9571, to find out where you can get your child tested for lead for free. Lead poisoning can only be detected by such testing.

Since lead violations have been found in an apartment in this building, it is quite possible that your unit may have lead violations too. If you have a child under six years of age, you should ask the owner of your building about having your apartment inspected for lead paint. You can call your local board of health to check for lead (ask for a lead determination), or call CLPPP at 1-800-532-9571 for further advice. It is against state law for property owners to discriminate against tenants with children because of lead paint hazards in their apartment.

If deleading of apartment \_\_\_\_\_\_ will also include deleading of common hallways, staircases and porches of your building, you will get a written notice 10 days before any deleading will begin. While the deleading is being done, everyone must keep out of the areas being worked on. You have to use another way to go in and out of your building during this time. If your apartment is on the same floor and is in the work area as a common area in which deleading is being done, the person or persons doing the deleading work will protect your apartment too. They will be temporarily covering your doorway with thick plastic sheeting and taping it down with masking tape, so that fine lead dust can't be blown in, around, or under your door. If they have not properly covered areas to protect them from lead dust and debris from the deleading work, tell the owner of your building or call the state Division of Occupational Safety (DOS) at 1-800-425-0004, or CLPPP at 1-800-532-9571. If you don't have an alternative way of

Tenant Hazards 1-05 Revised 1-05 Page 1 of 2 getting in and out of your building, talk to the owner of your building, or the person or people doing the deleading, and coordinate the work.

Check your windowsills and doorways for any visible dust after deleading. Lead dust can be cleaned up with paper towels and a mixture of regular household detergent and water. If you notice lead dust from deleading in your apartment, tell the person doing the deleading, and the owner of your building.

Deleading work that is done the right way should not result in lead contamination of your building. However, if you notice any lead paint dust or debris that has not been properly cleaned up at the end of the workday, tell the owner of your building. You can also call DOS at 1-800-425-0004 or CLPPP at 1-800-532-9571 or the local health department.

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APPENDIX C Radon Laboratory Analysis Results

# AccuStar Labs

NEHA NRPP 101193 AL NRSB ARL0017

Laboratory Report For

Radon in Air

EPA Method #402-R-92-004 Liquid Scintillation NEHA Device Code 8088 NRSB Device Code 12193

Property Tested

Axiom Partners, Inc.	USCG
979 Main Street	921 Main Street
Wakefield MA 01880	Vineyard Haven MA 02568

Log Number	Device Number	Ex	posure Pe	eriod		Area Tested	Result (pCi/L)
1402703	2262237	9/17/2012	8:51 am	9/20/2012	11:12 am	Basement	1.6
1402704	2262238	9/17/2012	8:51 am	9/20/2012	11:12 am	Basement	1.5
1402705	2382769	9/17/2012	8:46 am	9/20/2012	12:03 pm	Basement	2.3
1402706	2382770	9/17/2012	8:46 am	9/20/2012	12:03 pm	Basement	2.1
1402707	2382771	9/17/2012	8:46 am	9/20/2012	12:03 pm	Field Blank	< 0.4
1402708	2382772	9/17/2012	8:46 am	9/20/2012	12:03 pm	Field Blank	< 0.4

# Comment: Axiom Partners, Inc. was e-mailed a copy of this report. A copy of this report was emailed to (b)(6) & (b)(7)(C)

Distributed By: Axiom Partners, Inc.

Date Received: 9/25/2012

Date Analyzed: 9/25/2012

Date Reported: 9/26/2012

Report Reviewed By:

(b)(6) & (b)(7)(C) \_\_\_\_\_ Report Approved By:



**Disclaimer:** 

Carolyn K. Allen President, AccuStar Labs

The uncertainty of this radon measurement is ~+/- 10 %. Factors contributing to uncertainty include statistical variations, daily and seasonal variations in radon concentrations, sample collection techniques and operation of the dwelling. Interference with test conditions may influence the test results.

This report may only be transferred to a third party in its entirety. Analytical results relate to the samples AS RECEIVED BY THE LABORATORY. Results shown on this report represent levels of radon gas measured between the dates shown in the room or area of the site identified above as "Property Tested". Incorrect information will affect results. The results may not be construed as either predictive or supportive of measurements conducted in any area of this structure at any other time. AccuStar Labs, its employees and agents are not responsible for the consequences of any action taken or not taken based upon the results reported or any verbal or written interpretation of the results.

# **RHODE ISLAND ANALYTICAL**

# WEST CHOP 1 WEST CHOP 2

# LBP INSPECTION & RISK ASSESSMENT REPORT





#### **PERFORMED AT:**

917 Main Street 921 Main Street Vineyard Haven, MA

#### **PREPARED FOR:**

Edward Rowse Architects 115 Cedar St Providence, RI 02903

#### **PREPARED BY:**

Environmental Lead Inspector/Risk Assessor State of Massachusetts License I/R-3691 Brenda J. Eastman 436 Gardners Neck Road Swansea, MA 02777 TEL: 774-526-8223 FAX: 508-674-8730 ELD1988@comcast.net Project No.: 072814-01

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### **EXECUTIVE SUMMARY**

Rhode Island Analytical was contracted to evaluate two wood frame houses and detached garage known as West Chop 1 and 2 at West Chop Light, 917 & 921 Main Street, Vineyard Haven, MA. Both houses were built in the late 1800's and most of the surfaces would have originally been painted with lead-based paint (LBP). The garage has an unknown construction date.

According to information provided to this firm, in 1993 a remediation project was executed. At the time of this evaluation, it appears that the original exterior siding, porch floor and rail systems and some exterior trim work had been replaced. All of the window sashes have been replaced and vinyl window balances installed. Our observation is that many of the interior and exterior wooden trim components have had paint removed by either scraping or sanding methods. The walls on the first floor level of each house have been enclosed with gypsum board, the walls in the staircases and most rooms on the second floor levels have the original plaster walls coated with LBP. The majority of the painted surfaces are in sound condition.

The goal of this evaluation was to measure the extent of remaining lead hazards to determine if the properties are lead-safe. The testing methods employed included the use of the Radiation Monitoring Device (RMD) LPA-1, X-ray Fluorescence analyzer (including substrate correction measures), paint chip sampling, chemical spot testing by sodium rhodizonate, lead in dust sampling and lead in soil sampling.

Normally with houses of this age, we would find XRF results to be at the highest level an XRF would yield, with uniform results across entire surface areas. Our sampling found varying results on most of the wood trim work indicating that the paint layers had been inconsistently removed.

With the exception of limited areas with minor LBP damage and some surfaces with elevated lead in dust levels, the housing units are near to a lead-safe condition. Even though many of the surfaces have LBP over the regulatory thresholds, the fact that they are in sound condition would render them lead-safe. Although not an immediate hazard, levels of lead in soil over the acceptable thresholds were found around the perimeter of each house. The soil is currently not a hazard because of sufficient grass ground cover.

# PAINT SAMPLING AND INSPECTION

## **XRF** Findings

Testing was performed by Brenda J. Eastman, Massachusetts Lead Inspector/Risk Assessor I/R-3691, and John Eastman, Massachusetts Lead Inspector/Risk Assessor I/R-3514, using the Radiation Monitoring Device (RMD) LPA-1 X-ray Fluorescence analyzer (S/N 2979, State of Massachusetts license #

The purpose of this Inspection effort is to give a general indication of the presence of lead-based paint (LBP) on surfaces that are sealed with paints, stains, varnishes, shellacs, lacquers, epoxies, polyurethanes, etc. (Surface Coatings). This LBP Inspection is an interior and exterior investigation to identify all LBP on a representative surface-by-surface basis. A LBP Inspection conforming to HUD guidelines was performed on all applicable surfaces and components at the two dwelling units' interiors, building exteriors and detached garage. The XRF locations for the LBP Inspection were taken in HUD recommended areas and on HUD recommended components and substrates. A total of 614 tests (assays) were taken at all identified surfaces on the inside and outside of the targeted dwelling units using an x-ray fluorescence analyzer. Lead concentrations that meet or exceed the HUD published levels identified as being potentially dangerous (e. g., greater than or equal to 1.0 milligrams per centimeter square [> 1.0 mg/cm<sup>2</sup>]) were encountered on interior walls, wall corner beads, ceilings, doors, door casings, door stop, thresholds, baseboard, window casings, window sills, window aprons, window wells, shelves, closet shelves and supports, hutch components, stair risers, stair stringers, stair floor casing, and exterior corner boards, doors, door casings, door jambs, thresholds, kick plates, window casings, window sills, supports columns, down spout pan, garage siding, garage upper trim and garage window exterior sash/track.

Our sampling found varying results on most of the wood trim work indicating that the paint layers had been inconsistently removed during pervious remediation projects. Fig 1 below is a good illustration of this. The picture is from a door casing inside of a closet. The black scroll separates two different levels of paint buildup. On the left side the paint was more effectively removed  $(1.3 \text{ mg/cm}^2)$  while on the right side you can observe that there was paint left unremoved (9.9 mg/cm<sup>2</sup>).



Fig. 1

Another example of inconsistent remediation is a window casing in the living room of 917 Main St. The face of the casing yielded a 0.1 mg/cm<sup>2</sup> result but, on the same casing, the edge contained 3.1 mg/cm<sup>2</sup> of lead in the paint. The other cases, readings at lower levels of a casing would be around 0.8 and, near the header, readings could be as high as 9.9 mg/cm<sup>2</sup> (instrument upper reading level). This is most likely the result of more effective scraping or sanding on the flat parts of various components. This finding coupled with incidences where outside corners of baseboards had been scraped to levels below the regulatory 1.0 mg/cm<sup>2</sup> standard would indicate that an effort had been made to comply with the Massachusetts Lead Law which requires removal of all coatings on accessible mouthable up to a height of 5 feet and other surfaces such as outside corners to baseboards.

Some of the remaining test locations exhibited lead-in-paint levels below the HUD levels, but in great enough quantities to be able to be detected by the XRF analyzer. It should be noted that lead concentrations (in paint) that are less than the levels that identify a surface coating as LBP still have the potential of causing lead poisoning. Should these or any potential LBP painted components and/or surfaces be disturbed in any manner that generates dust, extreme care must be taken to limit its spread.

Please refer to *Appendix I – XRF Lead-In-Paint Results* for the detailed XRF testing results and laboratory paint chip analysis findings.

### **Chemical Spot Test**

In an effort to identify which layers of paint were LBP and to evaluate the effectiveness of previous removal efforts, sodium rhodizonate (LeadCheck Swabs) were used at several locations. LeadCheck Swabs are EPA recognized, non-toxic and provide an instant test for lead on most surfaces, including wood, ferrous metal (alloys that contain iron), drywall and plaster. When lead is detected, swabs and/or the surfaces being tested turn pink or red depending on the concentration of lead present. After scraping an area of paint down to the bare substrate, on all seven surfaces tested, the sodium rhodizonate indicated that lead was present. As seen in Figs. 2 & 3 below, a residue remains in the wood substrate as indicated by the red coloring. This would most likely confirm that the variation in XRF findings on most surfaces is a function of insufficient removal of leaded primer coats of paint.



### Substrate Corrections

In the Scope of Additional Work, Martha's Vineyard Housing (PSN 6089527), the issue of possible XRF "read through" on gypsum board-encapsulated plaster was detailed. As detailed in the HUD Guidelines for the Evaluation and Control of Lead-Based Paint Hazards in Housing (2012 Edition), XRF readings are sometimes subject to systematic biases (read through) as a result of interference from substrate material beneath the paint. The magnitude and direction of bias depends on the substrate, the specific XRF instrument being used, and other factors such as temperature and humidity. Results can be biased in either the positive or negative direction and may be quite high.

Some XRF instruments such as the RMD LPA-1 used for the types of surfaces assessed in this survey, do not need to have their readings corrected for substrate bias on most substrates. Other instruments may only need to apply substrate correction procedures on specific substrates and/or when XRF results are below a specific value. The XRF Performance Characteristic Sheet (See **Appendix V**) should be consulted to determine the requirements for a specific instrument and each mode of operation (e.g., nominal time, or time required for intended precision).

XRF results are corrected for substrate bias by subtracting a correction value determined separately in each house for each type of substrate where lead paint values are in the substrate correction range indicated on the XRF Performance Characteristic Sheet (PCS). In single-family housing, the substrate correction value is determined using the specific instrument(s) used in that house. The correction value (formerly called "Substrate Equivalent Lead" or "SEL") is an average of six XRF readings, with three taken from each of two test locations that have been scraped visually clean of their paint coating. The locations selected for removal of paint should have an initial XRF reading on the painted surface of less than 2.5 mg/cm<sup>2</sup>, if possible. If all initial readings on a substrate type are greater than 2.5 mg/cm<sup>2</sup>, the locations with the lowest initial reading should be chosen. Because available data indicate that surfaces with XRF readings in excess of about 3.0 mg/cm<sup>2</sup> or 4.0 mg/cm<sup>2</sup> are almost always coated with lead-based paint, and since bleed-through of lead into the substrate may occur, or pipes and similarly interfering building components may be behind the material being evaluated, locations with such high readings should be avoided for substrate correction.

This firm reviewed the reports of surveys conducted at these properties in 2004 by Franklin Analytical Services Inc. The type of instrument utilized was a PGT XK-3. This is an older type of instrument which is known as a direct reading XRF which are prone to read through. The RMD LPA-1employed for the current survey is a newer generation instrument known as a spectrum analyzer and was designed to avoid the problem of background interference.

Some of the positive findings on walls in the Franklin report were questioned because it is known that these walls had been covered during the 1993 lead paint removal and encapsulation project with new gypsum. The current survey yielded negative results on walls that had been enclosed with gypsum. Substrate correction measures were not necessary. On seven wooden surfaces, paint was scraped down to bare substrate (Fig. 4) to determine the SEL. In all cases the difference between the original reading and the corrected reading was within the instruments standard deviation of 0.3 mg/cm<sup>2</sup> and did not change the finding of LBP.



# **IDENTIFIED LBP HAZARDS**

As of the date of the Evaluations, the exterior painted wood components of the structures were in reasonably good structural condition, as were the interior plaster and gypsum wallboard (GWB) wall surfaces and wood trim components.

Minor paint damage was observed on interior plaster walls, doors, door casings, door jambs, thresholds, window wells, baseboard, closet shelves and supports, closet walls and ceilings, stair risers, and stair floor casing.

Minor to moderate paint damage was observed on exterior support columns, thresholds, access door and garage upper trim. Upper trim and joists at 921 Main St. have moderate paint damage, were inaccessible, and should be assumed positive.

The analytical results from the samples collected, showed that LBP hazards exist, as defined in the Residential LBP Hazard Reduction Act of 1992 (Title X) and as defined by the Environmental Protection Agency (EPA) regulation published in the January 5, 2001 Federal Register. The Evaluation results indicate that lead levels meet or exceed the EPA and/or US Department of Housing and Urban Development (HUD) standards in the following locations:

### Existing lead hazards - 917 Main Street

- Minor paint damage on interior plaster walls, doors, door casings, door jambs, threshold, window wells, baseboard, closet shelves and supports, closet walls and ceilings.
- Minor paint damage on exterior support columns and threshold.
- Dust lead hazards were identified at one (1) interior window sill and two (2) interior window wells.

### Existing lead hazards - 921 Main Street

- Minor paint damage on interior plaster walls, doors, door casings, door jambs, window wells, baseboard, closet shelves and supports, closet walls and ceilings, stair risers, and stair floor casing.
- Minor to moderate paint damage on exterior support columns, threshold and access door, upper trim and joists.
- Moderate paint damage on exterior garage upper trim.
- Dust lead hazards were identified on one (1) floor, one (1) interior window sill and one (1) interior window well.

Hazard control options are discussed later in this report.

# CONCLUSION

Both properties are in an overall good condition. There are limited areas with minor to moderate LBP damage and some surfaces with elevated lead in dust levels. Even though many of the surfaces have LBP over the regulatory thresholds, the fact that they are in sound condition would render them lead-safe.

Our recommendation would be that properly trained personnel, following HUD, EPA and OSHA guidelines and/or regulations for Lead Safe Work Practices, make all damaged painted surfaces intact. Window wells should be securely covered with aluminum coil stock. Thorough cleaning should be conducted on all surfaces using a HEPA vacuum and a high phosphate cleaner. Post cleaning and prior to occupancy, a duly authorized inspector should conduct a visual inspection and dust sampling to ensure that the housing units are lead-safe to HUD standards. This, however, will not satisfy the Massachusetts definition of lead compliance.

Any component with deteriorated paint that is not tested and does not have a painting history similar to a tested component should be considered a LBP hazard. In the event that all paint tests are below the standard, the owner cannot presume that all surfaces in the dwelling are free of LBP, since not all surfaces were tested. Instead, the owner must have a complete lead-based paint inspection (not a risk assessment) performed to document the absence of lead-based paint on a property.

Although high levels of lead in soil were detected around the perimeter of each house, the soil is currently not a hazard because of sufficient grass ground cover. As long as covering remains in place the soil will be considered lead-safe.

# PAINT CHIP SAMPLING & LABORATORY INFORMATION

A total of 9 confirmatory paint chip samples were collected, 8 from 917 Main Street and 1 from 921 Main Street. If paint contains lead equal to or greater than either of the following levels, it is considered to be LBP under the Lead-Based Paint Poisoning Prevention Act ( $5,000 \ \mu g/g$  (also expressed as 0.5 percent by weight, 5,000 mg/kg, or 5,000 ppm by weight). Paint chip samples analyzed in the laboratory by atomic absorption spectroscopy or inductively coupled plasma emission spectroscopy will usually be reported by weight percent. 1.0 mg/cm<sup>2</sup> (XRF machines report lead content by area). These are not equivalent standards. They are alternative standards, which are necessary because of the fundamentally different methods of measurement: the first is a concentration (mass over mass), and the second, "loading" (mass over area).

As indicated below, lead in paint quantities greater than EPA, HUD, and Massachusetts standards were detected in the two units tested. Out of 9 samples collected, 8 were over the regulatory thresholds. Please refer to *Appendix II Paint Sampling Analytical Results* for the laboratory reports.

917	Main	Street

Sample No.	Location	Component	Substrate	Weight Total ug	Test Results Conc. By %
109078- 001-1P	Liv. Room	Window Case	Wood	12800	5.47%
109078- 002-2P	Din. Room	Door Case	Wood	7460	2.39%
109078- 003-3P	Bedroom 3	Wall	Plaster	24700	7.19%
109078- 004-4P	Ext. B	Window Case	Wood	1730	0.531%
109078- 006-6P	Porch D	Support Col.	Wood	37000	10.7%
109078- 007-7P	Porch A	Support Col.	Wood	24300	7.23%
109078- 008-8P	Ext. D	Window Sill	Wood	2030	0.614%

#### 921 Main Street

Sample No.	Location	Component	Substrate	Sample Size (ft²)	Test Results (µg/ft²)
109077- 001-9P	Bathroom 1	Window sill	Wood	3770	1.11%

#### Laboratory Information:

Schneider Laboratories Global 2512 W. Cary Street Richmond, Virginia 23220 Phone (800) 785-5227 Paint Chip Analysis Protocol

EPA Method 7000B, using preparation method EPA 3050B

National Lead Laboratory Accreditation Program Serial number: #100527

# **INTERIOR DUST SAMPLING & LABORATORY INFORMATION**

A total of 20 dust wipe samples were collected, 10 from each building, in an effort to help to determine the levels of lead-containing dust on the interior window sills, wells and floors. These samples were collected from areas most likely to be lead contaminated if lead-in-dust is present. EPA, HUD and State of Massachusetts regulations define the following as hazardous levels for lead dust in residences: floors  $- \ge 40 \ \mu g/ft^2$  (micrograms per square foot); interior windowsills  $- \ge 250 \ \mu g/ft^2$ ; and, interior window wells  $- \ge 400 \ \mu g/ft^2$ .

As indicated below, leaded dust in quantities greater than EPA, HUD, and Massachusetts standards were detected in the two units tested. Out of 20 samples collected at random locations, six were over the regulatory thresholds. All other testing locations registered lead levels below the EPA, HUD and State of Massachusetts standards. Please refer to *Appendix III Dust Wipe Analytical Results* for the laboratory reports.

#### 917 Main Street

Sample No.	Location	Component	Substrate	Sample Size (ft <sup>2</sup> )	Test Results (µg/ft <sup>2</sup> )
109080- 008-18	Bedroom 3	Window sill	Wood	0.711	274
109080- 009-19	Liv. Room	Window well	Wood	0.944	738
109080- 010-20	Bedroom 1	Window well	Wood	0.642	528

#### 921 Main Street

Sample No.	Location	Component	Substrate	Sample Size (ft²)	Test Results (µg/ft²)
109079- 001-1D	Liv. Room	Window sill	Wood	1.03	12,100
109079- 003-3D	Kitchen	Floor	Wood	1.00	226
109079- 009-9D	Liv. Room	Window well	Wood	0.977	48,700

### Laboratory Information:

Schneider Laboratories Global 2512 W. Cary Street Richmond, Virginia 23220 Phone (800) 785-5227 Dust Analysis Protocol

EPA Method 7000B, implementing a microwave-assisted digestion process.

National Lead Laboratory Accreditation Program Serial number: #100527

## SOIL SAMPLING AND LABORATORY INFORMATION

A total of 8 composite soil samples were collected at these properties. A composite sample is a sample containing soil from a stated number of locations mixed together to form a composite sample. One composite sample was collected from each building side. The samples were collected from grass covered areas with very limited areas of bare soil.

The analytical results identified hazardous lead concentrations as defined by EPA and HUD in three (s) composite samples taken from 917 Main Street and four (4) composite samples taken from 921 Main Street. EPA and HUD define hazardous lead-in-soil levels as follows: High contact play areas  $- \ge 400$  ppm; all other bare soil areas  $- \ge 1,200$  ppm. Please refer to *Appendix IV- Soil Sample Analytical Results* for the laboratory reports. Listed below are the specific areas with soil-lead levels above EPA and HUD acceptable levels.

#### 917 Main Street

Sample No.	Туре	Location	Comments	Test Results (ppm)
109076-002 1S	Composite	B Side Drip line	Grass Cover	5820
109076-003 3S	Composite	C Side Drip line	Grass Cover	1320
109076-004 4S	Composite	D Side Drip line	Grass Cover	1810

#### 921 Main Street

Sample No.	Туре	Location	Comments	Test Results (ppm)
109081-001 5S	Composite	A Side Drip line	Grass Cover	2750
109081-002 6S	Composite	B Side Drip line	Grass Cover	3880
109081-003 7S	Composite	C Side Drip line	Grass Cover	2760
109081-004 8S	Composite	D Side Drip line	Grass Cover	2710

## Laboratory Information:

Schneider Laboratories Global 2512 W. Cary Street Richmond, Virginia 23220 Phone (800) 785-5227 Soil Analysis Protocol

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## LBP HAZARD CONTROL OPTIONS

Lead-safe work practices and worker/occupant protection practices complying with current EPA, HUD and OSHA standards will be necessary to safely complete all work involving the disturbance of LBP coated surfaces and components. In addition, any work considered Lead Hazard Control would enlist the use of interim control (temporary) methods and/or abatement (permanent) methods. It should be noted that all lead hazard control activities have the potential of creating additional hazards, or even creating hazards that were not present before. Therefore, all designs, plans or specifications that are developed for lead hazard control should be developed by, a certified/licensed Project Designer. Additionally, all persons and/or firms performing lead hazard control activities must have received proper training in HUD Approved Lead-Safe Work Practices and/or EPA or state accredited/certified Lead Abatement. Details for the listed lead hazard control options and issues surrounding occupant/worker protection practices can be found in the publication entitled: *Guidelines for the Evaluation and Control of LBP Hazards in Housing (2012)* published by the HUD, as well as in the Occupational Safety and Health Administration (OSHA) regulations found in 29 CFR, Part 1926.62, known as the OSHA Lead Exposure in Construction Industry Standard.

**Interim controls**, as defined by HUD, means a set of measures designed to temporarily reduce human exposure to LBP hazards and/or lead containing materials. These activities include, but are not limited to: component and/or substrate repairs; paint and varnish repairs; the removal of dust-lead hazards; renovation; remodeling; maintenance; temporary containment; placement of seed, sod or other forms of vegetation over bare soil areas; the placement of at least 6 inches of an appropriate mulch material over an impervious material, laid on top of bare soil areas; the tilling of bare soil areas; extensive and specialized cleaning; and, ongoing LBP maintenance activities. Unless directed otherwise by more stringent requirements of State agencies, **ONLY** Persons who have received HUD approved lead-safe work practices training, from a HUD Approved training provider, must accomplish all renovation/remodeling/maintenance type work.

**Abatement**, as defined by HUD, means any set of measures designed to permanently eliminate LBP and/or LBP hazards. The product manufacturer and/or contractor must warrant abatement methods to last a minimum of twenty (20) years, or these methods must have a design life of at least twenty (20) years. These activities include, but are not necessarily limited to: the removal of LBP from substrates and components; the replacement of components or fixtures with lead containing materials and/or lead containing paint; the permanent enclosure of LBP with construction materials; the encapsulation of LBP with approved products; the removal or permanent covering (concrete or asphalt) of soil-lead hazards; and, extensive and specialized cleaning activities. All abatement work must be accomplished **ONLY** by properly trained and EPA or State licensed/certified staff using appropriate lead-safe work practices. All lead hazard control/abatement specifications, plans or designs should be detailed by a certified/licensed Project Designer.

# ADDITIONAL NOTES

Clean up of the remediated areas should be accomplished on an ongoing basis throughout all activities that impact or disturb any known or assumed lead containing materials (LCM) and Paint. When a material, surface coating, substrate, component, or surface is to be impacted as a result of any activity and the lead content is not known, those areas and/or items should be assumed to contain hazardous concentrations of lead. Accumulation of debris is not recommended, and all plastic drop cloths must be replaced and disposed of properly each day. All trash must be promptly and properly removed from the site and the area left clean and as close to original condition as possible. Following the HUD guidelines will help increase the chances of attaining HUD and State lead in dust clearance levels.

Great care should be taken by the Owner and Contractor if, at a later date, any repair, maintenance, remodeling or renovation activities disturb any paint where the concentrations of lead are not known. In lieu of any additional testing, all surfaces and paint should be assumed to contain hazardous and hazardous levels of lead.

# LBP HAZARD CONTROL PLAN

Except in the case of complete removal of all LBP, some level of ongoing management and maintenance of LBP hazards are recommended for all properties. Owners of some dwelling units may have adequate manage staff in place to address LBP concerns, but this new responsibility may not be understood. The Owner should assign responsibility for managing the various aspects of a LBP hazard control program. This program should be described in a LBP Hazard Control Policy Statement. The statement should document the owner's awareness of the LBP hazard problem and intention to control it. The statement should also authorize a specific individual to carry out the LBP hazard control plan.

HUD LBP Inspection & Risk Assessment

Address: 917 & 921 Main St. Vineyard Haven, MA

APPENDIX I XRF LEAD-IN-PAINT RESULTS

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									Substrate	Paint Chip
Component	Substrate	Side	Condition	Floor	Room	XRF-1	XRF-2	Results	Correction	Results
Calibration							0.9			
Calibration							0.8			
Calibration							0.9			
Wall	Gypsum	A	Intact	1	Living Room		-0.1	Neg		
Wall	Gypsum	В	Intact	1	Living Room		-0.1	Neg		
Wall	Gypsum	c	Intact	1	Living Room		0.0	Neg		
Wall	Gypsum	D	Intact	1	Living Room		-0.2	Neg		
Baseboard	Wood	В	Intact	1	Living Room		9.9	SOG		
Floor	Wood		Intact	1	Living Room		0.0	Neg		
Door	Wood	В	Intact	1	Living Room		0.5	Neg		
Door Casing	Wood	В	Intact	1	Living Room		0.0	Neg		
Door Casing Header	Wood	В	Intact	1	Living Room		1.0	Pos		
Door Jamb	Wood	В	Intact	1	Living Room		0.2	Neg		
Window Sill	Wood	D	Intact	1	Living Room		0.3	Neg		
Window Casing	Wood	D	Intact	1	Living Room	3.2 Edge	0.1	Pos	3.2/0.1 = 3.1	5.478
Window Apron	Wood	D	Intact	1	Living Room		-0.1	Neg		
Window Interior Stop	Wood	D	Intact	1	Living Room		-0.2	Neg		
Window Interior Sash	Wood	D	Intact	1	Living Room		0.0	Neg		
Window Exterior Sash	Wood	D	Intact	1	Living Room		0.1	Neg		
Window Well	Wood	D	Intact	г	Living Room		2.0	Pos		
Radiator	Metal	A	Intact	1	Living Room		-0.2	Neg		
Pipe	Metal	A	Intact	1	Living Room		0.0	Neg		
Ceiling	Plaster		Intact	1	Dining Room		0.1	Neg		
Wall	Gypsum	A	Intact	1	Dining Room		-0.3	Neg		
Wall	Gypsum	В	Intact	1	Dining Room		-0.1	Neg		
Wall	Gypsum	υ	Intact	1	Dining Room		-0.1	Neg		
Wall	Gypsum	D	Intact	Ч	Dining Room		-0.2	Neg		
Baseboard	Wood	В	Intact	1	Dining Room	0.0 Outside Corner	9.9	Pos		
Floor	Wood		Intact	1	Dining Room		0.0	Neg		
Door	Wood	D(L)	Intact	Ч	Dining Room		0.1	Neg		
Door Casing	Wood	D(L)	Intact	1	Dining Room		3.5	Pos	3.5/0.5 = 3.1	2.39%
Door Jamb	Wood	D(L)	Intact	1	Dining Room		0.5	Neg		
Door	Wood	D(R)	Intact	1	Dining Room		0.0	Neg		
Door Casing	Wood	D(R)	Intact	1	Dining Room		6.5	Pos		
Door Jamb	Wood	D(R)	Intact	1	Dining Room		4.6	Pos		

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Component	Substrate	Side	Condition	Floor	Room	XRF-1	XRF-2	Results	Correction	Results
Door Stop	Wood	A	Intact	1	Dining Room		9.9	Pos		
Window Sill	Wood	B(R)	Intact	1	Dining Room		-0.2	Neg		
Window Casing	Wood	B(R)	Intact	1	Dining Room		0.0	Neg		
Window Apron	Mood	B(R)	Intact	1	Dining Room		0.0	Neg		
Window Interior Stop	Wood	B(R)	Intact	1	Dining Room		-0.1	Neg		
Window Interior Sash	Wood	B(R)	Intact	1	Dining Room		0.2	Neg		
Window Exterior Sash	Wood	B(R)	Intact	1	Dining Room		0.1	Neg		
Window Well	Wood	B(R)	Intact	1	Dining Room		0.8	Neg		
Closet Door	Mood	D	Intact	1	Dining Room		0.0	Neg		
Closet Door Casing	Mood	D	Poor	1	Dining Room		5.9	Pos		
Closet Door Jamb	Wood	D	Poor	1	Dining Room		2.9	Pos		
Closet Wall	Plaster	D	Poor	1	Dining Room		6.9	Pos		
Closet Baseboard	Wood	D	Poor	1	Dining Room		9.9	Pos		
Closet Shelf (Lower)	Mood	D	Intact	1	Dining Room		0.1	Neg		
Closet Shelf (Upper)	Wood	D	Poor	1	Dining Room		2.7	Pos		
Closet Shelf Support	Wood	D	Poor	1	Dining Room		9.9	Pos		
Closet Ceiling	Plaster	D	Intact	1	Dining Room		0.0	Neg		
Radiator	Metal	A	Intact	1	Dining Room		-0.1	Neg		
Wall	Gypsum	A	Intact	1	Laundry		-0.2	Neg		
Wall	Gypsum	В	Intact	1	Laundry		0.0	Neg		
Wall	Gypsum	С	Intact	1	Laundry		0.1	Neg		
Wall	Gypsum	D	Intact	1	Laundry		-0.1	Neg		
Baseboard	Wood	υ	Poor	1	Laundry		9.9	Pos		
Door Casing	Wood	D	Intact	1	Laundry		6.3	Pos	60	
Door Jamb	Wood	D	Poor	1	Laundry		9.9	Pos		
Threshold	Wood	D	Intact	1	Laundry		-0.1	Neg		
Window Sill	Wood	υ	Intact	1	Laundry		0.3	Neg		
Window Casing	Wood	υ	Intact	1	Laundry		4.5	Pos		
Window Apron	Wood	U	Intact	1	Laundry		0.1	Neg		
Window Interior Stop	Wood	υ	Intact	1	Laundry		-0.2	Neg		
Window Interior Sash	Wood	υ	Intact	l	Laundry		0.0	Neg		
Window Exterior Sash	Wood	υ	Intact	1	Laundry		0.0	Neg		
Window Well	Wood	υ	Poor	1	Laundry		1.4	Pos		
Ceiling	Plaster		Intact	1	Bathroom 1		-0.3	Neg		
Wall	Gypsum	A	Intact	1	Bathroom 1		-0.2	Neg		

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Component	Substrate	Side	Condition	Floor	Room	XRF-1	XRF-2	Results	Correction	Results
Wall	Gypsum	В	Intact	1	Bathroom 1		-0.2	Neg		
Wall	Gypsum	C	Intact	1	Bathroom 1		-0.3	Neg		
Wall	Gypsum	D	Intact	1	Bathroom 1		0.1	Neg		
Baseboard	Wood	В	Intact	1	Bathroom 1	0.0 Outside Corner	9.9	Pos		
Door	Wood	A	Intact	1	Bathroom 1		-0.3	Neg		
Door Casing	Wood	A	Intact	1	Bathroom 1		8.8	Pos		
Door Jamb	Wood	A	Intact	1	Bathroom 1		1.9	Pos		
Threshold	Wood	A	Intact	1	Bathroom 1		0.0	Neg		
Window Sill	Wood	υ	Intact	1	Bathroom 1		0.2	Neg		
Window Casing	Wood	U	Intact	l	Bathroom 1		4.3	Pos		
Window Apron	Wood	υ	Intact	1	Bathroom 1		0.0	Neg		
Window Interior Stop	Wood	υ	Intact	1	Bathroom 1		-0.1	Neg		
Window Interior Sash	Wood	c	Intact	1	Bathroom 1		0.1	Neg		
Window Exterior Sash	Wood	J	Intact	1	Bathroom 1		0.2	Neg		
Window Well	Wood	U	Poor	1	Bathroom 1		1.9	Pos		
Wall	Gypsum	A	Intact	1	Foyer		-0.1	Neg		
Wall	Gypsum	В	Intact	1	Foyer		-0.3	Neg		
Wall	Gypsum	U	Intact	1	Foyer		-0.2	Neg		
Wall	Gypsum	D	Intact	1	Foyer		-0.1	Neg		
Baseboard	Wood	в	Intact	1	Foyer		9.9	Pos		
Door Casing	Wood	A	Intact	1	Foyer		1.0	Pos		
Door Jamb	Wood	А	Intact	1	Foyer		1.8	Pos		
Threshold	Wood	A	Intact	1	Foyer		0.1	Neg		
Door	Wood	D	Friction	1	Foyer		2.2	Pos		
Door Casing	Wood	D	Intact	1	Foyer		0.0	Neg		
Door Jamb	Wood	D	Intact	1	Foyer		2.1	Pos		
Threshold	Wood	D	Intact	1	Foyer		-0.1	Neg		
Wall	Gypsum	А	Intact	1	Kitchen		0.0	Neg		
Wall	Gypsum	В	Intact	1	Kitchen		0.1	Neg		
Wall	Gypsum	υ	Intact	1	Kitchen		-0.1	Neg		
Wall	Gypsum	D	Intact	1	Kitchen		0.1	Neg		
Baseboard	Wood	В	Intact	1	Kitchen		9.9	Pos		
Door	Wood	B(R)	Intact	1	Kitchen		0.0	Neg		
Door Casing	Wood	B(R)	Intact	٦	Kitchen		1.4	Pos		
Door Jamb	Wood	B(R)	Intact	l	Kitchen		2.4	Pos		

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Component	Substrate	Side	Condition	Floor	Room	XRF-1	XRF-2	Results	Correction	Results
Door Casing	Wood	U	Intact	1	Kitchen		1.0	Pos		
Threshold	Wood	С	Intact	1	Kitchen		0.0	Neg		
Window Sill	Wood	C	Intact	1	Kitchen		-0.3	Neg		
Window Casing	Wood	С	Intact	1	Kitchen		-0.2	Neg		
Window Apron	Wood	υ	Intact	1	Kitchen		-0.2	Neg		
Window Interior Stop	Wood	υ	Intact	1	Kitchen		0.0	Neg		
Window Interior Sash	Wood	υ	Intact	1	Kitchen		-0.1	Neg		
Window Exterior Sash	Wood	C	Intact	1	Kitchen		0.1	Neg		
Window Well	Wood	υ	Intact	1	Kitchen		7.3	Pos		
Ceiling	Plaster		Intact	1	Staircase		1.0	Pos		
Wall	Plaster	A	Intact	1	Staircase		3.3	Pos		
Wall	Plaster	В	Intact	1	Staircase		9.9	Pos		
Wall	Plaster	c	Intact	1	Staircase		6.9	Pos		
Wall	Plaster	D	Intact	Ч	Staircase		9.9	Pos		
Baseboard	Wood	В	Intact	Ч	Staircase		9.9	Pos		
Door	Wood	A	Intact	1	Staircase		-0.2	Neg		
Door Casing	Wood	A	Intact	Ч	Staircase	9.4 Edge	0.7	Pos		
Door Jamb	Wood	A	Poor	1	Staircase	9.9 Header	5.0	Pos		
Threshold	Wood	A	Intact	1	Staircase		-0.2	Neg		
Door	Wood	В	Intact	1	Staircase		0.0	Neg		
Window Sill	Wood	A	Intact	1	Staircase		-0.2	Neg		
Window Casing	Wood	A	Intact	1	Staircase		3.1	Pos		
Window Apron	Wood	A	Intact	1	Staircase		1.2	Pos		
Window Interior Stop	Wood	A	Intact	1	Staircase		0.3	Neg		
Window Interior Sash	Wood	A	Intact	1	Staircase		0.1	Neg		
Window Exterior Sash	Wood	A	Intact	1	Staircase		0.0	Neg		
Window Well	Wood	A	Poor	1	Staircase		1.9	Pos		
Newel Post	Wood		Intact	1	Staircase		0.1	Neg		
Railing Cap	Wood		Intact	٦	Staircase		-0.1	Neg		
Handrail	Моод		Intact	г	Staircase		-0.2	Neg		
Baluster	Wood		Intact	1	Staircase		0.0	Neg		
Stair Tread	Wood		Intact	1	Staircase		0.2	Neg		
Stair Riser	Wood		Intact	Ч	Staircase		9.9	Pos		
Stringer	Wood		Intact	1	Staircase		9.9	Pos		
Door	Wood	A(R)	Poor	2	Staircase		4.7	Pos		

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Component	Substrate	Side	Condition	Floor	Room	XRF-1	XRF-2	Results	Correction	Results
Door Casing	Wood	A(R)	Intact	2	Staircase		0.3	Neg		
Door Jamb	Wood	A(R)	Poor	2	Staircase		4.5	Pos		
Closet Door	Wood	A	Intact	2	Staircase		3.5	Pos		
Closet Door Casing	Wood	A	Intact	2	Staircase		0.7	Neg		
Closet Door Jamb	Wood	A	Intact	2	Staircase		5.0	Pos		
Closet Wall	Plaster	A	Intact	2	Staircase		6.9	Pos		
Closet Baseboard	Wood	A	Intact	2	Staircase		6.9	Pos		
Closet Shelf	Mood	A	Intact	2	Staircase		7.1	Pos		
Closet Shelf Support	Wood	A	Intact	2	Staircase		7.0	Pos		
Closet Ceiling	Plaster	A	Intact	2	Staircase		6.6	Pos		
Radiator	Metal	В	Intact	2	Staircase		-0.3	Neg		
Ceiling	Plaster		Intact	2	Bedroom 1		4.9	Pos		
Wall	Plaster	A	Intact	2	Bedroom 1		6.7	Pos		
Wall	Plaster	В	Intact	2	Bedroom 1		6.3	Pos		
Wall	Plaster	υ	Intact	2	Bedroom 1		4.0	Pos		
Wall	Plaster	D	Intact	2	Bedroom 1		7.1	Pos		
Baseboard	Wood	A	Intact	2	Bedroom 1		9.9	Pos		
Floor	Wood		Intact	2	Bedroom 1		0.0	Neg		
Door	Wood	C(T)	Intact	2	Bedroom 1		0.0	Neg		
Door Casing	Wood	C(L)	Intact	2	Bedroom 1		1.0	Pos		
Door Jamb	Wood	C(T)	Poor	2	Bedroom 1		6.4	Pos		
Window Sill	Wood	A	Intact	2	Bedroom 1		2.2	Pos		
Window Casing	Wood	A	Intact	2	Bedroom 1	7.6 molding	1.0	Pos		
Window Apron	Wood	A	Intact	2	Bedroom 1		2.6	Pos		
Window Interior Stop	Wood	A	Intact	2	Bedroom 1		0.1	Neg		
Window Interior Sash	Wood	A	Intact	2	Bedroom 1		0.2	Neg		
Window Exterior Sash	Wood	A	Intact	2	Bedroom 1		0.1	Neg		
Window Well	Wood	A	Poor	2	Bedroom 1		6.8	Pos		
Window I Hook	Metal	A	Intact	2	Bedroom 1		0.4	Neg		
Closet Door	Wood	U	Intact	2	Bedroom 1		-0.2	Neg		
Closet Door Casing	Wood	U	Poor	2	Bedroom 1	9.9 Header	1.7	Pos		
Closet Door Jamb	Wood	υ	Intact	2	Bedroom 1		3.4	Pos		
Closet Wall	Plaster	U	Intact	2	Bedroom 1		9.9	Pos		
Closet Baseboard	Wood	υ	Intact	0	Bedroom 1		6.0	Pos		
Closet Ceiling	Plaster	υ	Intact	2	Bedroom 1		9.9	Pos		

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Component	Substrate	Side	Condition	Floor	Room	XRF-1	XRF-2	Results	Correction	Results
Radiator	Metal	В	Intact	2	Bedroom 1		0.1	Neg		
Ceiling	Plaster		Intact	2	Bedroom 2		7.2	Pos		
Wall	Plaster	A	Intact	2	Bedroom 2		7.5	Pos		
Wall	Plaster	В	Intact	2	Bedroom 2		7.0	Pos		
Wall	Plaster	C	Intact	2	Bedroom 2		7.1	Pos		
Wall	Plaster	D	Intact	2	Bedroom 2		9.9	Pos		
Baseboard	Wood	В	Poor	2	Bedroom 2		9.9	Pos		
Floor	Wood		Intact	2	Bedroom 2		0.0	Neg		
Door	Wood	D	Intact	2	Bedroom 2		-0.3	Neg		
Door Casing	Wood	D	Intact	2	Bedroom 2		2.8	Pos		
Door Jamb	Wood	D	Intact	2	Bedroom 2		5.5	Pos		
Access Door	Wood	C (R)	Poor	2	Bedroom 2		3.2	Pos		
Access Door Frame	Wood	C (R)	Poor	2	Bedroom 2		5.5	Pos		
Window Sill	Wood	В	Intact	2	Bedroom 2		3.8	Pos		
Window Casing	Wood	В	Intact	2	Bedroom 2		1.4	Pos		
Window Apron	Wood	В	Intact	2	Bedroom 2		3.5	Pos		
Window Interior Stop	Wood	В	Intact	2	Bedroom 2		0.2	Neg		
Window Interior Sash	Wood	В	Intact	2	Bedroom 2		0.1	Neg		
Window Exterior Sash	Wood	В	Intact	2	Bedroom 2		0.1	Neg		
Window Well	Wood	В	Poor	2	Bedroom 2		2.4	Pos		
Window I Hook	Metal	В	Intact	2	Bedroom 2		0.4	Neg		
Radiator	Metal	A	Intact	2	Bedroom 2		-0.1	Neg		
Ceiling	Plaster		Intact	2	Bathroom 2		-0.2	Neg		
Wall	Gypsum	A	Intact	2	Bathroom 2		0.1	Neg		
Wall	Gypsum	В	Intact	2	Bathroom 2		0.0	Neg		
Wall	Gypsum	C	Intact	2	Bathroom 2		0.2	Neg		
Wall	Gypsum	D	Intact	2	Bathroom 2		0.0	Neg		
Baseboard	Wood	В	Intact	2	Bathroom 2		0.1	Neg		
Chair rail	Wood	В	Intact	2	Bathroom 2		-0.1	Neg		
Door	Wood	A	Intact	2	Bathroom 2		-0.2	Neg		
Door Casing	Wood	A	Intact	2	Bathroom 2		0.0	Neg		
Door Jamb	Wood	A	Intact	0	Bathroom 2		0.1	Neg		
Window Sill	Wood	з	Intact	2	Bathroom 2		-0.1	Neg		
Window Casing	Wood	з	Intact	2	Bathroom 2		0.0	Neg		
Window Apron	Wood	ю	Intact	0	Bathroom 2		0.1	Neg	8	

West Chop 2 - 917 Main Street Vineyard Haven XRF Lead-In-Paint Results

Commont	Cubatanta	513	Condition		C			-	Substrate	Paint Chip
	oubsulate	anic	CONTIGUIDO	1001	ROOM	ARF-1	ARF-Z	Kesuits	Correction	Kesults
Window Interior Stop	Wood	т	Intact	2	Bathroom 2		-0.1	Neg		
Window Interior Sash	Wood	В	Intact	2	Bathroom 2		0.1	Neg		
Window Exterior Sash	Wood	В	Intact	2	Bathroom 2		0.2	Neg		
Window Well	Wood	В	Poor	2	Bathroom 2		3.3	Pos		
Window I Hook	Metal	В	Intact	2	Bathroom 2		0.1	Neg		
Radiator	Metal	C	Intact	2	Bathroom 2		-0.1	Neg		
Ceiling	Plaster		Intact	2	Bedroom 3		5.3	Pos		
Wall	Plaster	A	Intact	2	Bedroom 3		5.0	Pos		
Wall	Plaster	В	Intact	2	Bedroom 3		7.3	Pos		
Wall	Plaster	c	Poor	2	Bedroom 3		4.6	Pos	4.6/0.3 = 4.3	7.19%
Wall	Plaster	D	Intact	2	Bedroom 3		5.3	Pos		
Baseboard	Wood	В	Poor	2	Bedroom 3		9.9	Pos		
Floor	Wood		Intact	2	Bedroom 3		0.1	Neg		
Door	Wood	В	Intact	2	Bedroom 3		-0.2	Neg		
Door Casing	Wood	В	Intact	2	Bedroom 3		0.1	Neg		
Door Jamb	Wood	В	Intact	2	Bedroom 3		8.8	Pos		
Access Door	Wood	D	Intact	2	Bedroom 3		-0.3	Neg		
Access Door Frame	Wood	D	Intact	2	Bedroom 2		0.2	Neg		
Window Sill	Wood	D	Intact	2	Bedroom 3		0.3	Neg		
Window Casing	Wood	D	Intact	2	Bedroom 3		0.4	Neg		
Window Apron	Wood	D	Intact	2	Bedroom 3		4.0	Pos		
Window Interior Stop	Wood	D	Intact	2	Bedroom 3		-0.1	Neg		
Window Interior Sash	Wood	D	Intact	2	Bedroom 3		0.1	Neg		
Window Exterior Sash	Wood	D	Intact	2	Bedroom 3		0.2	Neg		
Window Well	Wood	D	Poor	2	Bedroom 3		1.0	Pos		
Window I Hook	Metal	D	Intact	2	Bedroom 3		0.0	Neg		
Closet Door	Wood	A	Intact	2	Bedroom 3		0.0	Neg		
Closet Door Casing	Wood	A	Intact	2	Bedroom 3	9.9 Header	2.0	Pos		
Closet Door Jamb	Wood	A	Poor	5	Bedroom 3		3.7	Pos		
Closet Wall	Plaster	A	Poor	2	Bedroom 3		9.9	Pos		
Closet Baseboard	Wood	A	Intact	2	Bedroom 3		9.9	Pos		
Closet Shelf	Wood	A	Intact	2	Bedroom 3		0.1	Neg		
Closet Shelf Support	Wood	A	Poor	2	Bedroom 3		9.9	Pos		
Radiator	Metal	A	Intact	2	Bedroom 3		-0.2	Neg		
Wall	Plaster	A	Intact	2	Hall		7.6	Pos		

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									Substrate	Paint Chip
Component	Substrate	Side	Condition	Floor	Room	XRF-1	XRF-2	Results	Correction	Results
Wall	Plaster	В	Intact	2	Hall		6.6	Pos		
Wall	Plaster	С	Intact	2	Hall		0.1	Neg		
Wall	Plaster	D	Intact	2	Hall		9.9	Pos		
Baseboard	Wood	D	Intact	2	Hall		7.7	Pos		
Door	Wood	В	Intact	2	Hall		-0.1	Neg		
Door Casing	Wood	В	Intact	2	Hall		-0.1	Neg		
Door Jamb	Wood	В	Intact	2	Hall	3.5 Header	0.8	Pos		
Wall	Wood	A	Intact		Exterior		-0.1	Neg		
Wall	Wood	В	Intact		Exterior		-0.3	Neg		
Wall	Wood	C	Intact		Exterior		0.0	Neg		
Wall	Wood	D	Intact		Exterior		-0.1	Neg		
Cornerboard	Wood	В	Intact		Exterior		4.5	Pos		
Cornerboard	Wood	D	Intact		Exterior	4.5 Edge	1.8	Pos		
Lower Trim	Wood	В	Intact		Exterior		-0.2	Neg		
Door	Wood	A	Intact		Exterior		-0.2	Neg		
Door Casing	Wood	A	Intact		Exterior		0.1	Neg		
Door Jamb	Wood	A	Intact		Exterior		2.2	Pos		
Threshold	Wood	A	Intact		Exterior		2.8	Pos		
Kickplate	Wood	A	Intact		Exterior		1.5	Pos		
Window Sill	Wood	A	Intact		Exterior	9.9 Edge	0.1	Pos		
Window Casing	Wood	A	Intact		Exterior		5.3	Pos		
Window Sill	Wood	B(R)	Intact		Exterior	9.9 Edge	0.3	Pos		
Window Casing	Wood	B(R)	Intact		Exterior		2.8	Pos	2.8/0.2 = 2.6	0.531%
Window Sill	Wood	D(R)	Intact		Exterior	9.9 Edge	1.5	Pos		0.614%
Window Casing	Wood	D(R)	Intact		Exterior	1.6 Edge	-0.3	Pos		
Access Door	Wood	В	Intact		Exterior		9.9	Pos		
Access Door Casing	Wood	В	Intact		Exterior		2.0	Pos		
Access Door Threshold	Wood	В	Intact		Exterior		3.7	Pos		
Foundation	Concrete	A	Intact		Exterior		-0.1	Neg		
Down Spout Pan	Concrete	A	Intact		Exterior		1.6	Pos		
Foundation Skirt	Concrete	A	Intact		Exterior		0.7	Neg		
Cellar Window Sill	Wood	A	Intact		Exterior		0.0	Neg		
Cellar Window Frame	Wood	A	Intact		Exterior		-0.1	Neg		
Bulkhead Door	Wood	υ	Intact		Exterior		0.0	Neg		
Bulkhead Door Frame	Wood	υ	Intact		Exterior		0.2	Neg		

Vest Chop 2 - 917 Main Street Vineyard Haven XRF Lead-In-Paint	: Results
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Component	Substrate	Side	Condition	Floor	Koom	XKF-1	XKF-2	Kesults	Correction	Results
Railing Cap	Wood	A	Intact	щ	Porch		-0.1	Neg		
Stair Tread	Wood	A	Intact	н	Porch		0.0	Neg		
Stair Riser	Wood	A	Intact	H	Porch		-0.3	Neg		
Support Column	Wood	A	Poor	H	Porch		9.9	Pos	9.9/0.5 = 9.4	10.7%
Floor	Wood	A	Intact	Ē	Porch		0.0	Neg		
Lower Trim	Wood	A	Intact	н	Porch		-0.1	Neg		
Door	Wood	D	Intact	н	Porch		2.8	Pos		
Door Casing	Wood	D	Intact	н	Porch		2.4	Pos	2.4/0.1 = 2.3	0.475%
Door Jamb	Wood	D	Intact	E	Porch		3.4	Pos		
Threshold	Wood	D	Intact	E	Porch		-0.2	Neg		
Kickplate	Wood	D	Intact	E	Porch		4.8	Pos		
Cornerboard	Wood	D	Intact	H	Porch	3.7 Edge	1.6	Pos		
Newel Post	Wood	D	Intact	щ	Porch		-0.1	Neg		
Railing Cap	Wood	D	Intact	щ	Porch		0.0	Neg		
Handrail	Wood	D	Intact	F	Porch		0.1	Neg		
Lower Rail	Wood	D	Intact	щ	Porch		-0.1	Neg		
Stair Tread	Wood	D	Intact	H	Porch		0.2	Neg		
Stair Riser	Wood	D	Intact	F	Porch		-0.1	Neg		
Wall Cornerbead	Wood	D	Intact	щ	Porch		3.0	Pos		
Support Column	Wood	D	Poor	н	Porch		1.9	Pos		7.23%
Calibration							1.0			
Calibration							0.9			
Calibration							0.9			

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Component	OUDSUIGIC	200		1001		I- MY	7-111	IVESHIPS		Vesuis
Calibration							1.0			
Calibration							0.9			
Calibration							0.9			
Wall	Gypsum	A	Intact	1	Living Room		-0.1	Neg		
Wall	Gypsum	В	Intact	1	Living Room		0.0	Neg		
Wall	Gypsum	υ	Intact	1	Living Room		-0.3	Neg		
Wall	Gypsum	D	Intact	1	Living Room		-0.2	Neg		
Baseboard	Wood	В	Intact	1	Living Room		6.1	Pos		
Floor	Wood		Intact	1	Living Room		0.1	Neg		
Door Casing	Wood	D	Intact	1	Living Room	6.7 Molding	0.7	Pos		
Door Jamb	Wood	В	Intact	1	Living Room	Covered	0.3	Neg		
Window Sill	Wood	В	Intact	1	Living Room	÷	0.2	Neg		
Window Casing	Wood	В	Intact	1	Living Room		0.0	Neg		
Window Apron	Wood	В	Intact	1	Living Room		0.4	Neg		
Window Interior Stop	Wood	В	Intact	1	Living Room		-0.1	Neg		
Window Interior Sash	Wood	В	Intact	1	Living Room		0.0	Neg		
Window Exterior Sash	Wood	в	Intact	1	Living Room		0.2	Neg		
Window Well	Wood	В	Intact	1	Living Room		5.7	Pos		
Radiator	Metal	A	Intact	1	Living Room		-0.2	Neg		
Wall	Gypsum	A	Intact	1	Kitchen		0.1	Neg		
Wall	Gypsum	В	Intact	1	Kitchen		-0.1	Neg		
Wall	Gypsum	υ	Intact	1	Kitchen		-0.1	Neg		
Wall	Gypsum	D	Intact	1	Kitchen		0.0	Neg		
Baseboard	Wood	A	Intact	1	Kitchen		-0.1	Neg		
Door	Wood	A(L)	Intact	1	Kitchen		0.0	Neg		
Door Casing	Wood	A(L)	Intact	1	Kitchen		0.0	Neg		
Door Jamb	Wood	A(L)	Intact	1	Kitchen		0.3	Neg		
Window Sill	Wood	В	Intact	1	Kitchen		0.1	Neg		
Window Casing	Wood	В	Intact	1	Kitchen		0.0	Neg		
Window Apron	Wood	В	Intact	1	Kitchen		-0.1	Neg		
Window Interior Stop	Wood	В	Intact	1	Kitchen		-0.2	Neg		
Window Interior Sash	Wood	В	Intact	1	Kitchen		0.1	Neg		
Window Exterior Sash	Wood	В	Intact	1	Kitchen		0.0	Neg		
Window Well	Wood	В	Intact	1	Kitchen		1.4	Pos		
Closet Door	Wood	A	Intact	1	Kitchen		0.0	Neg		

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									Substrate	Paint Chip
Component	Substrate	Side	Condition	Floor	Room	XRF-1	XRF-2	Results	Correction	Results
Closet Door Casing	Wood	A	Intact	1	Kitchen		3.1	Pos		
Closet Door Jamb	Wood	A	Intact	1	Kitchen		0.7	Neg		
Closet Wall	Plaster	A	Poor	1	Kitchen		9.9	Pos		
Closet Baseboard	Wood	A	Poor	1	Kitchen		9.9	Pos		
Closet Shelf	Wood	A	Poor	1	Kitchen		1.4	Pos		
Closet Shelf Support	Wood	A	Poor	1	Kitchen		9.9	Pos		
Closet Ceiling	Plaster	C	Poor	1	Kitchen		n/a			
Radiator	Metal	В	Intact	1	Kitchen		0.0	Neg		
Riser Pipe	Metal	A	Poor	1	Kitchen		1.0	Pos		
Wall	Gypsum	A	Intact	1	Foyer		-0.1	Neg		
Wall	Gypsum	В	Intact	1	Foyer		-0.1	Neg		
Wall	Gypsum	c	Intact	1	Foyer		0.0	Neg		
Wall	Gypsum	D	Intact	1	Foyer		0.1	Neg		
Baseboard	Wood	С	Intact	1	Foyer		9.9	Pos		
Door Casing	Wood	A	Intact	1	Foyer	1.4 Header	1.0	Pos		
Door Jamb	Wood	A	Intact	1	Foyer		1.9	Pos		
Door	Wood	В	Intact	1	Foyer		0.0	Neg		
Door Casing	Wood	В	Intact	1	Foyer		0.1	Neg		
Door Jamb	Wood	В	Intact	1	Foyer		0.6	Neg		
Threshold	Wood	В	Intact	1	Foyer		3.5	Pos		
Pipe Chase	Wood	A	Intact	1	Foyer		-0.3	Neg		
Wall	Gypsum	A	Intact	1	Laundry		0.0	Neg		
Wall	Gypsum	В	Intact	1	Laundry		-0.2	Neg		
Wall	Gypsum	ပ	Intact	1	Laundry		-0.1	Neg		
Wall	Gypsum	D	Intact	1	Laundry		-0.1	Neg		
Baseboard	Wood	A	Intact	1	Laundry		0.0	Neg		
Door	Wood	В	Intact	1	Laundry		-0.1	Neg		
Door Casing	Wood	В	Intact	1	Laundry		0.0	Neg		
Door Jamb	Wood	В	Intact	1	Laundry		0.1	Neg		
Window Sill	Wood	U	Intact	1	Laundry		0.1	Neg		
Window Casing	Wood	υ	Intact	1	Laundry		0.0	Neg		
Window Apron	Wood	υ	Intact	1	Laundry		-0.1	Neg		
Window Interior Stop	Wood	ပ	Intact	1	Laundry		0.1	Neg		
Window Interior Sash	Wood	J	Intact	1	Laundry		0.1	Neg		
Window Exterior Sash	Wood	υ	Intact	1	Laundry		0.0	Neg		

West Chop 1 - 921 Main Street Vineyard Haven XRF Lead-In-Paint Results

									Substrate	Paint Chip
Component	Substrate	Side	Condition	Floor	Room	XRF-1	XRF-2	Results	Correction	Results
Window Well	Wood	υ	Intact	1	Laundry		1.4	Pos		
Wall	Gypsum	A	Intact	1	Bathroom 1		0.0	Neg		
Wall	Gypsum	В	Intact	1	Bathroom 1		0.1	Neg		
Wall	Gypsum	U	Intact	1	Bathroom 1		-0.1	Neg		
Wall	Gypsum	D	Intact	1	Bathroom 1		-0.1	Neg		
Baseboard	Wood	A	Intact	1	Bathroom 1		6.9	Pos		
Door	Wood	A	Intact	1	Bathroom 1		0.0	Neg		
Door Casing	Wood	A	Intact	1	Bathroom 1		3.3	Pos		
Door Jamb	Wood	A	Intact	1	Bathroom 1		0.8	Neg		
Threshold	Wood	A	Intact	1	Bathroom 1		0.0	Neg		
Window Sill	Wood	υ	Intact	1	Bathroom 1		0.5	Pos		1.118
Window Casing	Wood	υ	Intact	1	Bathroom 1	2.4 Header	1.6	Pos	1.6-0.2=1.4	
Window Apron	Wood	U	Intact	1	Bathroom 1		0.0	Neg		
Window Interior Stop	Wood	υ	Intact	1	Bathroom 1		0.1	Neg		
Window Interior Sash	Wood	υ	Intact	1	Bathroom 1	0	-0.1	Neg		
Window Exterior Sash	Wood	υ	Intact	1	Bathroom 1		0.1	Neg		
Window Well	Wood	U	Intact	1	Bathroom 1		4.4	Pos		
Wall	Gypsum	A	Intact	1	Dining Room		-0.2	Neg		
Wall	Gypsum	В	Intact	1	Dining Room		0.0	Neg		
Wall	Gypsum	υ	Intact	1	Dining Room		-0.1	Neg		
Wall	Gypsum	D	Intact	1	Dining Room		-0.1	Neg		
Baseboard	Wood	A	Poor	1	Dining Room		8.9	Pos		
Door	Wood	A	Intact	1	Dining Room		-0.1	Neg		
Door Casing	Wood	A	Intact	1	Dining Room		-0.3	Neg		
Door Jamb	Wood	A	Intact	1	Dining Room		0.2	Neg		
Door	Wood	υ	Intact	1	Dining Room		0.1	Neg		
Door Casing	Wood	ပ	Intact	1	Dining Room	4.8 Header	1.6	Pos		
Door Jamb	Wood	U	Intact	1	Dining Room		0.4	Neg		
Window Sill	Wood	D	Intact	1	Dining Room		0.0	Neg		
Window Casing	Wood	D	Intact	1	Dining Room		-0.1	Neg		
Window Apron	Wood	D	Intact	1	Dining Room		0.1	Neg		
Window Interior Stop	Wood	D	Intact	1	Dining Room		-0.2	Neg		
Window Interior Sash	Wood	D	Intact	1	Dining Room		0.1	Neg		
Window Exterior Sash	Wood	D	Intact	1	Dining Room		0.0	Neg		
Window Well	Wood	D	Intact	1	Dining Room		0.2	Neg		

									Substrate	Paint Chip
Component	Substrate	Side	Condition	Floor	Room	XRF-1	XRF-2	Results	Correction	Results
Hutch Door Upper	Wood	υ	Intact	1	Dining Room	7.7 Mullions	-0.3	Pos		
Hutch Frame	Wood	υ	Intact	1	Dining Room		0.2	Neg		
Hutch Wall	Plaster	C	Intact	1	Dining Room		6.9	Pos		
Hutch Shelf	Wood	ပ	Intact	1	Dining Room		3.4	Pos		
Hutch Shelf Support	Wood	υ	Intact	1	Dining Room		2.1	Pos		
Hutch Door Lower	Wood	J	Intact	1	Dining Room		1.5	Pos		
Riser Pipe	Metal	A	Intact	1	Dining Room		-0.1	Neg		
Ceiling	Plaster		Intact	1	Staircase		-0.3	Neg		
Wall	Plaster	A	Intact	1	Staircase		0.1	Neg		
Wall	Plaster	В	Intact	1	Staircase		0.0	Neg		
Wall	Plaster	C	Intact	1	Staircase		9.9	Pos		
Wall	Plaster	D	Intact	1	Staircase		9.9	Pos		
Baseboard	Wood	В	Intact	1	Staircase		0.0	Neg		
Baseboard	Wood	A	Intact	1	Staircase		9.9	Pos		
Door	Wood	A	Intact	1	Staircase		0.0	Neg		
Door Casing	Wood	A	Intact	1	Staircase		4.1	Pos		
Door Jamb	Wood	A	Intact	1	Staircase		0.8	Neg		
Threshold	Wood	A	Intact	1	Staircase		0.1	Neg		
Door Caing	Wood	В	Poor	1	Staircase		2.0	Pos		
Door Jamb	Wood	В	Poor	1	Staircase		1.5	Pos		
Door	Wood	D	Intact	1	Staircase		-0.1	Neg		
Window Sill	Wood	С	Intact	1	Staircase		0.1	Neg		
Window Casing	Wood	U	Intact	1	Staircase		0.0	Neg		
Window Apron	Wood	U	Intact	1	Staircase		-0.2	Neg		
Window Interior Stop	Wood	С	Intact	1	Staircase		0.2	Neg		
Window Interior Sash	Wood	U	Intact	1	Staircase		0.0	Neg		
Window Exterior Sash	Wood	C	Intact	1	Staircase		0.2	Neg		
Window Well	Wood	C	Poor	1	Staircase		1.6	Pos		
Newel Post	Wood		Intact	1	Staircase		0.0	Neg		
Railing Cap	Wood		Intact	1	Staircase		0.1	Neg		
Handrail	Wood		Intact	1	Staircase		-0.1	Neg		
Baluster	Wood		Intact	1	Staircase		0.0	Neg		
Stair Tread	Wood		Intact	1	Staircase		-0.2	Neg		
Stair Riser	Wood		Poor	1	Staircase		9.9	Pos		
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West Chop 1 - 921 Main Street Vineyard Haven XRF Lead-In-Paint Results

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									Substrate	Paint Chip
Component	Substrate	Side	Condition	Floor	Room	XRF-1	XRF-2	Results	Correction	Results
Floor Casing	Wood		Poor	2	Staircase		6.3	Pos		
Door	Wood	A(R)	Intact	2	Staircase		0.0	Neg		
Door Casing	Wood	A(R)	Intact	2	Staircase		3.6	Pos		
Door Jamb	Wood	A(R)	Intact	2	Staircase	covered	0.2	Neg		
Closet Door	Wood	A	Intact	2	Staircase		0.1	Neg		
Closet Door Casing	Wood	А	Intact	2	Staircase	9.9 >5'scraped	2.6	Pos		
Closet Wall	Plaster	A	Intact	2	Staircase		6.6	Pos		
Closet Baseboard	Wood	A	Poor	2	Staircase		9.9	Pos		
Closet Shelf	Wood	A	Intact	2	Staircase		6.3	Pos		
Closet Shelf Support	Wood	A	Intact	2	Staircase		6.9	Pos		
Closet Ceiling	Plaster	A	Intact	2	Staircase		9.8	Pos		
Radiator	Metal	D	Intact	2	Staircase		0.7	Neg		
Ceiling	Plaster		Intact	2	Bedroom 1		9.9	Pos		
Wall	Plaster	A	Intact	2	Bedroom 1		9.9	Pos		
Wall	Plaster	В	Intact	2	Bedroom 1		6.9	Pos		
Wall	Plaster	C	Intact	2	Bedroom 1		9.8	Pos		
Wall	Plaster	D	Poor	2	Bedroom 1		2.2	Pos		
Baseboard	Wood	В	Intact	2	Bedroom 1	0.1 OC scraped	9.9	Pos		
Floor	Wood		Intact	2	Bedroom 1		-0.1	Neg		
Door	Wood	C(R)	Intact	2	Bedroom 1		0.1	Neg		
Door Casing	Wood	C(R)	Intact	2	Bedroom 1		2.1	Pos		
Door Jamb	Wood	C (R)	Intact	2	Bedroom 1	5.9 <5'scraped	4.5	Pos		
Window Sill	Wood	A	Intact	2	Bedroom 1		1.6	Pos		
Window Casing	Wood	A	Intact	2	Bedroom 1		1.3	Pos		
Window Apron	Wood	A	Intact	2	Bedroom 1		0.0	Neg		
Window Interior Stop	Wood	A	Intact	2	Bedroom 1		0.1	Neg		
Window Interior Sash	Wood	A	Intact	2	Bedroom 1		0.0	Neg		
Window Exterior Sash	Wood	A	Intact	2	Bedroom 1		0.2	Neg		
Window Well	Wood	A	Poor	2	Bedroom 1		0.5	Neg		
Closet Door	Wood	C	Intact	2	Bedroom 1		0.1	Neg		
Closet Door Casing	Wood	U	Intact	2	Bedroom 1		2.5	Pos		
Closet Door Jamb	Wood	U	Intact	2	Bedroom 1		0.3	Neg		
Closet Wall	Plaster	υ	Intact	2	Bedroom 1		9.9	Pos		
Closet Baseboard	Wood	υ	Intact	2	Bedroom 1		9.9	Pos		
Closet Shelf	Wood	υ	Intact	2	Bedroom 1		9.9	Pos		

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									Substrate	Paint Chip
Component	Substrate	Side	Condition	Floor	Room	XRF-1	XRF-2	Results	Correction	Results
Closet Shelf Support	Wood	υ	Intact	2	Bedroom 1		9.9	Pos		
Closet Ceiling	Plaster	C	Intact	2	Bedroom 1		-0.2	Neg		
Shelf	Wood	U	Intact	2	Bedroom 1		9.9	Pos		
Radiator	Metal	В	Intact	2	Bedroom 1		-0.3	Neg		
Ceiling	Plaster		Intact	2	Bedroom 2		9.9	Pos		
Wall	Plaster	A	Intact	2	Bedroom 2		9.9	Pos		
Wall	Plaster	В	Intact	2	Bedroom 2		9.9	Pos		
Wall	Plaster	υ	Intact	2	Bedroom 2		9.9	Pos		
Wall	Plaster	D	Intact	2	Bedroom 2		9.0	Pos		
Wall Cornerbead	Wood	A	Intact	2	Bedroom 2		6.9	Pos		
Baseboard	Wood	A	Intact	2	Bedroom 2	0.0 OC scraped	9.9	Pos		
Door	Wood	D	Intact	2	Bedroom 2		-0.1	Neg		
Door Casing	Wood	D	Intact	2	Bedroom 2		3.0	Pos		
Door Jamb	Wood	D	Intact	2	Bedroom 2	covered	0.0	Neg		
Window Sill	Wood	В	Intact	2	Bedroom 2		0.2	Neg		
Window Casing	Wood	В	Intact	2	Bedroom 2		2.5	Pos		
Window Apron	Wood	В	Intact	2	Bedroom 2		0.0	Neg		
Window Interior Stop	Wood	В	Intact	2	Bedroom 2		-0.1	Neg		
Window Interior Sash	Wood	В	Intact	2	Bedroom 2		0.0	Neg		
Window Exterior Sash	Wood	В	Intact	2	Bedroom 2		0.1	Neg		
Window Well	Wood	В	Poor	2	Bedroom 2		-0.2	Neg		
Closet Door	Wood	A	Intact	2	Bedroom 2		0.0	Neg		
Closet Door Casing	Wood	A	Intact	2	Bedroom 2	9.9 >5' scraped	0.2	Pos		
Closet Door Jamb	Wood	A	Poor	2	Bedroom 2	covered	0.0	Neg		
Closet Wall	Plaster	A	Poor	2	Bedroom 2		8.5	Pos		
Closet Baseboard	Wood	A	Poor	2	Bedroom 2		9.9	Pos		
Closet Shelf	Wood	A	Intact	2	Bedroom 2		0.0	Neg		
Closet Shelf Support	Wood	A	Poor	2	Bedroom 2		9.6	Pos		
Shelf	Wood	A	Intact	2	Bedroom 2		9.9	Pos		
Radiator	Metal	В	Intact	0	Bedroom 2		0.1	Neg		
Wall	Gypsum	A	Intact	2	Bathroom 2		-0.1	Neg		
Wall	Gypsum	В	Intact	2	Bathroom 2		0.1	Neg		
Wall	Gypsum	υ	Intact	2	Bathroom 2		0.0	Neg		
Wall	Gypsum	D	Intact	2	Bathroom 2		-0.2	Neg		
Baseboard	Wood	A	Intact	2	Bathroom 2		9.9	Pos		
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									Substrate	Paint Chip
Component	Substrate	Side	Condition	Floor	Room	XRF-1	XRF-2	Results	Correction	Results
Door	Wood	A	Intact	2	Bathroom 2		0.1	Neg		
Door Casing	роод	A	Intact	2	Bathroom 2		2.7	Pos		
Door Jamb	Wood	A	Intact	2	Bathroom 2		0.3	Neg		
Window Sill	Wood	U	Intact	2	Bathroom 2		0.0	Neg		
Window Casing	Wood	υ	Intact	2	Bathroom 2		0.1	Neg		
Window Apron	Wood	υ	Intact	2	Bathroom 2		-0.2	Neg		
Window Interior Stop	роом	U	Intact	2	Bathroom 2		-0.1	Neg		
Window Interior Sash	Wood	U	Intact	2	Bathroom 2		0.0	Neg		
Window Exterior Sash	Wood	υ	Intact	2	Bathroom 2		0.1	Neg		
Window Well	Wood	υ	Poor	2	Bathroom 2		3.9	Pos		
Radiator	Metal	υ	Intact	2	Bathroom 2		0.0	Neg		
Ceiling	Plaster		Intact	2	Bedroom 3		8.2	Pos		
Wall	Plaster	A	Intact	2	Bedroom 3		9.9	Pos		
Wall	Plaster	В	Intact	2	Bedroom 3		9.9	Pos		
Wall	Plaster	c	Intact	2	Bedroom 3		7.1	Pos		
Wall	Plaster	D	Intact	2	Bedroom 3		5.0	Pos		
Baseboard	Wood	A	Intact	2	Bedroom 3	0.0 OC scraped	9.9	Pos		
Door	Wood	В	Intact	2	Bedroom 3		0.0	Neg		
Door Casing	Wood	В	Intact	2	Bedroom 3		-0.1	Neg		
Door Jamb	Wood	В	Intact	2	Bedroom 3		0.2	Neg		
Access Door	Wood	C(T)	Intact	2	Bedroom 3		-0.1	Neg		
Access Door Frame	Wood	C(T)	Intact	2	Bedroom 2		0.0	Neg		
Access Door	Wood	C (R)	Intact	2	Bedroom 3	2.5 Outside corn	9.9	Pos		
Access Door Frame	Wood	C (R)	Intact	2	Bedroom 2		0.0	Neg		
Window Sill	Wood	D	Intact	2	Bedroom 3		-0.2	Neg		
Window Casing	Wood	D	Intact	2	Bedroom 3		0.8	Neg		
Window Apron	Wood	D	Intact	2	Bedroom 3		-0.2	Neg		
Window Interior Stop	Mood	D	Intact	2	Bedroom 3		0.1	Neg		
Window Interior Sash	Wood	D	Intact	2	Bedroom 3		0.0	Neg		
Window Exterior Sash	Mood	D	Intact	2	Bedroom 3		0.2	Neg		
Window Well	Wood	D	Poor	2	Bedroom 3		0.1	Neg		
Shelf	Wood	A	Intact	2	Bedroom 3		6.0	Pos		
Shelf Support	Metal	A	Intact	2	Bedroom 3		5.0	Pos		
Radiator	Metal	D	Intact	2	Bedroom 3		0.0	Neg		
Wall	Plaster	A	Intact	2	Hall		-0.2	Neg		

									Substrate	Paint Chip
Component	Substrate	Side	Condition	Floor	Room	XRF-1	XRF-2	Results	Correction	Results
Wall	Plaster	υ	Intact	2	Hall		9.9	Pos		
Wall	Plaster	D	Intact	2	Hall		-0.2	Neg		
Baseboard	Wood	D	Intact	2	Hall	0.1 OC scraped	8.0	Pos		
Door	Wood	В	Intact	2	Hall		0.0	Neg		
Door Casing	Wood	В	Intact	2	Hall	4.0 Molding	0.2	Neg		
Door Jamb	Wood	В	Intact	2	Hall	covered	0.0	Neg		
Wall	Wood	A	Intact		Exterior		0.0	Neg		
Wall	Wood	В	Intact		Exterior		0.1	Neg		
Wall	Wood	υ	Intact		Exterior		-0.1	Neg		
Wall	Wood	D	Intact		Exterior		-0.1	Neg		
Cornerboard	Wood	A	Intact		Exterior		-0.2	Neg		
Lower Trim	Wood	A	Intact		Exterior		0.0	Neg		
Door	Wood	A	Intact		Exterior		-0.1	Neg		
Door Casing	Wood	A	Intact		Exterior		-0.1	Neg		
Door Jamb	Wood	A	Intact		Exterior		0.0	Neg		
Threshold	Wood	A	Intact		Exterior		3.1	Pos		
Kickplate	Wood	A	Intact		Exterior		-0.2	Neg		
Window Sill	Wood	A(L)	Intact		Exterior	5.3 Edge	0.1	Pos		
Window Casing	Wood	A(L)	Intact		Exterior		-0.3	Neg		
Window Sill	Wood	B(R)	Intact		Exterior	9.9 Edge	-0.1	Pos		
Window Casing	Wood	B(R)	Intact		Exterior		-0.2	Neg		
Window Casing	Wood	B(L)	Intact		Exterior	2.4 >5' scraped	-0.1	Pos		
Window Sill	Wood	D(R)	Intact		Exterior	9.9 Edge	1.5	Pos		
Window Casing	Wood	D(R)	Intact		Exterior	1.6 Edge	-0.3	Pos		
Access Door	Wood	U	Poor		Exterior		7.0	Pos		
Access Door Casing	Wood	υ	Intact		Exterior		0.1	Neg		
Cellar Window Sill	Wood	D	Intact		Exterior		-0.2	Neg		
Cellar Window Frame	Wood	D	Intact		Exterior		-0.1	Neg		
Foundation	Concrete	A	Intact		Exterior		0.0	Neg		
Down Spout Pan	Concrete	A	Intact		Exterior		2.0	Pos		
Foundation Skirt	Concrete	A	Intact		Exterior		0.6	Neg		
Bulkhead Door	Wood	D	Intact		Exterior		0.0	Neg		
Bulkhead Door Frame	Wood	D	Intact		Exterior		0.1	Neg		
Bulkhead Skirt	Concrete	D	Intact		Exterior		0.3	Neg		
Oil Fill	Metal	D	Intact		Exterior		-0.1	Neg		

West Chop 1 - 921 Main Street Vineyard Haven XRF Lead-In-Paint Results

Page 8

									Substrate	Paint Chip
Component	Substrate	Side	Condition	Floor	Room	XRF-1	XRF-2	Results	Correction	Results
Stair Riser	Wood	A	Intact		Porch		0.1	Neg		
Railing Cap	Mood	A	Intact		Porch		-0.1	Neg		
Support Column	Wood	A	Poor		Porch	2.0 >5' scraped	0.0	Pos		
Floor	Wood	A	Intact		Porch		-0.2	Neg		
Door	Wood	В	Intact		Porch		0.1	Neg		
Door Casing	Wood	В	Intact		Porch		4.0	Pos		
Door Jamb	Wood	В	Intact		Porch		0.0	Neg		
Threshold	Wood	В	Intact		Porch		0.1	Neg		
Kickplate	Wood	D	Intact		Porch		9.9	Pos		
Support Column	Wood	В	Intact		Porch		0.1	Neg		
Newel Post	Mood	В	Intact		Porch		-0.1	Neg		
Railing Cap	Wood	В	Intact		Porch		0.0	Neg		
Handrail	Wood	B	Intact		Porch		-0.2	Neg		
Lower Rail	Wood	B	Intact		Porch		0.1	Neg		
Stair Tread	Wood	В	Intact		Porch		0.0	Neg		
Stair Riser	Mood	В	Intact		Porch		-0.2	Neg		
Floor	Wood	В	Intact		Porch		0.1	Neg		
Wall Cornerbead	Wood	В	Intact		Porch		9.9	Pos		
Siding	Wood	A	Intact		Garage		3.2	Pos		
Cornerboard	Wood	A	Intact		Garage		0.3	Neg		
Upper Trim	Mood	D	Poor		Garage		3.2	Pos		
Door Casing	Wood	A	Intact		Garage		-0.2	Neg		
Door Jamb	Mood	A	Intact		Garage		0.0	Neg		
Door	Metal	D	Intact		Garage		-0.1	Neg		
Door Casing	Wood	D	Intact		Garage		0.1	Neg		
Door Jamb	Mood	D	Intact		Garage		0.0	Neg	8-10	
Window Casing	Wood	U	Intact		Garage		0.1	Neg		
Window Sill	Mood	C	Intact		Garage		0.2	Neg		
Window Exterior Sash	Mood	c	Intact		Garage		0.1	Neg		
Window Casing	Wood	D	Intact		Garage		0.0	Neg		
Window Sill	Wood	D	Intact		Garage		-0.1	Neg		
Window Exterior Sash	Wood	D	Intact		Garage		1.0	Pos		
Window Track	Wood	D	Intact		Garage		2.0	Pos		
Foundation	Concrete	D	Intact		Garage		0.1	Neg		
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# West Chop 1 - 921 Main Street Vineyard Haven XRF Lead-In-Paint Results

West Chop 1 - 921 Main Street Vineyard Haven XRF Lead-In-Paint Results

Component	Substrate	Side	Condition	Floor	Room	XRF-1	XRF-2	Results	Substrate Correction	Paint Chip Results
Calibration							0.8			
Calibration							0.9			

HUD LBP Inspection & Risk Assessment

Address: 917 & 921 Main St. Vineyard Haven, MA

APPENDIX II PAINT CHIP SAMPLING ANALYTICAL RESULTS

**ENVIRONMENTAL LEAD DETECTION (482)** 

Customer:

# Schneider Laboratories Global, Inc

2512 W. Cary Street • Richmond, Virginia • 23220-5117 804-353-6778 • 800-785-LABS (5227) • Fax 804-359-1475

100078

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Address:	436 Gardners	Neck Rd	182)	Orde	er#: 1	09078	
	Swansea, MA	02777-3105		Matrix Receive	Pa d 07	aint 7/31/14	
Attn:				Analyze	d 07	7/31/14	
Project:	West Chop 2			Reporte	d 07	7/31/14	
Location:	917 Main St Vir	neyard Haven					
LNumber:				PO Nur	nber:		
Sample ID	Cust. Sample ID	Location	Sample Date	Weight			
Parameter		Method		Total µg	Conc. % by Wt.	RL	Conc.
109078-001	1P	Liv Rm Win Case	07/28/14	234 mg			
Lead		EPA 7000B / 3050B		12800 µg	5.47 %	2140 mg/kg	54700 mg/kg
109078-002	2P	Din Rm D1 Door Case	07/28/14	312 mg			
Lead		EPA 7000B / 3050B		7460 µg	2.39 %	801 mg/kg	23900 mg/kg
109078-003	3P	Bed 3 Wall	07/28/14	343 mg			
Lead		EPA 7000B / 3050B		24700 µg	7.19 %	2920 mg/kg	71900 mg/kg
109078-004	4P	Ext B Win Case	07/28/14	326 mg			
Lead		EPA 7000B / 3050B		1730 µg	0.531 %	153 mg/kg	5310 mg/kg
109078-005	5P	D Porch Door Case	07/28/14	318 mg			
Lead		EPA 7000B / 3050B		1510 µg	0.475 %	157 mg/kg	4750 mg/kg
109078-006	6P	D Porch Supp Col	07/28/14	346 mg			
Lead		EPA 7000B / 3050B		37000 µg	10.7 %	2890 mg/kg	107000 mg/kg
109078-007	7P	A Porch Supp Col R	07/28/14	336 mg			
Lead		EPA 7000B / 3050B		24300 µg	7.23 %	2980 mg/kg	72300 mg/kg
109078-008	8P	Ext D Win Sill	07/28/14	330 mg			
Lead		EPA 7000B / 3050B MS failed		2030 µg	0.614 %	152 mg/kg	6140 mg/kg

Analyst: OHE 109078-07/31/14 03:51 PM



Reviewed By: Abisola Kasali Metals Supervisor

Minimum reporting limit: 10.0 µg. Lead Based Paint contains 0.5% lead by weight per Federal statute. The OSHA Lead in Construction Standard, 29 CFR 1926.62, is invoked if any lead is present in the sample. Concentration and Reporting Limit (RL) based on weights provided by client. All internal QC parameters were met. Unusual sample conditions, if any, are described. Values are reported to three significant figures. PPM = mg/kg | PPB = µg/kg. The analysis data reported relates only to the samples as submitted.

Accrediting bodies: AIHA-LAP, LLC 100527, VELAP/NELAC 460135 - Call laboratory for current national and state certifications.

# Schneider Laboratories Global, Inc



2512 W. Cary Street • Richmond, Virginia • 23220-5117 804-353-6778 • 800-785-LABS (5227) • Fax 804-359-1475

Customer: Address:	ENVIRONMEN 436 Gardners N	TAL LEAD DETECTION( leck Rd	482)	Ord	e <b>r#:</b> 1	09077	
	Swansea, MA	02777-3105		Matrix	P	aint	
				Receive	d 07	7/31/14	
Attn:				Analyze	d 08	8/04/14	
Project:	West Chop 1	12722		Reporte	d 08	8/04/14	
Location: Number:	921 Main St, Vir	neyard Haven		PO Nu	mber:		
Sample ID	Cust. Sample ID	Location	Sample Date	Weight			
Parameter		Method		Total µg	Conc. % by Wt.	RL	Conc.
109077-001	9P	Bath 1 Win Sill	07/28/14	341 mg			
Lead		EPA 7000B / 3050B		3770 µg	1.11 %	293 mg/kg	11100 mg/kg
Analyst: MHB	i i				(h)(6) & (	h)(7)(C	N

109077-08/04/14 03:14 PM

Reviewed By: Abisola Kasali Metals Supervisor

Minimum reporting limit: 10.0  $\mu$ g. Lead Based Paint contains 0.5% lead by weight per Federal statute. The OSHA Lead in Construction Standard, 29 CFR 1926.62, is invoked if any lead is present in the sample. Concentration and Reporting Limit (RL) based on weights provided by client. All internal QC parameters were met. Unusual sample conditions, if any, are described. Values are reported to three significant figures. PPM = mg/kg | PPB =  $\mu$ g/kg. The analysis data reported relates only to the samples as submitted.

Accrediting bodies: AIHA-LAP, LLC 100527, VELAP/NELAC 460135 - Call laboratory for current national and state certifications.

HUD LBP Inspection & Risk Assessment

Address: 917 & 921 Main St. Vineyard Haven, MA

# APPENDIX III DUST WIPE ANALYTICAL RESULTS

# Schneider Laboratories Global, Inc

2512 W. Cary Street • Richmond, Virginia • 23220-5117 804-353-6778 · 800-785-LABS (5227) · Fax 804-359-1475

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Customer:	ENVIRONMEN	TAL LEAD DETECTION	(482)		Order #:	109080	
Address:	436 Gardners N	leck Rd		1			
	Swansea, MA	02777-3105		N	latrix	Wipe	
A ++ m -				R	(eceived	07/31/14	
Aun:				R	Reported	07/31/14	
Project:	West Chop 2			7.0	ioportou .		
Number:	917 Main St Vin	ward Haven		P	O Number:		
Sample ID	Cust. Sample ID	Location	Sample D	ate			
Parameter		Method	15	Area	Total	Conc.	RL
109080-001	11	FL Liv Rm	07/28/14				
Lead		EPA 7000B / 3050B		1.00 ft2	27.0 µg/wipe	27.0 µg/ft2	10.0 µg/ft2
109080-002	12	SL Liv Rm	07/28/14				
Lead		EPA 7000B / 3050B		0.802 ft2	186 µg/wipe	232 µg/ft2	12.5 µg/ft2
109080-003	13	FL Kitchen	07/28/14				
Lead		EPA 7000B / 3050B		1.00 ft2	32.5 µg/wipe	32.5 µg/ft2	10.0 µg/ft2
109080-004	14	SL Kitchen	07/28/14				
Lead		EPA 7000B / 3050B		0.734 ft2	23.3 µg/wipe	31.8 µg/ft2	13.6 µg/ft2
109080-005	15	FL Bed 1	07/28/14				
Lead		EPA 7000B / 3050B		1.00 ft2	<10.0 µg/wipe	<10.0 µg/ft2	10.0 µg/ft2
109080-006	16	SL Bed 1	07/28/14				
Lead		EPA 7000B / 3050B		0.547 ft2	14.1 µg/wipe	25.7 µg/ft2	18.3 µg/ft2
109080-007	17	FL Bed 3	07/28/14				
Lead		EPA 7000B / 3050B		1.00 ft2	38.1 µg/wipe	38.1 µg/ft2	10.0 µg/ft2
109080-008	18	SL Bed 3	07/28/14				
Lead		EPA 7000B / 3050B		0.711 ft2	195 µg/wipe	274 µg/ft2	14.1 µg/ft2
109080-009	19	WL Liv Rm	07/28/14				
Lead		EPA 7000B / 3050B		0.944 ft2	697 µg/wipe	738 µg/ft2	21.2 µg/ft2
109080-010	20	WL Bed 1	07/28/14				
Lead		EPA 7000B / 3050B		0.642 ft2	339 µg/wipe	528 µg/ft2	15.6 µg/ft2
109080-011	21	Blank	07/28/14				
Lead		EPA 7000B / 3050B			<10.0 µg/wipe		10.0 µg/wipe
Analyst: OHE 109080-07/31	E /14 02:14 PM				(b)(6)	& (b)(7)(C	<b>C)</b>
					Reviewed By: Ab	isola Kasali	

Metals Supervisor

Minimum Total Reporting Limit: 10.0 µg/wipe. EPA Clearance Std: 40 µg/ft² for floors, 250 µg/ft² for interior window sills, and 400 µg/ft² for window troughs. All internal QC parameters were met. Unusual sample conditions, if any, are described. Surrogate Spike results designated with "D" indicate that the analyte was diluted out. "MI" indicates matrix interference. Concentration and Reporting Limit (RL) based on areas provided by client. Values are reported to three significant figures. The analysis data reported relates only to the samples as submitted.

Accrediting bodies: AIHA-LAP, LLC 100527, VELAP/NELAC 460135 - Call laboratory for current national and state certifications. Page 1 of 1

# Schneider Laboratories Global, Inc

SLGP

2512 W. Cary Street • Richmond, Virginia • 23220-5117 804-353-6778 • 800-785-LABS (5227) • Fax 804-359-1475

Customer: Address:	ENVIRONMEN 436 Gardners N	TAL LEAD DETECTION ( leck Rd	482)		Order #:	109079	
	Swansea, MA	02777-3105		Ma Re	atrix eceived	Wipe 07/31/14	
Attn:				Ar	nalyzed	07/31/14	
Project: Location: Number:	West Chop 1 921 Main St., Vi	inevard Haven		Re	oported	07/31/14	
Sample ID	Cust. Sample ID	Location	Sample Da	ate			
Parameter		Method		Area	Total	Conc.	RL
109079-001	1D	Liv Rm FL	07/28/14				
Lead		EPA 7000B / 3050B		1.00 ft2	14.1 µg/wipe	14.1 µg/ft2	10.0 µg/ft2
109079-002	2D	Liv Rm SL	07/28/14				
Lead		EPA 7000B / 3050B		1.03 ft2	12400 µg/wipe	12100 µg/ft2	485 µg/ft2
109079-003	3D	Kitchen FL	07/28/14				
Lead		EPA 7000B / 3050B		1.00 ft2	226 µg/wipe	226 µg/ft2	10.0 µg/ft2
109079-004	4D	Kitchen SL	07/28/14				
Lead		EPA 7000B / 3050B		0.853 ft2	<10.0 µg/wipe	<11.7 µg/ft2	11.7 µg/ft2
109079-005	5D	Bed 1 FL	07/28/14				
Lead		EPA 7000B / 3050B		1.00 ft2	10.4 µg/wipe	10.4 µg/ft2	10.0 µg/ft2
109079-006	6D	Bed 1 SL	07/28/14				
Lead		EPA 7000B / 3050B		0.679 ft2	30.7 µg/wipe	45.2 µg/ft2	14.7 µg/ft2
109079-007	7D	Bed 2 FL	07/28/14				
Lead		EPA 7000B / 3050B		1.00 ft2	<10.0 µg/wipe	<10.0 µg/ft2	10.0 µg/ft2
109079-008	8D	Bed 2 SL	07/28/14				
Lead		EPA 7000B / 3050B		1.03 ft2	243 µg/wipe	236 µg/ft2	9.70 µg/ft2
109079-009	9D	Liv Rm WL	07/28/14				
Lead		EPA 7000B / 3050B		0.977 ft2	47600 µg/wipe	48700 µg/ft2	1020 µg/ft2
109079-010	10D	Bath 2 WL	07/28/14				
Lead		EPA 7000B / 3050B		0.398 ft2	158 µg/wipe	397 µg/ft2	25.1 µg/ft2

Analyst: ME 109079-07/31/14 05:27 PM

(b)(6) & (b)(7)(C)

Reviewed By: Abisola Kasali Metals Supervisor

Minimum Total Reporting Limit: 10.0 µg/wipe. EPA Clearance Std: 40 µg/ft<sup>2</sup> for floors, 250 µg/ft<sup>2</sup> for interior window sills, and 400 µg/ft<sup>2</sup> for window troughs. All internal QC parameters were met. Unusual sample conditions, if any, are described. Surrogate Spike results designated with "D" indicate that the analyte was diluted cut. "MI" indicates matrix interference. Concentration and Reporting Limit (RL) based on areas provided by client. Values are reported to three significant figures. The analysis data reported relates only to the samples as submitted.

Accrediting bodies: AIHA-LAP, LLC 100527, VELAP/NELAC 460135 - Call laboratory for current national and state certifications. Page 1 of 1 HUD LBP Inspection & Risk Assessment

Address: 917 & 921 Main St. Vineyard Haven, MA

# APPENDIX IV Soil Sample Analytical Results

# Schneider Laboratories Global, Inc

SLGI

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Customer: Address:	ENVIRONMEN 436 Gardners N	TAL LEAD DETECTION (48 Jeck Rd	2)	Ord	er #:	109076	
	Swansea, MA	02777-3105		Matrix Receive	d (	Soil )7/31/14	
Attn:				Analyze	d (	8/01/14	
Project: Location:	West Chop 2 917 Main St. Vi	neyard Haven		Reporte	d (	)8/04/14	
-Number:		20 20		PO Nur	nber:		
Sample ID	Cust. Sample ID	Location	Sample Date	Weight			
Parameter		Method		Total µg	Conc. % by W	t. RL	Conc.
109076-001	1S	Side A	07/28/14	535 mg			
Lead		EPA 7000B / 3050B		553 µg	0.103 %	37.4 mg/kg	1030 mg/kg
109076-002	2S	Side B	07/28/14	532 mg			
Lead		EPA 7000B / 3050B		3100 µg	0.582 %	188 mg/kg	5820 mg/kg
109076-003	35	Side C	07/28/14	544 mg			
Lead		EPA 7000B / 3050B		718 µg	0.132 %	36.8 mg/kg	1320 mg/kg
109076-004	4S	Side D	07/28/14	502 mg			
Lead		EPA 7000B / 3050B		911 µg	0.181 %	39.8 mg/kg	1810 mg/kg
Analyst: ME					(b)(c) <b>e</b>	(h)(7)(C	N

109076-08/04/14 12:29 PM



Reviewed By: Abisola Kasali

Metals Supervisor

Minimum reporting limit: 10.0 µg. EPA Soil Std for bare residential soil: 400 mg/kg by wt in play areas; 1200 mg/kg by wt in bare soil in the remainder of the yard based on an avg of all other samples collected. EPA does not distinguish between lead-contaminated soil and soil-lead hazards. Concentration and Reporting Limit (RL) based on weights provided by client. All internal QC parameters were met. Unusual sample conditions, if any, are described. Values are reported to three significant figures. PPM = mg/kg | PPB = µg/kg. The analysis data reported relates only to the samples as submitted.

Accrediting bodies: AIHA-LAP, LLC 100527, VELAP/NELAC 460135 - Call laboratory for current national and state certifications.

# Schneider Laboratories Global, Inc

SLGI

2512 W. Cary Street • Richmond, Virginia • 23220-5117 804-353-6778 • 800-785-LABS (5227) • Fax 804-359-1475

Customer: Address:	ENVIRONMEN 436 Gardners N	TAL LEAD DETECTION (482 Neck Rd	)	Orde	r#: ^	09081	
942 CH	Swansea, MA	02777-3105		Matrix Received	S 0	ioil 7/31/14	
Attn:				Analyzed	0	8/02/14	
Project:	West Chop 1			Reported	0	8/04/14	
Location:	921 Main St Vir	neyard Haven					
<sup>⊥</sup> Number:				PO Num	ber:		
Sample ID	Cust. Sample ID	Location	Sample Date	Weight			
Parameter		Method		Total µg	Conc. % by Wt	. RL	Conc.
109081-001	55	Side A	07/28/14	527 mg			
Lead		EPA 7000B / 3050B		1450 µg	0.275 %	94.9 mg/kg	2750 mg/kg
109081-002	65	Side B	07/28/14	538 mg			
Lead		EPA 7000B / 3050B		2090 µg	0.388 %	92.9 mg/kg	3880 mg/kg
109081-003	75	Side C	07/28/14	535 mg			
Lead		EPA 7000B / 3050B		1480 µg	0.276 %	93.5 mg/kg	2760 mg/kg
109081-004	85	Side D	07/28/14	535 mg			
Lead		EPA 7000B / 3050B		1450 µg	0.271 %	93.5 mg/kg	2710 mg/kg
Analyst: HI					(b)(6) 8 (	h(7)(C)	1

109081-08/04/14 10:01 AM



Reviewed By: Abisola Kasali

Metals Supervisor

Minimum reporting limit: 10.0 µg. EPA Soil Std for bare residential soil: 400 mg/kg by wt in play areas; 1200 mg/kg by wt in bare soil in the remainder of the yard based on an avg of all other samples collected. EPA does not distinguish between lead-contaminated soil and soil-lead hazards. Concentration and Reporting Limit (RL) based on weights provided by client. All internal QC parameters were met. Unusual sample conditions, if any, are described. Values are reported to three significant figures. PPM = mg/kg | PPB = µg/kg. The analysis data reported relates only to the samples as submitted.

Accrediting bodies: AIHA-LAP, LLC 100527, VELAP/NELAC 460135 - Call laboratory for current national and state certifications.

HUD LBP Inspection & Risk Assessment

Address: 917 & 921 Main St. Vineyard Haven, MA

APPENDIX V

# **XRF PERFORMANCE CHARACTERISTIC SHEET**

Page 1 of 4

# **Performance Characteristic Sheet**

#### EFFECTIVE DATE: December 1, 2006

EDITION NO.: 5

## MANUFACTURER AND MODEL:

Make:	Radiation Monitoring Devices
Model:	LPA-1
Source:	<sup>57</sup> Co
Note:	This sheet supersedes all previous sheets for the XRF instrument of the make, model, and source shown above <i>for instruments sold or serviced after June</i>
	26, 1995. For other instruments, see prior editions.

# FIELD OPERATION GUIDANCE

#### OPERATING PARAMETERS:

Quick mode or 30-second equivalent standard (Time Corrected) mode readings.

## **XRF CALIBRATION CHECK LIMITS:**

0.7 to 1.3 mg/cm<sup>2</sup> (inclusive)

#### SUBSTRATE CORRECTION:

For XRF results below 4.0 mg/cm<sup>2</sup>, substrate correction is recommended for:

Metal using 30-second equivalent standard (Time Corrected) mode readings. None using quick mode readings.

Substrate correction is not needed for:

Brick, Concrete, Drywall, Plaster, and Wood using 30-second equivalent standard (Time Corrected) mode readings

Brick, Concrete, Drywall, Metal, Plaster, and Wood using quick mode readings

#### THRESHOLDS:

30-SECOND EQUIVALENT STANDARD MODE READING DESCRIPTION	SUBSTRATE	THRESHOLD (mg/cm <sup>2</sup> )
	Brick	1.0
Results corrected for substrate bias	Concrete	1.0
on metal substrate only	Drywall	1.0
	Metal	0.9
	Plaster	1.0
	Wood	1.0

QUICK MODE READING DESCRIPTION	SUBSTRATE	THRESHOLD (mg/cm <sup>2</sup> )
	Brick	1.0
Readings not corrected for substrate bias	Concrete	1.0
on any substrate	Drywall	1.0
25	Metal	1.0
	Plaster	1.0
	Wood	1.0

RMD LPA-1, PCS Edition 5

Conduct XRF re-testing at the ten testing combinations selected for retesting.

Determine if the XRF testing in the units or house passed or failed the test by applying the steps below.

Compute the Retest Tolerance Limit by the following steps:

Determine XRF results for the original and retest XRF readings. Do not correct the original or retest results for substrate bias. In single-family and multi-family housing, a result is defined as a single reading. Therefore, there will be ten original and ten retest XRF results for each house or for the two selected units.

Calculate the average of the original XRF result and retest XRF result for each testing combination.

Square the average for each testing combination.

Add the ten squared averages together. Call this quantity C.

Multiply the number C by 0.0072. Call this quantity D.

Add the number 0.032 to D. Call this quantity E.

Take the square root of E. Call this quantity F.

Multiply F by 1.645. The result is the Retest Tolerance Limit.

Compute the average of all ten original XRF results.

Compute the average of all ten re-test XRF results.

Find the absolute difference of the two averages.

If the difference is less than the Retest Tolerance Limit, the inspection has passed the retest. If the difference of the overall averages equals or exceeds the Retest Tolerance Limit, this procedure should be repeated with ten new testing combinations. If the difference of the overall averages is equal to or greater than the Retest Tolerance Limit a second time, then the inspection should be considered deficient.

Use of this procedure is estimated to produce a spurious result approximately 1% of the time. That is, results of this procedure will call for further examination when no examination is warranted in approximately 1 out of 100 dwelling units tested.

#### BIAS AND PRECISION:

Do not use these bias and precision data to correct for substrate bias. These bias and precision data were computed without substrate correction from samples with reported laboratory results less than 4.0 mg/cm<sup>2</sup> lead. The data which were used to determine the bias and precision estimates given in the table below have the following properties. During the July 1995 testing, there were 15 test locations with a laboratory-reported result equal to or greater than 4.0 mg/cm<sup>2</sup> lead. Of these, one 30-second standard mode reading was less than 1.0 mg/cm<sup>2</sup> and none of the quick mode readings were less than 1.0 mg/cm<sup>2</sup>. The instrument that tested in July is representative of instruments sold or serviced after June 26, 1995. These data are for illustrative purposes only. Actual bias must be determined on the site. Results provided above already account for bias and precision. Bias and precision ranges are provided to show the variability found between machines of the same model.

## BACKGROUND INFORMATION

#### EVALUATION DATA SOURCE AND DATE:

This sheet is supplemental information to be used in conjunction with Chapter 7 of the HUD *Guidelines for the Evaluation and Control of Lead-Based Paint Hazards in Housing* ("HUD Guidelines"). Performance parameters shown on this sheet are calculated from the EPA/HUD evaluation using archived building components. Testing was conducted on approximately 150 test locations in July 1995. The instrument that performed testing in September had a new source installed in June 1995 with 12 mCi initial strength.

#### **OPERATING PARAMETERS:**

Performance parameters shown in this sheet are applicable only when properly operating the instrument using the manufacturer's instructions and procedures described in Chapter 7 of the HUD Guidelines.

#### **XRF CALIBRATION CHECK:**

The calibration of the XRF instrument should be checked using the paint film nearest 1.0 mg/cm<sup>2</sup> in the NIST Standard Reference Material (SRM) used (e.g., for NIST SRM 2579, use the 1.02 mg/cm<sup>2</sup> film).

If readings are outside the acceptable calibration check range, follow the manufacturer's instructions to bring the instruments into control before XRF testing proceeds.

# SUBSTRATE CORRECTION VALUE COMPUTATION :

Chapter 7 of the HUD Guidelines provides guidance on correcting XRF results for substrate bias. Supplemental guidance for using the paint film nearest 1.0 mg/cm<sup>2</sup> for substrate correction is provided:

XRF results are corrected for substrate bias by subtracting from each XRF result a correction value determined separately in each house for single-family housing or in each development for multifamily housing, for each substrate. The correction value is an average of XRF readings taken over the NIST SRM paint film nearest to 1.0 mg/cm<sup>2</sup> at test locations that have been scraped bare of their paint covering. Compute the correction values as follows:

Using the same XRF instrument, take three readings on a <u>bare</u> substrate area covered with the NIST SRM paint film nearest 1 mg/cm<sup>2</sup>. Repeat this procedure by taking three more readings on a second <u>bare</u> substrate area of the same substrate covered with the NIST SRM.

Compute the correction value for each substrate type where XRF readings indicate substrate correction is needed by computing the average of all six readings as shown below.

For each substrate type (the 1.02 mg/cm<sup>2</sup> NIST SRM is shown in this example; use the actual lead loading of the NIST SRM used for substrate correction):

Correction value =  $(1^{st} + 2^{nd} + 3^{rd} + 4^{th} + 5^{th} + 6^{th} Reading) / 6 - 1.02 mg/cm^2$ 

Repeat this procedure for each substrate requiring substrate correction in the house or housing development.

#### EVALUATING THE QUALITY OF XRF TESTING:

Randomly select ten testing combinations for retesting from each house or from two randomly selected units in multifamily housing. Use either the Quick Mode or 30-second equivalent standard (Time Corrected) Mode readings.

#### RMD LPA-1, PCS Edition 5

30-SECOND STANDARD MODE READING MEASURED AT	SUBSTRATE	BIAS (mg/cm <sup>2</sup> )	PRECISION* (mg/cm <sup>2</sup> )
0.0 mg/cm <sup>2</sup>	Brick Concrete Drywall Metal Plaster Wood	0.0 0.0 0.1 0.3 0.1 0.0	0.1 0.1 0.1 0.1 0.1 0.1
0.5 mg/cm <sup>2</sup>	Brick Concrete Drywall Metal Plaster Wood	0.0 0.0 0.0 0.2 0.0 0.0	0.2 0.2 0.2 0.2 0.2 0.2 0.2
1.0 mg/cm <sup>2</sup>	Brick Concrete Drywall Metal Plaster Wood	0.0 0.0 0.0 0.2 0.0 0.0	0.3 0.3 0.3 0.3 0.3 0.3 0.3
2.0 mg/cm <sup>2</sup>	Brick Concrete Drywall Metal Plaster Wood	-0.1 -0.1 -0.1 0.1 -0.1 -0.1	0.4 0.4 0.4 0.4 0.4 0.4 0.4

\*Precision at 1 standard deviation.

#### CLASSIFICATION RESULTS:

XRF results are classified as positive if they are greater than the upper boundary of the inconclusive range, and negative if they are less than the lower boundary of the inconclusive range, or inconclusive if in between. The inconclusive range includes both its upper and lower bounds. Earlier editions of this *XRF Performance Characteristic Sheet* did not include both bounds of the inconclusive range as "inconclusive." While this edition of the Performance Characteristics Sheet uses a different system, the specific XRF readings that are considered positive, negative, or inconclusive for a given XRF model and substrate remain unchanged, so previous inspection results are not affected.

#### DOCUMENTATION:

An EPA document titled *Methodology for XRF Performance Characteristic Sheets* provides an explanation of the statistical methodology used to construct the data in the sheets, and provides empirical results from using the recommended inconclusive ranges or thresholds for specific XRF instruments. For a copy of this document call the National Lead Information Center Clearinghouse at 1-800-424-LEAD. A HUD document titled A Nonparametric Method for Estimating the 5th and 95th Percentile Curves of Variable-Time XRF Readings Based on Monotone Regression provides supplemental information on the methodology for variable-time XRF instruments. A copy of this document can be obtained from the HUD lead web site, www.hud.gov/offices/lead.

This XRF Performance Characteristic Sheet was developed by QuanTech, Inc., under a contract from the U.S. Department of Housing and Urban Development (HUD). HUD has determined that the information provided here is acceptable when used as guidance in conjunction with Chapter 7, Lead-Based Paint Inspection, of HUD's *Guidelines for the Evaluation and Control of Lead-Based Paint Hazards in Housing*.

# **Environmental Lead Detection**

436 Gardners Neck Road, Swansea, MA 02777

Telephone (774) 526-8223

Email: ELD1988@comcast.net

December 11, 2015

Mark A. Lovejoy, PE, LSP, CHMM Project Manager TANTARA Corporation 54 Mason Street Worcester, MA 01610

Re: West Chop I and West Chop II 917 and 921 Main Street Tisbury, Massachusetts

Dear Mr. Lovejoy:

On August 3, 2015, Brenda J. Eastman, Massachusetts Lead Inspector/Risk Assessor I/R-3691, conducted a visual survey of the lead abatement work conducted at 917 Main Street and 921 Main Street, Tisbury, Massachusetts. The properties are known as West Chop I and West Chop II.

The goal of this service was to determine if the work as detailed in the Lead Abatement Work Plan dated May 21, 2015, had been satisfactorily completed. The scope of the work for this project consists of the abatement and disposal, replacement, covering, scraping, and removal of lead-based paint contaminated building components in accordance with the requirements of Federal laws and regulations. Applicable laws and regulations include, but are not limited to, Department of Housing and Urban Development (HUD) *Requirements for Notification*, *Evaluation and Reduction of Lead-Based Paint Hazards in Federally Owned Residential Property and Housing Receiving Federal Assistance*, also known as the HUD Lead Safe Housing Rule (24 CFR Part 35, subparts B-R).

After a comprehensive examination of the work, it was determined that all surface treatments had been completed as detailed in the Work Plan. Because a final cleanup had not yet been conducted, no post abatement clearance dust wipe samples were taken during this visit.

On October 1, 2015, the inspector returned to the site to conduct post abatement clearance dust wipe sampling. A total of twenty-six dust wipe samples (includes a field blank at each site) were collected, thirteen from each building, in an effort to help to determine the levels of lead-containing dust on the interior window sills and floors. These samples were collected from areas most likely to be lead contaminated if lead-in-dust is present. EPA, HUD and State of Massachusetts regulations define the following as hazardous levels for lead dust in residences: floors  $- \ge 40 \ \mu g/ft^2$  (micrograms per square foot); interior windowsills  $- \ge 250 \ \mu g/ft^2$ ; and, interior window wells  $- \ge 400 \ \mu g/ft^2$ .

917 and 921 Main Street Tisbury, Massachusetts December 11, 2015

As indicated below, leaded dust in quantities greater than EPA, HUD, and Massachusetts standards were detected in each building. Out of 24 samples collected at random locations, three were over the regulatory thresholds. All other testing locations registered lead levels below the EPA, HUD and State of Massachusetts standards. Please refer to *Appendix I- Dust Wipe Analytical Results* for the laboratory reports.

# 917 Main Street

Sample No.	Location	Component	Substrate	Sample Size (ft²)	Test Results (µg/ft²)
145281-003	Rm #2	Floor	Wood	1.00	94.3

## 921 Main Street

Sample No.	Location	Component	Substrate	Sample Size (ft²)	Test Results (µg/ft²)
145280-003	Kitchen	Floor	Wood	1.00	40.0
145280-005	Rm #2	Floor	Wood	1.00	43.5

### Laboratory Information:

Schneider Laboratories Global 2512 W. Cary Street Richmond, Virginia 23220 Phone (800) 785-5227

Dust Analysis Protocol

EPA Method 7000B, implementing a microwaveassisted digestion process.

National Lead Laboratory Accreditation Program Serial number: #100527

On October 27, 2015, the inspector returned to the site to conduct post failure clearance dust wipe sampling. A total of five dust wipe samples (includes a field blank at each site) were collected, one from 917 Main St., and two from 921 Main St. These samples were collected from areas where there were failures in the previous sampling. None of the samples contained lead above the laboratory detection threshold.

In conclusion, these properties are now in what could be characterized as a lead safe condition. In order that this lead safe condition be maintained, surfaces that were covered as an abatement method must remain covered.

Submitted by:



Brenda Eastman Massachusetts Lead Inspector/Risk Assessor I-3691 Expires 10/31/16

# Schneider Laboratories Global, Inc

2512 W. Cary Street • Richmond, Virginia • 23220-5117 804-353-6778 · 800-785-LABS (5227) · Fax 804-359-1475

Customer: ENVIRONMENTAL LEAD DETECTION (482) Address: 436 Gardners Neck Rd Swansea, MA 02777-3105

Order #: 145281 Wipe Matrix Received 10/02/15 Analyzed 10/02/15

10/03/15

Reported

Attn:	
Projec	t

Project: Et ocation:

SLG

Location:	917 Main St Vinevard Haven			P	7 Number:		
Sample ID	Cust, Sample ID	Location	Sample D	ate			3 T - T I
Parameter		Method		Area	Total	Conc.	RL*
145281-001	1D	FL Rm 1	10/01/15				
Lead		EPA 7000B / 3050B		1.00 ft2	10.3 µg/wipe	10.3 µg/ft2	10.0 µg/ft2
145281-002	2D	SL Rm 1	10/01/15				
Lead		EPA 7000B / 3050B		0.479 ft2	<10.0 µg/wipe	<20.9 µg/ft2	20.9 µg/fì2
145281-003	3D	FL Rm 2	10/01/15				
Lead		EPA 7000B / 3050B		1.00 ft2	94.3 µg/wipe	94.3 µg/ft2	10.0 µg/ft2
145281-004	4D	SL Rm 2	10/01/15				
Lead		EPA 7000B / 3050B		0.745 ft2	<10.0 µg/wipe	<13.4 µg/ft2	13.4 µg/lt2
145281-005	5D	FL Kitchen	10/01/15				
Lead		EPA 7000B / 3050B		1.00 ft2	29.5 µg/wipe	29.5 µg/ft2	10.0 µg/ft2
145281-006	6D	SL Kitchen	10/01/15				
Lead		EPA 7000B / 3050B		0.588 ft2	112 µg/wipe	163 µg/ft2	14.5 µg/it2
146281-007	7D	FL Rm 3	10/01/15				
Lead		EPA 70008 / 30508		1.00 ft2	12.0 µg/wipa	12.0 µg/ft2	10.0 µg/ft2
145281-008	8D	SL Rm 3	10/01/15				
Lead		EPA 7000B / 30508		0,469 ft2	<10.0 µg/wipe	<21.3 µg/ft2	21,3 µg/lt2
145281-009	9D	FL Rm 4	10/01/15				
Lead		EPA 70008 / 30508		1.00 ft2	12.0 µg/wipe	12.0 µg/ft2	10.0 µg/lt2
145281-010	10D	SL Rm 4	10/01/15				
Lead		EPA 70008 / 3050B		0.734 ft2	<10.0 µg/wipe	<13.6 µg/ft2	13.6 µg/lt2
145281-011	11D	FL Rm 5	10/01/15				
Lead		EPA 7000B / 3050B		1.00 <b>ft2</b>	<10.0 µg/wipe	<10.0 µg/ft2	10.0 µg/lt2
145281-012	12D	SL Rm 5	10/01/15				
Lead		EPA 7000B / 3050B		0.682 ft2	<10.0 µg/wipe	<14.7 µg/ft2	14.7 µg/ît2
145281-013	13D	Blank	10/01/15				
Lead		EPA 7000B / 3050B			<10.0 µg/wipe		10.0 µg/wipe

Minimum Total Reporting Limit: 10.0 µg/wipe. EPA Clearance Std: 40 µg/ft<sup>2</sup> for floors, 250 µg/ft<sup>2</sup> for interior window sills, and 400 µg/ft<sup>2</sup> for window troughs. All internal QC parameters were met. Unusual sample conditions, if any, are described. Surrogate Spike results designated with "D" indicate that the analyte was diluted out. "MI" indicates matrix interference. Concentration and "Reporting Limit (RL) based on areas provided by client. Values are reported to three significant figures. The test results reported relate only to the samples submitted.

SLG

**Analysis Report** 

EPA 7000B / 3050B

# Schneider Laboratories Global, Inc

2512 W. Cary Street • Richmond, Virginia • 23220-5117 804-353-6778 · 800-785-LABS (5227) · Fax 804-359-1475

Customer Address	ENVIRONMEN 436 Gardners N	TAL LEAD DETECTION	(482)	Order #:	148536	3		
	Swansea, MA	Swansea, MA 02777-3105		Swansea, MA 02777-3105 Matrix		Wipe		
				Received	10/28/15			
				Analyzed	10/28/15			
Project				Reported	10/28/15			
Location	917 Main St Vineyard Haver	1						
Sample ID	Cust. Sample ID	Location	Sample Date					
Parameter	28	Method	Агеа	Total	Conc.	RL*		
148536-001	14P	Rm 2 FL	10/27/15					
Lead		EPA 7000B / 3050B	1.00 ft2	<10.0 µg/wipe	<10.0 µg/ft2	10.0 µg/fl2		
148536-002	15P	Blank	10/27/15					

Lead

Analyst MHB

148536-10/28/15 03:08 PM

<10.0 µg/wipe



t.

10.0 µg/wipe

Reviewed By Abisola Kasali

Metals Supervisor

Minimum Total Reporting Limit: 10.0 µg/wipe. EPA Clearance Std: 40 µg/ft² for floors, 250 µg/ft² for Interior window sills, and 400 µg/ft² for window troughs. All internal QC parameters were met. Unusual sample conditions, if any, are described. Surrogate Spike results designated with "D" indicate that the analyte was diluted out. "MI" indicates matrix interference. Concentration and "Reporting Limit (RL) based on areas provided by client. Values are reported to three significant figures. The test results reported relate only to the samples submitted.

# Schneider Laboratories Global, Inc

2512 W. Cary Street • Richmond, Virginia • 23220-5117 804-353-6778 · 800-785-LABS (5227) · Fax 804-359-1475

Customer: ENVIRONMENTAL LEAD DETECTION (482) Address: 438 Gardners Neck Rd Swansea, MA 02777-3105

SLG

Attn:

Project:

#### Order #: 145280 Matrix Wipe Received 10/02/15 Analyzed 10/02/15 10/03/15

Reported

Location: 921 Main St Number: Vineyard Haven PO Number: Sample ID Cust. Sample ID Location Sample Date Parameter Method Total Conc. RL\* Area 145280-001 1D FL Rm 1 10/01/15 Lead EPA 7000B / 3050B 1.00 ft2 <10.0 µg/wipe <10.0 µg/ft2 10.0 µg/ft2 145280-002 2DSL Rm 1 10/01/15 Lead EPA 7000B / 3050B 0.719 ft2 <10.0 µg/wlpe <13.9 µg/ft2 13.9 µg/ft2 145280-003 3D 10/01/15 FL Kitchen Lead EPA 7000B / 3050B 1.00 fi2 40.0 µg/wipe 40.0 µg/ft2 10.0 µg/ft2 145280-004 4D SL Kitchen 10/01/15 EPA 7000B / 3050B Lead 0.853 ft2 <10.0 µg/wipe <11.7 µg/ft2 11.7 µg/ft2 145280-005 5D FL Rm 2 10/01/15 Lead EPA 7000B / 3050B 1.00 ft2 10.0 µg/ft2 43.5 µg/wipe 43.5 µg/ft2 145280-005 SL Rm 2 10/01/15 6D Lead EPA 7000B / 3050B 1.03 ft2 <10.0 µg/wipe <9.70 µg/ft2 9.70 µg/ft2 145280-007 7D FL Rm 3 10/01/15 Lead EPA 70008 / 30508 1.00 ft2 13.8 µg/wipe 13.8 µg/ft2 10.0 µg/ft2 145280-008 BD 10/01/15 SL Rm 3 Lead EPA 7000B / 3050B 0.719 ft2 29.5 µg/wipe 41.1 µg/ft2 13.9 µg/fl2 145280-009 9D FL Rm 4 10/01/15 Lead EPA 7000B / 3050B 1.00 ft2 13.8 µg/wipe 13.8 µg/ft2 10.0 µg/#2 145280-010 10D SL Rm 4 10/01/15 Lead EPA 7000B / 3050B 1.03 ft2 21.8 µg/ft2 9.70 µg/ft2 22.5 µg/wipe 145280-011 11D FL Rm 5 10/01/15 Lead EPA 7000B / 3050B 1.00 R2 20.8 µg/wipe 20.8 µg/ft2 10.0 µg/ft2 145280-012 12D SL Rm 5 10/01/15 Lead EPA 7000B / 3050B 1.02 ft2 59.3 µg/wipe 57.9 µg/ft2 9.77 µg/ft2 145280-013 13D Blank 10/01/15 Lead EPA 7000B / 3050B <10.0 µg/wipe 10.0 µg/wipe

Minimum Total Reporting Limit: 10.0 µg/wipe. EPA Clearance Std: 40 µg/ft³ for floors, 250 µg/ft³ for interior window sills, and 400 µg/ft³ for window troughs. All Internal QC parameters were met. Unusual sample conditions, if any, are described. Surrogate Spike results designated with "D" indicate that the analyte was diluted out. "MI" indicates matrix interference. Concentration and "Reporting Limit (RL) based on areas provided by client. Values are reported to three significant figures. The test results reported relate only to the samples submitted.

SLG

ī

# Schneider Laboratories Global, Inc

2512 W. Cary Street • Richmond, Virginia • 23220-5117 804-353-6778 • 800-785-LABS (5227) • Fax 804-359-1475

Customer: Address:	r: ENVIRONMENTAL LEAD DETECTION (482) 436 Gardners Neck Rd		ENVIRONMENTAL LEAD DETECTION (482) Order #:			148537	-
	Swansea, MA 0	2777-3105		1	Matrix Received	Wipe 10/28/15	
Attn:					Analyzed	10/28/15	
Project:	004 Main Ol			1	Reported	10/28/15	
Number:	921 Main St Vineyard Haven			1	PO Number:		
Sample ID Parameter	Cust. Sample ID	Location Method	Sample D	ate Area	Total	Conc.	RL*
148537-001	14D	Kitchen FL	10/27/15				
Lead		EPA 70008 / 3050B		1.00 ft2	<10.0 µg/wipe	<10.0 µg/ft2	10.0 µg/ft2
148537-002	15D	Rm 2 FL	10/27/15				
Lead		EPA 7000B / 3050B		1.00 ft2	<10.0 µg/wipe	<10.0 µg/ft2	10.0 µg/ft2
148537-003	16D	Blank	10/27/15				
Lead		EPA 7000B / 3050B			<10.0 µg/wipe		10.0 µg/wlpe
Analyst: OHE 148537-10/28	15 02:13 PM				(b)(6)	& (b)(7)(C)	-6-

**Reviewed By: Marti Baird** Analyst

Minimum Total Reporting Limit: 10.0 µg/wipe. EPA Clearance Std: 40 µg/ft<sup>2</sup> for floors, 250 µg/ft<sup>2</sup> for interior window sills, and 400 µg/ft<sup>2</sup> for window troughs. All internal QC parameters were met. Unusual sample conditions, if any, are described. Surrogate Spike results designated with "D" indicate that the analyte was diluted out. "MI" indicates matrix interference. Concentration and "Reporting Limit (RL) based on areas provided by client. Values are reported to three significant figures. The test results reported relate only to the samples submitted.



# Massachusetts Department of Environmental Protection eDEP Transaction Copy

Here is the file you requested for your records.

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Username: DDEARBORN

Transaction ID: 750232

Document: AQ04-Asbestos Removal Notification Form ANF-001

Size of File: 100.32K

Status of Transaction: Submitted

Date and Time Created: 11/27/2015:9:36:17 AM

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- This is a revision to an existing form. Project ID for existing form to be revised:
- This job is being conducted under a Blanket Permit MassDEP assigned Blanket Authorization ID:
- This job is being conducted under a Non Traditional Abatement Work Practice Permit. MassDEP assigned Non Traditional Work Practice Authorization ID:
- □ I am a non-licensed contractor removing or disturbing non-friable shingles only.
- None of the above conditions apply, generate a new form



# Commonwealth of Massachusetts Asbestos Notification Form ANF-001

100222701

Asbestos Project #

T Project Revision

F Project Cancellation

	I. Facility Location: USCG WEST CHOP HOUSING UNITS		917 & 921 MAIN ST	8
	Name of Facility		Street Address	b)(6) 2 (b)(7)(C)
structions 1. All	TISBURY	MA	02568	
ctions of this form ist be completed in fer to comply with	City/Town (b)(6) & (b)(7)(C)	State	Zip Code (b)(6) & (b)(7)	Telephone 7)(C)
ssDEP notification	Facility Contact Person Name	<u> </u>	Facility Contact Per	son Title
uirements of 310 IR 7.15 and	Worksite Location:		UNITS 917 AND 92	1
partment of Labor indards (DLS) ification	2. Is the facility occupied?	IF No	building Name, Win	g, ribor, room, etc.
IR 6.12	3. Is this a fee exempt notification (city, to owner-occupied residential property of for	wn, disi ur units	trict, municipal he or less)? 🕞 Ye	ousing authority, state facility, o s 「マ No
SSUEP Use Unly	4. Blanket Permit Project Approval, if applicab	le:		
te Received			Approva	1 ID #
Submit Original	<ol> <li>Non-Traditional Asbestos Abatement Work if applicable:</li> </ol>	Practico	e Approval, Approva	ID#
m To: mmonwealth of	6. Asbestos Contractor:			
ssachusetts Box 4062	TANTARA CORPORATION	54 MASON ST		
ston, MA 02211	Name		Address	
	WORCESTER	MA	01610	5087525599
	City/Town	State	Zip Code	Telephone
	AC000612		Contract Type:	🖻 Written 🗌 Verbal
	7. CHRISTOPHER PEREIRA		(b)(6) & (b)(7)(C)	
	Name of Contractor's On-Site Supervisor/Foreman		DLS Certification #	¥
			(b)(6) & (b)(7)(C)	
	8. FRANK N. BALAGTAS	8, FRANK N. BALAGTAS		
	8, FRANK N. BALAGTAS		Di S Certification t	4
	8, FRANK N. BALAGTAS Name of Project Monitor		DLS Certification #	¥
	8. FRANK N. BALAGTAS     Name of Project Monitor     9. FLI ENVIRONMENTAL INC     Name of Appendix Apply apply to b		DLS Certification #	4
	8. FRANK N. BALAGTAS     Name of Project Monitor     9. FLI ENVIRONMENTAL INC     Name of Asbestos Analytical Lab		DLS Certification # (5)(6) & (5)(7)(C) DLS Certification #	¥
	RANK N. BALAGTAS     Name of Project Monitor     FLI ENVIRONMENTAL INC     Name of Asbestos Analytical Lab     10. 6/30/2015     Emirat Stat Data (Lth//DD000000)		DLS Certification # (b)(0)3(b)(7)(0) DLS Certification # 7/31/2015	¥ ¥
	8. FRANK N. BALAGTAS     Name of Project Monitor     9. FLI ENVIRONWENTAL INC     Name of Asbestos Analytical Lab     10. 6/30/2015     Project Start Date (MM/DD/YYYY)     0700 1500		DLS Certification # (5)(0) & (5)(7)(0) DLS Certification # 7/31/2015 End Date (MM/D	¥ # DD/YYYY)
	8. FRANK N. BALAGTAS     Name of Project Monitor     9. FLI ENVIRONMENTAL INC     Name of Asbestos Analytical Lab     10. 6/30/2015     Project Start Date (MM/DD/YYYY)     0700-1600     Work Hours - Monday Through Eriday		DLS Certification # DLS Certification # DLS Certification # 7/31/2015 End Date (MM/D 0700-1600 Work Hours - Salt	¥ ¥ DD/YYYY) urday & Sunday



# Commonwealth of Massachusetts Asbestos Notification Form ANF-001

#### 100222701

**Asbestos Project #** 

Project Revision

Project Cancellation

Α.	Asbestos	Abatement	Description:	(cont.)
----	----------	-----------	--------------	---------

- 12. Abatement procedures (check all that apply):
  - □ Glove Bag □ Encapsulation □ Enclosure □ Disposal Only □ Cleanup □ Full Containment
  - ☐ Other Please Specify:
- 13. Job is being conducted: 🕼 Indoors 👘 Outdoors

14. Total amount of each type of asbestos Containing materials (ACM) to be removed, enclosed, or encapsulated:

			220		
Linear Feet (Lin. Ft.)			Square Feet (Sq. Ft.)		
Boiler, Breaching, Duct,			Transite Pipe		
Tank Surface Coatings	Lin. Ft.	Sq. Ft.		Lin. Ft.	Sq. Ft.
Pipe Insulation			Transite Shingles		
	Lin. Ft.	Sq. Ft.		Lin. Ft.	Sq. Ft.
Spray-On Fireproofing			Transite Panels		
	Lin, Ft.	Sq. Ft.		Lin, Ft.	Sq. Ft.
Cloths, Woven Fabrics			Other - Please Specify:		
	Lin: Ft.	Sq. Ft.			
Insulating Cement			JOINT CMPOND & FLOOR TILE		220
	Lin, Ft.	Sq: Ft.		Lin, Ft.	Sq. Ft.

 Describe the decontamination system(s) to be used: THREE STAGE PERSONAL DECONTAMINATION UNIT

16. Describe the containerization/disposal methods to comply with 310 CMR 7.15 and 453 CMR 6.14(2)(g):

ACM WILL BE WETTED AND DOUBLE BAGGED

17. For Emergency Asbestos Operations, the MassDEP and DLS officials who evaluated the emergency:

Name of MassDEP Official	Tille of MassDEP Official
Date of Authorization (MM/DD/YYYY)	Waiver #
Name of DLS Official	Title of DLS Official
Date of Authorization (MM/DD/YYYY)	Waiver #
8. Do prevailing wage rates as per M.G.L. or roject?	c. 149, § 26, 27 or 27A-F apply to this 🔽 Yes 🔽 No

Revised: 11/13/2013



# Commonwealth of Massachusetts **Asbestos Notification Form ANF-001**

100222701

Asbestos Project #

□ Project Revision

Project Cancellation

	<b>B. Facility Description</b>							
	1. Current or prior use of facility:							
	2. Is the facility owner-occupied residenti	its or less?	⊤ Yes 🔽 No					
	3, US COAST GUARD		475 KILVERT STREET, SUITE 100					
	Facility Owner Name		Address	2				
	WARWICK	FI	02885	4017361750				
	City/Town	State	Zip Code	Telephone				
	4 (b)(6) & (b)(7)(C)		(b)(6) & (b)(7)(C)					
	Name of Facility Owner's On-Site Manager	(b)(6) & (i	Address (0)(6) & (0)(7)	(b)(6) & (b)(7)(C)				
	City/Town	State	Zip Code	Telephone				
	5. TANTARA CORPORATION	54 MASON STREET						
	Name of General Contractor		Address					
Inte . To	WORCESTER	MA	01610	5087525599				
torage of Asbestos	City/Town	State	Zip Code	Telephone				
ontaining waste	AIM MUTUAL INSURANCE							
allowed at the place of business of a DLS	Contractor's Worker's Compensation Insurer 60086792015A			5/1/2016				
censed Asbestos potractor or a transfer	Policy #	194 - C		Expiration Date (MM/DD/YYYY)				
station that is permitted by	6. What is the size of this facility?		4000	2				
MassDEP and operated in compliance with Solid Waste Regulations	Square Feet # of Floors							
510 CMR 19 000	1. Transporter of asbestos-containing waste material from site of generation:							
	☐ Directly to Landfill or	Temporary	Storage Location/Transfer Station					
	STG, INC		58 PYLES LANE					
	Name of Transporter		Address					

2. If a temporary storage location/transfer station is used, list name of transporter of asbestos containing waste material from temporary storage location/transfer station to final disposal site:

Œ

State

STG, INC.		379 PRIVLEDGE STREET			
Name of Transporter		Address			
WOONSOCKET RI		02122	3024461900		
City/Town	State	Zip Code	Telephone		

19720

Zip Code

8779999559

Telephone

NEW CASTLE

City/Town



numerion balance

# Commonwealth of Massachusetts **Asbestos Notification Form ANF-001**

100222701

Asbestos Project #

Project Revision

Project Cancellation

#### C. Asbestos Transportation & Disposal: (cont.)

3. Name and address of temporary storage location/transfer station for the asbestos containing waste material

STG, INC.		379 PRMLEDGE STREET			
Temporary Storage Location Name		Address			
WOONSOCKET	R	02122	3024461900		
City/Town	State	Zip Code	Telephone		

4. Name and location of final disposal site (asbestos landfill):

MINERVA LANDFILL		MINERVA ENTERPRISES			
Final Disposal Site Name		Final Disposal Site Owner Name			
8955 MINERVA ROAD					
Address					
WAYNESBURG	OH	44688	3308663435		
City/Town	State	Zip Code	Telephone		

# **D.** Certification

"I certify that I have personally examined the foregoing and am familiar with the information contained in this document and all attachments and that, based on my inquiry of those individuals immediately responsible for obtaining the information, I believe that the information is true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including possible fines and imprisonment. The undersigned hereby states that I have read the Commonwealth of Massachusetts regulations governing asbestos abatement (453 CMR 6.00 promulgated by the Department of Labor Standards and 310 CMR 7.15 promulgated by the Department of Environmental Protection). and that I am aware that this permit application or notification shall not be deemed valid unless payment of the applicable fee is made."

DAWN DEARBORN	DAWN DEARBORN
Name	Authorized Signature
PRESIDENT	6/16/2015
Position/Title	Date (MM/DD/YYYY)
5087525599	061515
Telephone	Representing
54 MASON STREET	WORCESTER
Address	City/Town
MA	01610
State	Zip Code

Zip Code

Revised: 11/13/2013



# Massachusetts Department of Environmental Protection eDEP Transaction Copy

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Username: DDEARBORN

Transaction ID: 776849

Document: AQ04-Asbestos Removal Notification Form ANF-001

Size of File: 57.32K

Status of Transaction: Submitted

Date and Time Created: 11/27/2015:9:28:17 AM

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- This is a revision to an existing form.
   Project ID for existing form to be revised: 100227497
- This job is being conducted under a Blanket Permit MassDEP assigned Blanket Authorization ID:
- This job is being conducted under a Non Traditional Abatement Work Practice Permit. MassDEP assigned Non Traditional Work Practice Authorization ID:
- □ I am a non-licensed contractor removing or disturbing non-friable shingles <u>only</u>.
- None of the above conditions apply, generate a new form



8

# Commonwealth of Massachusetts **Asbestos Notification Form ANF-001** Project Revision Notification

100227497R1

- Asbestos Project #
- Project Revision
- Project Cancellation

	L Facility Location:					
	USCO WEST CHOR HOUSING UNITS	917 & 921 MAIN STREET				
	Name of Eacility					
Instructions 1 All	TISBURY	MA	02568	4017361750		
sections of this form	City/Town	State	Zip Code	Telephone		
must be completed in order to comply with	(b)(6) & (b)(7)(C)	(b)(6) & (b)(7)(C)				
MassDEP notification	Facility Contact Person Name	Facility Contact Person Title				
requirements of 310	Worksite Location:	UNITS 917 & 921				
Department of Labor Standards (DLS) notification requirements of 453	2. Blanket Permit Project Approval, if app	Building Name, Wing, Floor, Room, etc.				
CMR 6.12	3. Non-Traditional Asbestos Abatement Work Practice Approval,					
	if applicable:	Ap	proval ID #			
MassDEP Use Only	9/9/2015	÷.	10/30/2015			
Date Received	Project Start Date (MM/DD/YYYY)	End Date (MM/DD/YYYY)				
	0700-1600	0700-1600				
2. Submit Original	Work Hours - Monday Through Friday		Work Hours	- Saturday & Sunday		

2 Form To: Massachusetts P.O. Box 4062 Boston, MA 02211

Commonwealth of B. Other Project Revisions:

Note: Temporary storage of Asbestos

containing waste material is only allowed at the place of business of a DLS licensed Asbestos contractor or a transfer station that is permitted by MassDEP and operated in compliance with Solid Waste Regulations 310 CMR 19.000

Mate: Contractor m



# Commonwealth of Massachusetts **Asbestos Notification Form ANF-001**

Project Revision Notification

100227497R1

#### **Asbestos Project #**

Project Revision

Project Cancellation

Note: COntractor most sign this form for DLS notification purposes

# C. Certification

"I certify that I have personally examined the foregoing and am familiar with the information contained in this document and all attachments and that, based on my inquiry of those individuals immediately responsible for obtaining the information, I believe that the information is true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including possible fines and imprisonment. The undersigned hereby states that I have read the Commonwealth of Massachusetts regulations governing asbestos abatement (453 CMR 6.00 promulgated by the Department of Labor Standards and 310 CMR 7.15 promulgated by the Department of Environmental Protection), and that I am aware that this permit application or notification shall not be deemed valid unless payment of the applicable fee is made."

DAWN DEARBORN

Name

PRESIDENT

Position/Title 5087525599

Telephone 54 MASON STREET

Address

MA State

#### DAWN DEARBORN

Authorized Signature 9/24/2015

Date (MM/DD/YYYY)

#### Representing

WORCESTER

City/Town

01610

Zip Code

CONTR DEPART U.S. CO	ACT ITEM REVI IMENT OF HOMEI AST GUARD	EW REQUEST	(						
CONTRACT NUMBER PROJECT TITLE:					LOCATION:			DATI	
HSCGG115-C-PRV100 Repair West Chop hsg, 8		nop hsg, Martha's	tha's Martha's Vin		eyard, MA		27-N	27-Nov-15	
			CONTRACTOR:	DR: SUBMITTED BY (NA			AME):	VE):	
		LOODMITTAL	Tambra Pissociate.	3 001	/• • • • • • • • • • • • • • • • • • • •	FOR	GOVERNME	T USE ON	II Y
ITEM NO	SPECIFICATION PARAGRA	SECTION AND APH NO.	DESCRIPTION OF MATERIAL (Include Type, Model Number, Catalog Number, Mfg, Etc.)		APPROVED	REJECTED	SEE	INITIAL	
1		10 UL 2 DO 000	ACM Abatement Do	cumer	Itation	- V			PLN
2									
3									
4									
5				8			Q		
	55 O								
COMME	NTS:								
<ul> <li>1) July 2015 - The joint compound in middle bedroom in 917 Main and the floor tiles in the closet of the child's bedroom in 921 Main.</li> <li>2) October 2015 - Pipe insulation in the exterior crawlspace of 921 Main.</li> <li>The documentation includes:</li> <li>-Description of confirmed asbestos containing material based on H&amp;S's 2012 hazardous building materials inspection, taken from the October 2012 inspection report, for the joint compound and floor tiles.</li> <li>-Copy of the MassDEP notification forms, ANF-001.</li> <li>-Results of asbestos clearance sampling performed by FLI Environmental.</li> <li>-ACM disposal documentation.</li> </ul>									
and/or omissions in the submittals, nor from the responsibility for complying with the requirements of the contract, except with respect to variations described and approved in accordance with FAR 52 243-4 CHANGES.									
				EED /		۲۱			
TO: CO	R		DESIGN ENGIN	CEK (I	F APPLICABL	c)			
REVIEWED, RECOMMEND PROCESSING AS INDICATED ABOVE AND SUBJECT TO ANY APPLICABLE COMMENTS ABOVE.									
TYPED	NAME & TITLE		SIGN	ATUR	E (INITIALS)		1	DATE	
CONSTRUCTION PROJECT MANAGER (COR)									
TO: CONTRACTOR 1. REVIEWED OR REJECTED AS INDICATED ABOVE AND SUBJECT TO ANY APPLICABLE COMMENTS ABOVE. 2. REQUEST PROMPT RESUBMITTAL ON REJECTED ITEMS.									
(b)(6)	$\begin{array}{c} \text{Signature} \\ \text{(b)(6) \& (b)(7)(C) cor} \end{array} \qquad \begin{array}{c} \text{Signature} \\ \text{PLN} \end{array} \\ \begin{array}{c} \text{(b)(6) \& (b)(7)(C) } \\ \text{Cor} \end{array} \end{array}$								

NOTE: Copy Contracting Officer, COR, and Government Inspector on all submittals.
#### 3.2.6 ACM Inspection Findings and Recommendations

A total of two (2) building materials from the HBM inspection of the Site were confirmed for the presence of Asbestos. The materials **confirmed** to contain asbestos in the inspected areas and are summarized as follows:

#### Confirmed Asbestos Containing Material, 921 Main Street, Vineyard Haven, MA

Sample	Material	Quantity	Analysis
Number	Location		Results
092012-09-09A	Red Brick Patter Flooring Closet in Child's Bedroom	20 SF	2% Chrysotile

#### Confirmed Asbestos Containing Material, 917 Main Street, Vineyard Haven, MA

Sample	Material	Quantity	Analysis
Number	Location		Results
092012-09-15A	Joint Compound Second Floor Middle Bedroom at Utility Hatch	200 SF	2% Chrysotile

The following building materials were identified and sampled and have been classified as **Non ACMs** in the inspected areas and are summarized as follows:

#### Confirmed Non-Asbestos Containing Material, 917 E. Main Street, Vineyard Haven, MA

LOCATION	MATERIAL				
Wall Coating on Fieldstone Wall	Basement Walls				
Wall Coating on Fieldstone Wall	Basement Walls				
Wall Coating on Fieldstone Wall	Basement Walls				
Wall and Ceiling Plaster	Basement Stairwell				
Wall and Ceiling Plaster	Basement Stairwell				
Wall and Ceiling Plaster	Basement Stairwell				
Wall and Ceiling Plaster	Crawl Space in Bedroom				
Wall and Ceiling Plaster	Crawl Space in Bedroom				
Mastic Paper on White Floor Sheeting	Kitchen				
Mastic Paper on White Floor Sheeting	Entryway At Radiator				

Has

July 13, 2015



Client: Tantara Corp. Contractor: Tantara Corp. FLI Project #: 15-1698 Site Location: USCG - West Chop 917 Main Street Tisbury, MA

Dear Sir/Madam:

FLI Environmental, Inc. (FLI) conducted post-abatement final clearance air sampling after asbestos removal at the above referenced location. The identified asbestos materials were abated witin a regulated work area and air sampling was conducted according to applicable state and federal regulations. The visual inspection, air sample collection and analysis was completed by FLI's state licensed and EPA accredited Asbestos Project Monitor listed below:

Project Monitor: Richard Bowen License #: <sup>(b)(6) & (b)(7)(C)</sup>

The work area passed the clearance criteria. Each sample was analyzed and found to be below 0.010 fibers per cubic centimeter of air (f/cc), the final clearance level mandated by the Commonwealth of Massachusetts and EPA Asbestos Regulations. The exact sample locations and analytical results are listed in the attached Final Clearance Inspection Checklist.

Samples were collected and analyzed following the NIOSH 7400 Method ("A" rules) using mixed cellulose ester membrane filters with 0.8 micrometer pore size mounted in a 2-stage, 25 mm filter cassette. This method identifies total fibers by Phase Contrast Microscopy (PCM) using 400X magnification and does not distinguish between asbestos and non-asbestos fibers (i.e. fiber glass, mineral wool, cellulose, etc.). All fibers with a length to diameter ratio of 3 to 1 or greater and a length of greater than 5 microns are considered to be asbestos fibers and are counted as such. Sample collection was performed in the open face position by drawing a known volume of air through the filter with a sampling pump. The flow rate for the sample was calibrated using a rotometer. Field blanks were analyzed to determine potential filter contamination.

FLI's laboratory is a successful participant in the NIOSH Proficiency and Analytical Testing (PAT) Program (# 102582) and is licensed by the MA Department of Labor Standards (# AA 000144).

Should you have any questions regarding this letter or project, please do not hesitate to contact us at (781) 251-0040. FLI appreciates the opportunity to provide you with our services.

Sincerely, *FLI Environmental, Inc.* (b)(6) & (b)(7)(C)

Steve Shea Manager, Field Services

Checklist	Date: July 13, 2015	Project #: 15-1698	Time: 12:10		Yes No	e Pressure:	ig in Place:	ntainment:	ç Removal:	ction criteria of no visible debris.	License #	(b)(6) & (b)(7)(C)		k (b)(7)(C)	Flow Rate Volume 1//1001/ield F/cc	16 1232 4.5 <.003	0 0 0 1 0 0	0 0 0.5 N/A		MA Lab License AA000144 - RI Lub License AAL-
nspection (						Negative	Poly Sheetin	Full Cor	Glovebag	assed the visual inspe	(C)		5	ature: (b)(6) &	d Time Minutes	3:32 77	0:00	0.00	 	21%.
Clearance I	or: Tantara Corp.	a: Second Floor	e: 3-Stage	ce: 20 SF			=		ŢŢ	nspected and has pa	Signature (6) & (b)(7			Signe	Start Time Eno	1 12:15 1	00:0	00:0		r Minute. Volume in Lite
Final	Asbestos Contracto	Containment Are	Decon Typ	Work Area Siz	Quantity	20 SF				s area outlined above has been i				Richard Bowen	ation	or, Bedroom	Blank	Blank		ney is 0.010 F/cc. Flow Rate in Liters pe
mental		t Chop	set		Material	Wall Plaster				: undersigned verify the work	Name	Richard Bowen	Not Present	Analyst	Loc	Second Flor	ei Field	Field		ment Clearance Level for Reaccupan
FLI Environ	Client: Tantara Corp	Job Site USCG - Wes	917 Main Stre	Tisbury, MA						Certification The		Project Monitor:	Supervisor	Air Sampling Data	Lab ID Sample #	1698-01	1698-02	1698-03		Additional Notes: The Post Abate

October 8, 2015



Client: Tantara Corp. Contractor: Tantara Corp. FLI Project #: 15-1698.1 Site Location: USCG - West Chop 921 Main Street Tisbury, MA

Dear Sir/Madam:

FLI Environmental, Inc. (FLI) conducted post-abatement final clearance air sampling after asbestos removal at the above referenced location. The identified asbestos materials were abated witin a regulated work area and air sampling was conducted according to applicable state and federal regulations. The visual inspection, air sample collection and analysis was completed by FLI's state licensed and EPA accredited Asbestos Project Monitor listed below:

Project Monitor: Richard Bowen License #: (b)(6) & (b)(7)(C)

The work area passed the clearance criteria. Each sample was analyzed and found to be below 0.010 fibers per cubic centimeter of air (f/cc), the final clearance level mandated by the Commonwealth of Massachusetts and EPA Asbestos Regulations. The exact sample locations and analytical results are listed in the attached Final Clearance Inspection Checklist.

Samples were collected and analyzed following the NIOSH 7400 Method ("A" rules) using mixed cellulose ester membrane filters with 0.8 micrometer pore size mounted in a 2-stage, 25 mm filter cassette. This method identifies total fibers by Phase Contrast Microscopy (PCM) using 400X magnification and does not distinguish between asbestos and non-asbestos fibers (i.e. fiber glass, mineral wool, cellulose, etc.). All fibers with a length to diameter ratio of 3 to 1 or greater and a length of greater than 5 microns are considered to be asbestos fibers and are counted as such. Sample collection was performed in the open face position by drawing a known volume of air through the filter with a sampling pump. The flow rate for the sample was calibrated using a rotometer. Field blanks were analyzed to determine potential filter contamination.

FLI's laboratory is a successful participant in the NIOSH Proficiency and Analytical Testing (PAT) Program (# 102582) and is licensed by the MA Department of Labor Standards (# AA 000144).

Should you have any questions regarding this letter or project, please do not hesitate to contact us at (781) 251-0040. FLI appreciates the opportunity to provide you with our services.

Sincerely, *FLI Environmental, Inc.* (b)(6) & (b)(7)(C)

Steve Shea Manager, Field Services

Ĩ	J Environ	mental	Final C	learanc	e Inspe	ction Che	cklist			
Client	: Tantara Corp.		Asbestos Contractor	Tantara (	Ē			Date:	October {	3, 2015
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						Poly Sheeting in ]	Place:			
			( <u>4</u>			Full Contain	ment:			
						Glovebag Ren	ioval:			2
Certifica	ation The	undersigned verify the work area out	ined above has been insp	bected and h	as passed the	visual inspection	criteria of 1	no visible	debris.	
		Name	(q)	3) & (b	1)(7)(C				Licens	#
Proje	et Monitor:	Richard Bowen							(b)(6) & (b	(T)(C)
	Supervisor:	Don Flynn	9)(q)	(p) & (p)	)(7)(C)				(b)(6) & (b)	(7)(C)
<u>Air Sam</u>	pling Data	Analyst: Richard I	Jowen		Signature:	Undalla K.	Hann	,	Pass	2
Lab ID	Sample #	Location		Start Time	End Time	Minutes Flow	Rate Vol	ume 10	/100 Field	P/cc
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	1698.1-02	Field Blank		0:00	0.00	0	-	_	1.0	V/N
	1698.1-03	Field Blank		0:00	0:00	₩ 0 0			0,5	N/A
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							_			
Additional N	lotes: The Post Abate	ment Clearance Level for Reoccupancy is 0.0101	/cc. Flow Rate in Liters per Mi	inute. Volume 1	n Liters.	V	IA Lab Licens	c AA000144	- RI Lab Lice	ase AAL-098

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SERVICE TRANSPORT GROUP, INC. 317414

47

58 P	YLES LANE, NEW CASTLE, DE 19720				P	HONE:	(877) 999-9559		
N	9 420111 WASTE	SHIPN	IENT	RECORD		STG	159419		
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	2. Removal Contractor: Name/Address TANTARA Corporation 54 Mason St.		ntact	11		Cont (S	(708)		
ror	3. Responsible Agency: Name/Address USEPA Region 1 5 Post Office Symme Ste. Boston, MA 02109-392	100	4. US	DOT Class	FRIABLE ASBESTO	S ONL	Y 2		
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0	IF Non-Fnable (check one): Category I Category II								
	6. Special Handling Instructions Enversence Remarks New PLAN - 304-1133								
	7. Generator Certification: This is to carify that the above named materials are properly classif according to the applicable regulations of the Department of Transports to the bast of my knowledge. If the waste shipment is not as I stated, the exponse. Printed/Typed Name & Title Mark Lovejoy, Proj. Manage.	ed, describination, US E I	ed. packa P.A., and a	(6) &	babeled and are in preper conservation $(b)(7)(c)$	lition for I o foregon e locat. Date	transport by highway ag is two and correct on at the generator's $2 c / 15^{-1}$		
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SI	11. Discrepancy Indication Space:		itle:						
A	12. Waste Disposal Site Owner or Operator's Certif	ication	Recei	t of above W	aste evcent as noted i	n (11)			
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WHITE-Generator - GREEN SITIG - YELLOW-Contractor - PINK-Landki - GOLD-Pick Up Receipt



SERVICE TRANSPORT GROUP, INC. 3772

8 PY	LES LANE, NEW CASTLE, DE 19	720			PHONE: (	877) 999-9559			
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WHITE Generator - GREEN SITG - YELLOW-Constant - PIPIK-Landki - GOLD-Pick Up Recept

U.S. Department of Homeland Security

United States Coast Guard



Commanding Officer United States Coast Guard Health, Safety, and Work-Life Service Center 427 Commercial St Boston, MA 02109 Staff Symbol: (se-fo) Phone: (b)(6) & (b)(7)(C) Email (b)(6) & (b)(7)(C)

5100 04 Dec 2018

From: (b)(6) & (b)(7)(C) (b)(6) & (b)(7)(C) CG HSWL SC (se-fo) Det Boston

To: CG Base Cape Cod

**MEMORANDUM** 

Subj: WEST CHOP LEAD EXPOSURE HEALTH RISK ASSESSMENT (HRA)

Ref: (a) Medical Manual COMDTINST M6000.1 (series)

(b) Safety and Environmental Health Manual COMDTINST M5100.47(series)

1. On 20 August 2018, the Health, Safety, and Work-Life Service Center, Safety and Environmental Health Division, Detached Boston (HSWL SC se-fo Det Boston) office received notification a dependent's blood lead level (BLL) exceeded prescribed standards outlined in reference (a); the dependent resides at (b)(6) & (b)(7)(C), a CG-owned housing unit, and received blood lead screening as part of a routine exam. Results of the sampling revealed the child's BLL to be 8.0 ug/dL, any value over 5.0 ug/dL is considered elevated blood lead level (EBLL). Upon receipt of these results all other family members were screened for EBL and HSWL SC (se-fo) Det Boston completed an EBL assessment in accordance with reference (b).

2. On 22 August 2018 HSWL SC se-fo Det Boston assessed potential lead exposure sources at the West Chop Lighthouse property, located in Tisbury, MA (Martha's Vineyard). The assessment included a visual assessment of all structures on the 2.17 acre premises, an interview with housing occupants, and dust, paint, soil, and water sampling for lead analysis.

3. The assessment identified multiple structures on the property with deteriorating lead containing paint and lead contamination of the soil. The conditions posed a high risk of lead exposure to residents and were the likely source of the EBL in the dependent. Enclosure (1) contains a detailed report of the assessment.

4. Please contact (b)(6) & (b)(7)(C) with questions or concerns regarding this assessment.

#

Enclosure: (1) West Chop Lighthouse Housing – Lead Exposure HRA Copy: CG HSWL SC (se) CG SECTOR Southeast New England CG STA Menemsha

	Health, Safety, and Work-Life Service Center Safety & Environmental Health Division West Chop Lighthouse Housing – Lead Exposure Health Risk Assessment Report
Introduction	On 22 August 2018, the Health, Safety, and Work-life Service Center, Safety and Environmental Health Division, Detached Boston (HSWL SC se-fo Det Boston) office conducted an assessment at the West Chop Lighthouse property in Tisbury, MA following a report of elevated blood lead level (EBLL) in an occupant. The assessment included a visual assessment of all structures on the 2.17-acre property, interviews, and sampling of surface dust, paint, soil, and water for lead analysis.
Reference	<ul> <li>(a) 29 CFR §1910.1025 (OSHA General Industry Lead Standard)</li> <li>(b) 29 CFR §1926.62 (OSHA Construction Industry Lead Standard)</li> <li>(c) 40 CFR §300, Environmental Protection Agency (EPA) Safe Drinking Water Act</li> <li>(d) The Coast Guard Occupational Medicine Manual, COMDTINST M6260.32</li> <li>(e) The Coast Guard Safety and Environmental Health Manual, COMDTINST M5100.47(series)</li> <li>(f) Lead Hazard Awareness and Management Tactics, Techniques and Procedures, FORCECOM CGTTP 4-11.6 of 12 Nov 2015</li> <li>(g) OSHA Compliance Directive (CPL) 2-2.58 Lead Exposure – Inspection and Compliance Procedures</li> </ul>
Background	The West Chop property is approximately 2.17 acres and consists of the West Chop Lighthouse, $(b)(6) & (b)(7)(C)$ housing unit, $(b)(6) & (b)(7)(C)$ housing unit with detached single-story garage, Fog Signal Building, Paint/Oil Locker, and a metal/concrete Fog Signal on the eastern edge of the property. The West Chop Lighthouse is a painted brick lighthouse with an attached small, single-story building. Previous reports indicate that the original West Chop Lighthouse was a stone tower constructed in 1817, but due to erosion of the shoreline, the lighthouse was moved toward the west in 1846. The current brick light was constructed in 1892 following the demolition of the original stone light. The light was automated in 1976. Two families reside on the West Chop Lighthouse property. The $(b)(6) & (b)(7)(C)$ housing unit is two-stories with an unfinished basement and occupied by the $(b)(6) & (b)(7)(C)$ housing unit is a similarly constructed building; however, it has a single-story garage and is occupied by the $(b)(6) & (b)(7)(C)$ including $(b)(6) & (b)(7)(C)$ ages $(b)(7)(C)$ ages $(b)(7)(C)$ including $(b)(6) & (b)(7)(C)$ ages $(b)(6) & (b)(7)(C)$ and $(b)(6) & (b)(7)(C)$ including $(b)(6) & (b)(7)(C)$ ages $(b)(7)(C)$ ages $(b)(7)(C)$ including $(b)(6) & (b)(7)(C)$ ages $(b)(7)(C)$ ages $(b)(7)(C)$ including $(b)(6) & (b)(7)(C)$ ages $(b)(7)(C)$ ages $(b)(7)(C)$ and $(b)(6) & (b)(7)(C)$ including $(b)(6) & (b)(7)(C)$ ages $(b)(7)(C)$ ages $(b)(7)(C)$ ages $(b)(7)(C)$ and $(b)(6) & (b)(7)(C)$ including $(b)(6) & (b)(7)(C)$ ages $(b)(7)(C)$ ages $(b)(7)(C)$ and $(b)(6) & (b)(7)(C)$ including $(b)(6) & (b)(7)(C)$ ages $(b)(7)(C)$ ages $(b)(7)(C)$ and $(b)(6) & (b)(7)(C)$ ages $(b)(7)(C)$ ages $(b)(7)(C)$ ages $(b)(7)(C)$ and $(b)(6) & (b)(7)(C)$ ages $(b)(7)(C)$ ages $(b)(7)(C)$ and $(b)(6) & (b)(7)(C)$ ages $(b)(7)(C)$ ages $(b)(7)(C)$ ages $(b)(7)(C)$ ages $(b)(7)(C)$ ages $(b)(7)(C)$ ages $(b)(7)(C)$ ages $(b)(7)(C)$ ages $(b)(7)(C)$ ages $(b)(7)(C)$ ages $(b)(7)(C)$ ages $(b)(7)(C)$ ages $(b)(7)(C)$ ages $($
Appendices	<ul> <li>A. Assessment Protocol</li> <li>B. Previous Assessment Summary</li> <li>C. Sampling Results</li> <li>D. Assessment Pictures</li> <li>E. HCMS Report</li> </ul>

Methods	<u>Literature Review</u> : Assessors completed a review of all pertinent documents, reports and records pertaining to West Chop Lighthouse lead hazards.						
	<u>Observations and Occupant Interviews</u> : Assessors completed a facility walkthrough to identify potential sources of lead contamination. Additionally, they interviewed occupants of both residences using the U.S. Department of Housing and Urban Development's "Resident Questionnaire for Investigation of Children with EBLL".						
	Dust and Paint Sampling and Analysis: One wipe sample was collected in each room and basement of both homes. Additional wipe samples were collected within the home with EBLL case ((b)(6) & (b)(7)(C)) of toy chests, couches, and other noticeably dusty surfaces. Wipe samples were also collected from surfaces on outdoor items located near the lighthouse that showed evidence of regular use (i.e. outdoor swing). A total of 40 wipe samples were collected during the assessment for laboratory lead analysis. Assessors collected 16 paint chips and submitted samples to an accredited laboratory for lead analysis. Samples were collected in the following locations: (b)(6) & (b)(7)(C)(4) housing units, the Fog Signal Building (7), the garage (3), and the Paint/Oil Locker (2).						
Soil Sampling and Analysis: Assessors collected 1 background soil sample samples in high traffic/high play areas for laboratory lead analysis.							
	Water Sampling and Analysis: Assessors collected water samples from the kitchen sink and 2 <sup>nd</sup> floor bathroom of both residences for laboratory lead analysis following of EPA Method 200.8. Water samples were also tested for pH and disinfectant residual.						
Evaluation Criteria	Details on selection, limitations and use of the evaluation criteria are in Appendix A.						
Previous Reports	Appendix B contains a summary of key assessment reports related to West Chop Lighthouse.						
Results	Literature Review						
	Since 2006, several stakeholders have collaborated in evaluating the suitability of West Chop Lighthouse for occupancy. A comprehensive literature review demonstrated lead contamination remained a consistent hazard for over a decade. Some records were available in the Housing Management Information System (HMIS); however, not all pertinent information and records were available or appropriately shared with relevant stakeholders. Between 2014 and 2015, a series of memos between CG Housing, SILC/CEU Providence and DCMS discussed divesting the West Chop Lighthouse property due to maintenance costs. However, Martha's Vineyard was and is classified as a Critical Housing Area. Ultimately, the decision was made to perform limited lead abatement activities and continue to use the West Chop Lighthouse property for government housing.						

Continued on next page

#### Results (Continued)

Interviews and Visual Assessment:

On 20 August 2018, HSWL (se-fo) Det Boston received notification that an occupant of **(b)(6) & (b)(7)(C)** completed a routine lead test in conjunction with the child's 12-month pediatric check-up and results indicated a blood lead level (BLL) of 8.0 micrograms per deciliter of blood ( $\mu$ g/dL); this level exceeds the reference level of 5.0  $\mu$ g/dL and is classified as an EBLL.

Following the initial report of EBLL, the remaining residents were offered medical screening for EBLL. Two children occupying (D)(6) & (D)(7)(C) were screened and results confirmed blood lead levels below the reporting limit. The parents opted not to be screened. All family members of (D)(6) & (D)(7)(C) received EBLL screening. Results indicated the two youngest children (2 and 2 years old) had EBLL. The remaining family members blood lead levels remained below the reporting limit.

Questionnaire responses indicated that the most significant contributor of lead exposure came from the home environment. An evaluation of work environments for all working parents revealed no additional sources of lead exposure. Additionally, the assessment team evaluated and eliminated hobbies outside the home as potential sources of lead exposure. Interviews and visual assessment of the property showed that children regularly use the property as a play area as evident by presence of toys and wear and tear in the soil. Presence of picnic tables, outdoor seating areas, and grills indicate regular use of outdoor space by all West Chop residents. Flaking paint was visible on the lighthouse exterior and paints chips were located throughout the outdoor property.

#### Surface Dust:

(b)(6) & (b)(7)(C) Lead Dust Results: 9 of 10 wipe samples indicated that no lead dust was detected. One wipe sample collected from the basement floor revealed a lead concentration of 2,200  $\mu$ g/ft<sup>2</sup>, well above the 40  $\mu$ g/ft<sup>2</sup> Action Level, and classified as a Major Finding.

(b)(6) & (b)(7)(C) Lead Dust Results: 12 of the 20 wipe samples had detectable concentrations of lead. However, only two samples exceeded the lead Action Level including the bottom of a toy chest (66  $\mu$ g/ft<sup>2</sup>) and basement floor (2000  $\mu$ g/ft<sup>2</sup>) resulting in a classification as a Major Finding.

Other Structures: Seven wipe samples revealed lead concentrations that exceeded the Action Level resulting in a classification as Major Findings. These samples were collected from the Fog Signal Building floor, garage floor, and from the surfaces of a canoe, bicycle seat, and water table toy.

#### Lead Paint:

Laboratory results show that all 16 paint chips collected contained lead.

#### Soil Analysis:

Sample Sites #1-24 mirrored the sample sites of the Phase I/II Environmental Site Assessment Report for West Chop Light. Sample Sites #25-30 represented high traffic and children's play areas. Results revealed that 21 soil samples exceeded the respective Action Level with 20 classified as Major Findings and one classified as Action Level.

Continued on next page

**Results** <u>Potable Water Analysis</u>:

(Continued) Results revealed the presence of lead in water collected from the 2nd floor bathroom sink in both residences; however, the concentrations were below the Action Level. Testing showed that the pH was acceptable, but disinfectant residual was not adequate.

Appendix C provides detailed tables summarizing all laboratory results and Appendix D illustrates pictures taken from the assessment.

**Discussion** Lead contamination at the West Chop Lighthouse property primarily stems from deteriorating lead-containing paint (LCP) on the lighthouse exterior and in the residences. A review of historical records, staff observations, occupant interviews, and samples of soil, water, surface dust, and paint support this conclusion. Observations revealed multiple locations on the property with flaking paint deposited on the grounds. Soil samples collected throughout the property demonstrated an accumulation of lead in the soil attributed to paint chip deposits over time. Occupant interviews revealed dependent children spend substantial time outside playing throughout the property, which prompted the assessment team to apply the outdoor play area criteria in reference (e) for lead soil concentrations. Twenty of the 30 soil samples had lead concentrations that resulted in classification as Major Findings per reference (e). Major Findings warrant immediate action to correct the hazard and minimize exposure risks.

Household lead dust is most commonly the result of LCP disturbance via vibration, surface contact, wear and tear, and home repair activities. Lead dust and paint chips can get on surfaces and objects that people touch. Settled lead dust can re-enter the air during cleaning activities and when disturbed by foot traffic.

The team evaluated several sources of potential lead exposure in the residences. Samples including paint, surface dust, and water all revealed at least trace amounts of lead. Bulk sampling of various deteriorated painted surfaces confirmed the presence of lead in all samples with ten samples exceeding the Action Level. Additionally, lead was detected in more than 50% of the wipe samples and 27.5 % of the wipe samples exceeded the Action Level of 40  $\mu$ g/ft<sup>2</sup>. It is important to note that both families thoroughly cleaned the housing units after receiving the EBLL notification and prior to our visit, which is clearly supported by our surface wipe sample results. Therefore, the surface lead dust concentrations inside the housing units was likely higher before the cleaning.

Surface dust serves as a contamination indicator for all possible lead sources in the residence except for the potable water. The results demonstrate that deteriorated interior LCP and outdoor lead sources such as soil and paint chips are contributing to lead dust contamination in the housing units. Furthermore, lead contamination within the residence was not isolated to one area. Surface wipe samples showed that toys, a room with a crib, and the basement floor all exceeded the Action Level.

Water samples collected revealed detectable concentrations of lead in the water system; however, results were below the Action Level outlined in reference (e). Additionally, sampling of the drinking water pH showed the water was not corrosive and not at risk for contributing lead to the water.

Discussion (Continued)

The team evaluated the disinfectant residual in the water system as part of the assessment. A disinfectant residual is maintained in potable water distribution systems to ensure that bacteria and other microorganisms that enter the system after treatment can effectively be inactivated. However, it does not affect plumbing corrosion or lead contamination. The disinfectant residual concentrations for both housing units were below the minimum standard necessary to ensure safe drinking water. The loss of halogen residual within a distribution system may be the result of numerous factors including long retention time in storage tanks, oversized transmission lines, and dead-ends in the distribution lines addition, the accumulation of organic and inorganic matter such as sediments, debris, corrosion by-products, and biofilms. An insufficient halogen residual can lead to the growth of coliform organisms and accumulation of biofilm. Periodically flushing water through faucets, especially after long periods of non-use, can restore disinfectant residuals by drawing freshly treated water containing adequate disinfectant from the water distribution system.

Additionally, as part of the assessment, assessors evaluated general fire and life safety issues on the property. That evaluation revealed several other concerns pertinent to health and safety including exposed electrical wiring and presumed asbestos-containing material within the Fog Signal Building.

#### Health Effects

Lead can affect almost every organ and system in your body and the route of exposure does not influence the impact of lead burden. The main target for lead toxicity is the nervous system in adults and children. Long-term exposure of adults can result in decreased performance in some tests that measure functions of the nervous system. It may also cause weakness in fingers, wrists, or ankles. Lead exposure also causes small increases in blood pressure, particularly in middle-aged and older people and can cause anemia. Exposure to high lead concentrations can severely damage the brain and kidneys in adults or children and ultimately cause death. In pregnant women, high levels of exposure to lead may cause miscarriage. High level exposure in men can damage the organs responsible for sperm production. Small children can be exposed by eating LCP paint chips, chewing on objects painted with LCP, or swallowing house dust or soil that contains lead. Children are more vulnerable to lead poisoning than adults and the frequency and amount of lead exposure significantly impacts the health outcome.

Recommended1.Control the source of lead contamination through abatement of failing lead paint<br/>throughout the lighthouse property.

- 2. Remediate contaminated soil on the property.
- 3. Restrict access to West Chop Light to only essential personnel only.
- Continue monitoring BBL of all past and current residents of (b)(6) & (b)(7)(C) and (b)(6) & (b)(7)(C) in accordance with state and federal regulations.

Continued on next page

Recommended	5. Clean all interior surfaces.
Actions ( <i>Continued</i> )	6. Carefully clean up paint chips near high children and pet activity areas immediately without creating dust, wet the area first to avoid creating dust.
	7. Wash your hands and your children's hands often with soap and water, especially before they eat and before nap time and bed time.
	8. Machine-wash any dirty or dusty linens and clothing with general detergent.
	9. Ensure all results and information from this report are reflected in the lead management program inventory of Base Cape Cod and STA Menemsha.
	10. Ensure all results and information from this report are reflected in HMIS.
	11. Implement the following measures to minimize lead contamination of the potable water; continue flushing potable water sources for drinking, eating, and food preparations for 10 seconds prior to consumption, continue to monitor pH and halogen residual meet acceptable conditions in alignment with reference (c)
 Limitations	The observations, results, and potential health risks identified in this report are only representative of the conditions that existed at the time that our assessment was conducted. This assessment was not comprehensive and did not include evaluations of

all areas for lead dust or condition assessment of all lead paint. The sampling

data in this report cannot be used to scope contract abatement projects.

conducted during this assessment was conducted to evaluate immediate human health risk posed by recognized lead hazards. The professionals conducting the assessment do not maintain state certifications for lead risk assessment. Therefore, the sample



Appendix A- Elevated Blood Lead Assessment Protocol



Scope

This protocol provides guidance for investigating lead exposure in response to an elevated blood lead (EBL) screening of Coast Guard member(s) and/or dependent(s) occupying Coast Guard housing. Assessment includes literature review of all pertinent documentation, occupant interviews, walkthrough, dust and paint sampling for lead analysis, soil sampling for lead analysis, and water sampling for lead analysis.

The following supplies will be needed for dust sampling: Equipment

- Ghost Wipes<sup>®</sup>
- Wipe Sample template(s) (1' x 1')
- Tape measure and masking tape

The following supplies will be needed for bulk paint sampling:

- Paint sample template:  $(4x4" \text{ or } 25 \text{ cm}^2)$
- Tape measure and masking tape
- Cutting/scraping tool (stainless steel scraper, chisel, knife) and hammer
- Rigid plastic screw-top containers for samples

• Wipes for cleaning tools, etc.

- Sample collection device (clean paper)
- Disposable wipes for tool cleaning
- Rigid plastic screw-top containers or thick plastic bags for samples

The following supplies will be needed for soil sampling:

- Shovel or similar digging device
- Thick quart to gallon size plastic bag for samples
- Disposable wipes for tool cleaning

The following supplies will be needed for water sampling:

• Sterilized sample bottles obtained • Colorimeter test kit with pH, total, and free from the analyzing laboratory available chlorine reagents and buffer solution

Additional equipment include permanent marker, camera, flashlight, chain of custody forms, and trash bags for waste disposal.

Personal At minimum, disposable nitrile gloves (non-sterilized, non-powdered) should be used during sample collection and must be changed between each sample. Also, there may be Protective times when conditions may necessitate use of respiratory and clothing protection. This Equipment will largely be left to the sample collectors discretion, but the primary considerations (PPE) should be the surface dust loading, confined nature of the space, and anytime that the collector believes that an exposure may occur, for any reason.

#### Admin & **Literature Review**

Literature Review

HSWL staff must conduct literature review of all available documents pertaining to the safety and environmental health history of the housing unit(s) being investigated. Sources of information include, but are not limited to, HSWL SC Safety and Environmental Health Paperless Filing System, Hazardous Conditions Management System (HCMS), Housing Management Information System (HMIS), as well as from Base Facility Engineering and Civil Engineering Unit staff that maintain or oversee the property.



Appendix A- Elevated Blood Lead Assessment Protocol



#### Admin & <u>Occupant Interviews</u>

Literature Review (continued)

HSWL must conduct occupant interviews to gather general information about the living environment, occupant routine, potential sources of lead hazards in the home environment, potential sources of lead hazards due to occupation or hobbies, and child behavior risk factors. It is recommended that the HSWL staff utilize the U.S. Department of Housing and Urban Development's "Resident Questionnaire for Investigation of Children with EBLL".

#### Surface Dust <u>Dust Sampling and Analysis</u>

Collect surface wipe samples to evaluate lead in settled dust on surfaces personnel likely contact and other select areas as determined necessary by the assessment team. Collect all samples from horizontal surfaces and preferably from surfaces containing visible dust. Follow NIOSH Method 9102/EPA Method SW846 6010C and analyzed using NIOSH Method 7300-Modified for lead in surface dust concentrations. The method highlights are below:

- a) Sample Media: Ghost Wipes®
- b) Sample Area: One (1) square foot (ft2)
- c) Analysis: Inductively Coupled Plasma-Mass Spectrometry
- d) Applicability: Not compound specific; detects all elemental lead including fume and other aerosols containing lead
- e) Interferences: None reported for field sample collection

#### Lead Contaminated Surface Dust Evaluation Criteria

Evaluation of Surface Cleanliness ("Level of Acceptable Decontamination")

- Hygienic Areas (i.e. change areas, classrooms, offices, berthing spaces, messing facilities, and lunchrooms/eating areas): 40 micrograms per square feet (µg/ft<sup>2</sup>)
- Non-Hygienic Areas (i.e. ship bilges; firing ranges, armory, and engine rooms): 200 micrograms per square feet (µg/ft<sup>2</sup>)

<u>Residential – Monitoring Level</u>

Floors: Normally occupied interior areas found to contain lead dust less than 40 μg/ft<sup>2</sup>.

Residential – Action Level

 Floors: Normally occupied interior areas found to contain lead dust greater than or equal to 40 μg/ft<sup>2</sup>.

Residential – Major Finding

Floors: Normally occupied interior areas found to contain lead dust greater than or equal to 40  $\mu$ g/ft<sup>2</sup> AND the paint is in an area used by a pregnant woman and/or a small child (under the age of seven years old).



Appendix A- Elevated Blood Lead Assessment Protocol



Lead Containing Paint (Bulk Method)

#### **Bulk Paint Sampling and Analysis**

Paint must be sampled to ensure that all layers of the paint down to the substrate are collected from each location. Target areas of damaged/failed coatings and avoid intact coatings that would require repair, when possible. Avoid collecting paint samples on substrates that present a hazard to the assessor (i.e. electrical systems) and on substrates that might be damaged during sample collection (i.e. hull). Paint chip sample collection often requires an implement to effectively capture the scrapings such as a clean piece of paper or cleanable tray, which must be changed out/or cleaned between each sample.

Bulk paint samples are collected and submitted to a National Lead Laboratory Accreditation Program (NLLAP) certified laboratory. Follow the sample collection and analysis method including EPA Mod. SW 846 6010C/6020A/7000B, and Mod. OSHA 125G, that utilize ICP and AAS analysis following the criteria listed below:

- a) Sample Media: Bulk paint, all layers without substrate
- b) Sample Area: Approximate 4"x4" area of paint needed for analysis
- c) Analysis: EPA 6010C/6020A/7000B or OSHA 125G
- d) Applicability: Analysis of multiple metals/metalloids in paint
- e) Interferences: None reported for field sampling

#### Lead Containing Paint Evaluation Criteria

Lead Containing Paint (LCP) is paint that contains any concentration of detectable lead. Coast Guard units must make every effort to only use non-lead paint. When non-lead paint is an absolute non-feasible option, units must use paints, coatings systems, adhesives etc. containing less than 0.009 percent lead by dry weight (% W/W).

Monitoring Level

• Interior or exterior paint with lead content greater than or equal to 0.5% W/W by lab analysis and the entire surface is intact.

Action Level

• Interior or exterior paint with lead content greater than or equal to 0.5% W/W by lab analysis and the paint surface is in fair or poor condition.

#### Major Finding

 Interior or exterior paint with lead content greater than or equal to 0.5% W/W by lab analysis, paint surface is in fair or poor condition, AND the paint is in an area used by a pregnant woman and/or a small child (under the age of seven years old).

#### Soil Soil Sampling and Analysis

Containing Lead

<sup>g</sup> Collect soil samples in areas of interest in accordance to EPA's SW-846 Test Method 7000B: Flame Atomic Absorption Spectrophotometry. Areas of interest include, but are not limited to, areas in close proximity to deteriorating paint sources, high traffic and use areas, and areas of child play.

Continued on next page



Appendix A- Elevated Blood Lead Assessment Protocol



Soil Containing Lead (continued)

#### Lead Contaminated Soil Evaluation Criteria

#### Monitoring Level

- Bare Residential Soil Around Building Perimeters and Yards: 400 1200 parts per million (ppm)
- Play Areas and High Contact Areas for Children: 100 200 ppm Action Level
  - Bare Residential Soil Around Building Perimeters and Yards: 1200 5000 ppm
  - Play Areas and High Contact Areas for Children: 200 400 ppm

#### Major Finding

 Bare Residential Soil Around Building Perimeters and Yards: > than 5000 ppm Play Areas and High – Contact Areas for Children: Greater than 400 ppm.

#### Water <u>Water Sampling and Analysis</u>

Collect all samples from the cold-water plumbing with screens/aeration fixture devices remaining in place, but remove any point-of-use filtration or treatment devices. Recommend collection from most commonly used source of drinking water (i.e. kitchen faucet). These are the mandatory sample methods for each of the required water quality parameters:

Lead (Pb): Collect samples in sterile containers from the laboratory. Analyze using EPA approved method with not less than five parts per billion (ppb) limit of detection (i.e. with EPA Method 200.8: Determination of Trace Elements in Waters and Wastes by Inductively Coupled Plasma-Mass Spectrometry)

pH: Test with a portable colorimeter per manufacturer directions.

Disinfectant Residual: Test with portable colorimeter per manufacturer directions.\*

\*IMPORTANT: Determine the type of chemical disinfectant for the source water in order to measure the appropriate halogen residual during the assessment. For shore facilities using chlorine, measure Free Available Chlorine (FAC). For shore facilities using chloramines, measure the total chlorine residual.

#### Water Evaluation Criteria

EPA Action Level for Lead in Drinking Water:

- 15 parts-per-billion (ppb) or micrograms per liter (µg/L).
- Halogen Residual, Free Available Chlorine (FAC) or Total Chlorine Range:
  - MINIMUM Measurable Trace, Optimally 0.2 parts-per-million (ppm)
  - MAXIMUM 4.0 ppm
  - Total Chlorine Between 1.0 and 4.0 ppm is ideal

Recommended pH Range for Drinking Water:

- MINIMUM 6.5
- MAXIMUM 8.5



Appendix B- Previous Report Summary



Previous Reports

#### <u>2006 – 2008: Phase I/II Environmental Site Assessment Report</u>

A Phase I Environmental Site Assessment was initiated by Civil Engineering Unit (CEU) Providence to support the lighthouse divestiture program. A Phase II Limited Site Investigation targeting common contaminants around lighthouses ran concurrently to the Phase I. The firm hired to complete the assessment evaluated several environmental contaminants. Part of the assessment included soil sampling around current and former structures throughout the West Chop property to assess the potential impacts from historic lead-based paint use on surface soils. Results indicated that the surface soil has been impacted by historic use of lead-based paint.

#### 13 August 2012: HSWL SC (se-fo) Housing Tiger Team Assessment Report

On 10 July 2012, CEU Oakland and HSWL SC (se-fo) staff, accompanied other CG stakeholders, conducted site visits at Coast Guard-owned housing units in Martha's Vineyard as part of the CG National Housing Assessment to determine CG-wide housing adequacy. During the West Chop Lighthouse housing unit assessments, HSWL SC (se-fo) staff identified interior paint in poor condition and cited a 2004 assessment report that positively identified lead-containing paint on housing interior

surfaces.

(b)(5)



Health, Safety, and Work-Life Service Center Safety & Environmental Health Division Appendix C- Sampling Results Summary



#### **Surface Wipe Sample Results**

	Evaluation	n Criteria
Application	Classification	Criteria
	Monitor Level	Surface concentration $< 40 \ \mu g/ft^2$
Floors & contact surfaces in	<b>Action Level</b>	Surface concentration $\geq 40 \ \mu g/ft^2$
CG Housing and CDCs	Major Finding	Surface concentration > 40 $\mu$ g/ft <sup>2</sup> and a child $\leq$ 7 years old and/or a pregnant woman use the area

\* µg/ft<sup>2</sup> = micrograms per square foot of surface

		(b)(6) & (b)(7)(C) - Dust Wipe Results		
Sample #		Sample Description	Sample Results (µg/ft <sup>2</sup> )	SEHMAN Classification
<sup>(b)(6) &amp; (b)(7)(C)</sup> W-10	Basement	Floor; Concrete	2200	Major Finding
W-01		Upstairs Bathroom; Vinyl	ND	<b>Monitor Level</b>
W-02	and Elson	Girl's Bedroom Floor; Hardwood	ND	<b>Monitor Level</b>
W-03	2 F1001	Boy's Bedroom Floor; Hardwood	ND	Monitor Level
W-04		Master Bedroom Floor; Hardwood	ND	<b>Monitor Level</b>
W-05		Bottom of Stairs; Vinyl	ND	<b>Monitor Level</b>
W-06		Living Room Floor; Vinyl	ND	<b>Monitor Level</b>
W-07	1 <sup>st</sup> Floor	Kitchen Floor (By Front Door); Vinyl	ND	Monitor Level
W-08		Den Floor (Off of Kitchen); Hardwood	ND	Monitor Level
<b>W-0</b> 9		Bathroom Floor; Vinyl	ND	<b>Monitor Level</b>

(b)(6) & (b)(7)(C) - Dust Wipe Results					
Sample # Surface Wipe Sample Description		Surface Wipe Sample Description	Sample Results (µg/ft <sup>2</sup> )	SEHMAN Classification	
<sup>(b)(6) &amp; (b)(7)(C)</sup> W-20	Basement	Floor; Concrete	2000	<b>Major Finding</b>	
W-02		Bedroom w/Crib - Toy Chest Bottom: Wood	66	<b>Major Finding</b>	
W-01		Upstairs Bathroom Floor; Tile Vinyl	14	<b>Monitor Level</b>	
W-03		Bedroom w/Crib; Floor - Corner; Hardwood	ND	<b>Monitor Level</b>	
W-04		Bunk Bedroom – Plastic LEGO Bucket Bottom	18	<b>Monitor Level</b>	
W-05	2 <sup>nd</sup> Floor	Bunk Bedroom Floor - Under Bed; Hardwood	ND	<b>Monitor Level</b>	
W-06	]	Bunk Bedroom Floor - Corner; Hardwood	11	<b>Monitor Level</b>	
W-07		Master Bedroom Closet - Floor; Hardwood	ND	Monitor Level	
W-08	]	Hall Closet/Top of Stairs - Floor; Hardwood	ND	<b>Monitor Level</b>	
W-09	]	Maroon Staircase (Midway); Wood	23	Monitor Level	



Appendix C- Sampling Results Summary



$(0)(0) \propto (0)(7)(C)$ - Dust Wipe Results					
Sample #		Surface Wipe Sample Description	Sample Results (µg/ft <sup>2</sup> )	SEHMAN Classification	
<sup>(b)(6) &amp; (b)(7)(C)</sup> W-10		Bottom of Staircase Floor; Linoleum	11	<b>Monitor Level</b>	
W-11		Den Floor; Hardwood	ND	<b>Monitor Level</b>	
W-12		Bathroom Floor; Tile Vinyl	ND	<b>Monitor Level</b>	
W-13		Living Room Couch, Middle Seat; Leather	17	<b>Monitor Level</b>	
<b>W-14</b>	1st Floor	Living Room Coffee Table; Wood	ND	<b>Monitor Level</b>	
W-15	1 FI001	Living Room Floor; Hardwood	11	<b>Monitor Level</b>	
W-16		Dining Table - High Chair Tray; Plastic/Fabric	ND	<b>Monitor Level</b>	
W-17		Kitchen Floor; Tile Vinyl	13	Monitor Level	
W-18		Mud Room/Entry Way; Vinyl	13	<b>Monitor Level</b>	
W-19		Laundry Room; Vinyl	13	<b>Monitor Level</b>	

West Chop (Other Structures Besides Homes) - Dust Wipe Results					
Sample #		Surface Wipe Sample Description	Sample Results (µg/ft <sup>2</sup> )	SEHMAN Classification	
WC-01		Concrete Floor by Water Facing Door; Red Paint	570	<b>Major Finding</b>	
WC-03	Fog Signal Building	Concrete Floor of Side Room; Red & Gray Paint	550	<b>Major Finding</b>	
WC-02		Concrete Floor - Street Facing; Door; Gray Paint	460	<b>Major Finding</b>	
WC-04		Quad Bike Seat; Black Leather	94	<b>Major Finding</b>	
WC-05		Canoe; Plastic	100	<b>Major Finding</b>	
WC-10	Garage	Concrete Floor; Blue Paint	98	<b>Major Finding</b>	
WC-07		Kid's Water Table Toy; Plastic	110	<b>Major Finding</b>	
WC-08	Outdoors	Grill; Black Metal	22	Monitor Level	
WC-06		Love Seat Swing; Wood	ND	Monitor Level	
WC-09		Kid's Red/Black Bicycle; Red/Black Paint; Metal	ND	Monitor Level	



Health, Safety, and Work-Life Service Center Safety & Environmental Health Division Appendix C- Sampling Results Summary



#### **Paint Chip Sample Results**

Evaluation Criteria					
Application	Classification	Criteria			
Coast Guard controllad	Action Level	Paint is $\geq 0.5\%$ by weight and in fair or poor condition			
housing and CDCs	Major Finding	Paint is $\geq 0.5\%$ by weight, in poor condition and in an area used by pregnant women and/or children under 7 years old.			

Sample #	S	Results (% Lead by Dry Weight)	SEH Manual Classification	
WC-B-12	(b)(6) & (b)(7)(C)	Garage, Drywall, Yellow Paint	0.68	Major Finding
WC-B-13		Garage, Door Frame, Green Paint	1.30	Major Finding
WC-B-14		Garage, Outer Wall, Wood Siding, White Paint	5.60	Major Finding
WC-B-01	(b)(6) & (b)(7)(C)	Basement - Gray Cabinet with Small Green Area; Gray Paint on Wood	16.00	Action Level
WC-B-03		Basement - Gray Cabinet with Small Free Area; Green Paint on Wood	17.00	Action Level
WC-B-02		Basement Floor - Cement Floor with Red Paint	0.076	No Action
WC-B-04		Basement - Deteriorating White Paint on Wall	0.023	No Action
WC-B-06	Fog Signal Building	Brick Wall, White Paint, Poor Condition	7.80	Action Level
WC-B-07		Floor, Concrete with Red Paint	6.50	Action Level
WC-B-09		Shelf, Black Paint on Wood	0.59	Action Level
WC-B-05		Drywall, Green Paint, Poor Condition	0.057	No Action
WC-B-08		Door Frame, Gray Paint on Wood	0.34	No Action
WC-B-10		Floor, Concrete with Gray Paint	0.34	No Action
WC-B-11		Drywall, Green Paint	0.13	No Action
WC-B-15	Paint & Oil Locker	Floor, Concrete, Red Paint	7.00	Action Level
WC-B-16		Outside Wood Trim, White and Red Paint	16.00	Action Level



Health, Safety, and Work-Life Service Center Safety & Environmental Health Division Appendix C- Sampling Results Summary



#### Soil Sample Results

Evaluation Criteria					
Application	Classification	Criteria (ppm)			
	Monitor Level	400 - 1200			
Para Desidential Soil ground Puilding Desimators & Vorda	Action Level	1200 - 5000			
Bare Residential Son around Bunding, Perimeters & Taids	Major Finding	> 5000			
	Monitor Level	100 - 200			
Play Area and High-Contact Areas for Children	Action Level	200 - 400			
	Major Finding	> 400			

\* ppm = parts per million; equivalent to milligrams of lead per kilogram of soil (mg/kg)

Sample #	Sample Description			SEH Manual Classification
SS-01		Entrance Door Side, Approx. 3 ft from Structure	7,400	<b>Major Finding</b>
SS-03		East Side, Next to Water Table Toy	4,400	<b>Major Finding</b>
SS-05	Lighthouse	Window Side (NW), Approx. 3 ft from Structure	3,300	<b>Major Finding</b>
SS-06	Lighthouse	Window Side (NW), Approx. 6 ft from Structure	2,600	<b>Major Finding</b>
SS-02		Entrance Door Side, Approx. 6 ft from Structure	2,200	<b>Major Finding</b>
SS-04		East Side, Approx. 6 ft from Structure	1,400	<b>Major Finding</b>
SS-08	(b)(6) & (b)(7)(C)	Street Facing Side	3,600	<b>Major Finding</b>
SS-07		Next to Basement Access	2,200	<b>Major Finding</b>
SS-09		Garage Facing Side	490	<b>Major Finding</b>
SS-12		Side Facing 921 Main Street	10,000	<b>Major Finding</b>
SS-10	(b)(6) & (b)(7)(C)	Kids' Garden Space	1,800	<b>Major Finding</b>
SS-13		Facing Water, Patio Furniture Location	1,700	<b>Major Finding</b>
SS-11		Street Facing Side	1,400	<b>Major Finding</b>
SS-14		Facing Homes, Approx. 3 ft from Structure	1,300	<b>Major Finding</b>
SS-15	Ess Cissel	Concrete Pad Side, In Line w/Picnic Table	2,300	<b>Major Finding</b>
SS-16	Fog Signal	Water Side, 10 ft from Bldg near fire pit	1,400	<b>Major Finding</b>
SS-17	Didg	Facing Asphalt Path	2,300	<b>Major Finding</b>
SS-28		Water Facing Side, Approx. 1 ft from Structure	87	N/A
SS-25		Walkway between 921 Main Street and Lighthouse	2,500	<b>Major Finding</b>
SS-18		Tree Swing North of Paint and Oil Locker	240	<b>Action Level</b>
SS-26	Orthorn	Tree Swing Near Lighthouse	190	Monitor Level
SS-30	Areas	Flower Beds Near Lighthouse	180	Monitor Level
SS-20	Aleas	Kids' Play Area, Tee-Pee, Near Paint and Oil Locker	110	Monitor Level
SS-27		Kids' Play Area, Northern Corner of Property	56	N/A
SS-29		Rope Swing Area	42	N/A
SS-19	Paint &	Side Facing House	91	N/A
SS-21	Oil Locker Water Facing Side		96	N/A
SS-23	Correct	North Side, Approx. 6 ft from Structure	720	<b>Major Finding</b>
SS-24	Garage	Side Facing 921 Main Street	410	Major Finding
SS-22		Background Sample C-4	ND	N/A



Appendix C- Sampling Results Summary



#### **Drinking Water Sample Results**

Evaluation Criteria				
ApplicationClassificationCriteria (ppb)				
<b>.</b>	Monitor Level	< 15		
Potable water at consumption points $(e \alpha, faucets)$	Action Level	15		
(e.g. fatteets)	Major Finding	> 20		

\* ppb = parts per billion; equivalent to micrograms of lead per liter of water ( $\mu$ g/L)

Sample #		Sample Description		SEH Manual Classification
<sup>(b)(6) &amp; (b)(7)(C)</sup> H20_001	(b)(6) & (b)(7)(C)	Kitchen Sink Faucet	ND	Monitor Level
_H20_002		2nd Floor Bathroom Sink Faucet	1.70	Monitor Level
_H20_001	(b)(6) & (b)(7)(C)	Kitchen Sink Faucet	ND	Monitor Level
_H20_002		2nd Floor Bathroom Sink Faucet	3.10	Monitor Level



WC - 01



WC - 02



WC - 05



WC - 03



WC - 06



WC - 04



WC - 07



WC - 08





WC - 10

#### II. Paint Chip Sampling Locations



WC-B-01



WC - B - 02



WC-B-03



WC - B - 04



WC - B - 05



WC - B - 06



WC - B - 07





WC-B-09



WC-B-10

Appendix D III. Soil Sampling Locations



Appendix D

### (b)(6) & (b)(7)(C)









Appendix D

SS-27


Appendix E

#### Hazardous Condition Management System Discrepancies (All)

	-	viser epanetes (IIII)	
Unit Name:	BASE CAPE COD (31-31125)		Visit Date: 8/16/2018
HCN ID: 1	Checklist #: LEAD-03	Third Party Monitored	RAC: 2
Reference: CO	OMDTINST M5100.47B, Chapter 27.4	A.2.c COMDTINST M5100.47B, Chapter 25.B.6 and B.7	,
Location: We	st Chop Housing		
Problem: If a Environmenta Awareness an	unit manages housing where lead is pro Il Risk Assessment (ERA) visual audits d Management TTP, CGTTP 4-11.6	esent, a Lead Hazard Management Plan should be in place are required. For additional information, please refer to t	e and annual he Lead Hazard
Recommenda	tion: (b	(b)(5) )(5)	
Status: Work	List Order / CSMP / SSMR	Date Completed:	
HCN ID: 2	Checklist #: LEAD-08	Unit Monitored	RAC: 2
Reference: CO	OMDTINST M5100.47B, Chapter 27.E	3.6.a COMDTINST M10360.3D, Chapter 3.B.1.a	
Location: We	st Chop Housing		
Problem: Wes Bulk sampling Assessment al considered a r minimize exp	st Chop Housing units and structures ha g of various deteriorated painted surfac lso identified lead contaminated soil; 2 najor finding per COMDTINST M510 osure.	ave paints, coating systems, and adhesives containing more es showed concentrations of lead ranging from 0.076% - 0 of the 30 soil samples demonstrated accumulation of lea 0.47B. Major findings warrant immediate action to correct	e than the lead. 17.0%. Health Risk id and are it the hazard and
Recommenda	tion:	(b)(5) (b)(5), (b)(6), & (b)(7)(C)	
For additional	information, please refer to the Lead H	lazard Awareness and Management TTP, CGTTP 4-11.6	
Status: Work	List Order / CSMP / SSMR	Date Completed:	
HCN ID: 3	Checklist #: LEAD-02	Third Party Monitored	RAC: 2
Reference: CO	OMDTINST M5100.47B Chapter 27 B	.6	
Location: We	st Chop Housing		
Problem: Wes at trace amount	st Chop Housing indoor wipe sample rents of lead and 27.5 % of the wipe sam	esults ranged from not detected to 52.5% of the wipe samples collected exceeded the reference standard of 40 $\mu$ g/ft	ples collected detected 2.
Recommenda	tion:	(b)(5) (b)(5)	

Status: Work List Order / CSMP / SSMR

Date Completed: \_

E-1

(b)(5)

#### Appendix F

#### Hazardous Condition Management System Discrepancies (All)

Unit Name:	BASE CAPE COD (31-31125)		Visit Date: 8/16/2013
HCN ID: 4	Checklist #: DW-05	Third Party Monitored	RAC: 3
Reference: CO	DMDTINST M5100.47B, Chapter 25.B.5.b.2	2 Title 40 CFR 141.72(a)(3)	
Location: Wes	st Chop Housing		
Problem: Rest both residence residual was n	ults of water sampling of the two West Chopes; however, the concentrations were below to adequate.	Housing units revealed the presence of lead is the action limit. Measurements revealed a neu	in the 2nd Floor bathroom of tral pH; however, halogen
Recommendat	tion:	(b)(5) (b)(5)	
See the Water	Supply and Wastewater Disposal TTP, CG	TTP 4-11.10, for additional guidance.	
Status: Work	List Order / CSMP / SSMR	Date Completed:	
HCN ID: 5	Checklist #: LEAD-01	Self Assessment	RAC: 3
Reference: CO	DMDTINST M5100.47B Chapter 27 B.1		
Location: Wes	st Chop Housing		
Problem: Unit (e.g., paint) an Awareness an	t does not have a comprehensive a Lead Con nd lead-generating process (e.g., weapons fir d Management TTP, CGTTP 4-11.6	trol Program that includes an inventory of all ing) at the unit. For additional information, ple	lead-containing materials ease refer to the Lead Hazard
Recommendat	tion:	(b)(5)	
Status: Work	List Order / CSMP / SSMR	Date Completed:	
HCN ID: 6	Checklist #: EE-03	Third Party Monitored	RAC: 2
Reference: 29	CFR 1910.303(b)(1) Thru (b)(1)(vii)		
Location: Fog	Signal Building		
Problem: Exp	osed electrical wiring identified at low levels	s (within reach of children) inside Fog Signal	Building.
Recommendat	tion:	(b)(5)	
		(b)(3)	
Status: Work	List Order / CSMP / SSMR	Date Completed:	
HCN ID: 7	Checklist #: ASB-02	Third Party Monitored	RAC: 3
Reference: CO	OMDTINST M5100.47B, Chapter 12.B.7		
Location: Fog	Signal Building		
Problem: Pres	umed asbestos containing material identified	l throughout Fog Signal Building in poor to fa	air condition.
Recommendat	tion:	(b)(5)	
	(b)(5)		
Status: Work	List Order / CSMP / SSMR	Date Completed:	

E-2



EMSL Analytical, Inc. 200 Route 130 North, Cinnaminson, NJ 08077 Phone/Fax: (856) 303-2500 / (856) 786-5974 http://www.EMSL.com cinnaminsonleadlab@emsl.com EMSL Order: 201809514 CustomerID: USCG30 CustomerPO: ProjectID:

# Attn: (b)(6) & (b)(7)(C) Phone: (b)(6) & (b)(7)(C) US Coast Guard Maintenance & Logistics Fax: (757) 628-4418 Command Atlantic Received: 08/24/18 10:30 AM 300 E. Main Street, Suite 1000 Collected: 8/22/2018 Norfolk, VA 23510-9104 VA VA

Project: West Chop Soil / Tisbury, MA (Vineyard Haven)

#### Test Report: Lead in Soils by Flame AAS (SW 846 3050B/7000B)\*

					Leda
Client Sample Description	m Lab ID	Collected	Analyzed	 Weight	Concentration
SS-1	201809514-0001	8/22/2018	8/31/2018	0.5089 g	7400 ppm
	Site: Lighthouse	Area			
SS-2	201809514-0002	8/22/2018	8/31/2018	0.5017 g	2200 ppm
	Site: Lighthouse	e Area			
SS-3	201809514-0003	8/22/2018	8/31/2018	0.5069 g	4400 ppm
	Site: Lighthouse	Area Near	Water Table Toy		
SS-4	201809514-0004	8/22/2018	8/31/2018	0.5061 g	1400 ppm
	Site: Lighthouse	Area			
SS-5	201809514-0005	8/22/2018	8/31/2018	0.5025 g	3300 ppm
	Site: Lighthouse	Area			
SS-6	201809514-0006	8/22/2018	8/31/2018	0.5037 g	2600 ppm
	Site: Lighthouse	Area			
SS-7	201809514-0007	8/22/2018	8/31/2018	0.5015 g	2200 ppm
	Site: 921 Main I	Exterior			
SS-8	201809514-0008	8/22/2018	8/31/2018	0.5042 g	3600 ppm
	Site: 921 Main I	Exterior			
SS-9	201809514-0009	8/22/2018	8/31/2018	0.5060 g	490 ppm
	Site: 921 Main I	Exterior			
SS-10	201809514-0010	8/22/2018	8/31/2018	0.5073 g	1800 ppm
	Site: 917 Main I	Exterior (Kids	s' Garden)		
SS-11	201809514-0011	8/22/2018	8/31/2018	0.5096 g	1400 ppm
	Site: 917 Main I	Exterior			
SS-12	201809514-0012	8/22/2018	8/31/2018	0.5035 g	10000 ppm
	Site: 917 Main I	Exterior			
SS-13	201809514-0013	8/22/2018	8/31/2018	0.5030 g	1700 ppm
	Site: 917 Main I	Exterior (Pati	o Furniture Area)		
SS-14	201809514-0014	8/22/2018	8/31/2018	0.5078 g	1300 ppm
	Site: Fog Sign E	Bildg			
SS-15	201809514-0015	8/22/2018	8/31/2018	0.5056 g	2300 ppm
	Site: Fog Sign E	Bldg (Near P	ink Table)		

#### (b)(6) & (b)(7)(C)

Phillip Worby, Lead Laboratory Manager or other approved signatory

\*Analysis following Lead in Soil/Solids by EMSL SOP/Determination of Environmental Lead by FLAA. Reporting limit is 40 mg/kg based on the minimum sample weight per our SOP. Unless noted, results in this report are not blank corrected. This report relates only to the samples reported above and may not be reproduced, except in full, without written approval by EMSL. EMSL bears no responsibility for sample collection activities. Samples received in good condition unless otherwise noted. Results reported based on dry weight. "<" (less than) result signifies that the analyte was not detected at or above the reporting limit. Measurement of uncertainty is available upon request. The QC data associated with the sample results included in this report meet the recovery and precision requirements unless specifically indicated otherwise. Definitions of modifications are available upon request.

Samples analyzed by EMSL Analytical, Inc. Cinnaminson, NJ NELAP Certifications: NJ 03036, NY 10872, PA 68-00367, AIHA-LAP, LLC ELLAP 100194, A2LA 2845.01



EMSL Analytical, Inc. 200 Route 130 North, Cinnaminson, NJ 08077 Phone/Fax: (856) 303-2500 / (856) 786-5974 http://www.EMSL.com cinnaminsonleadlab@emsl.com EMSL Order: CustomerID: CustomerPO: ProjectID:

201809514 USCG30

Phone: Fax: Received: Collected:

(757) 628-4418 08/24/18 10:30 AM 8/22/2018

(b)(6) & (b)(7)(C)

Attn: (b)(6) & (b)(7)(C)

US Coast Guard Maintenance & Logistics **Command Atlantic** 300 E. Main Street, Suite 1000 Norfolk, VA 23510-9104

Project: West Chop Soil / Tisbury, MA (Vineyard Haven)

#### Test Report: Lead in Soils by Flame AAS (SW 846 3050B/7000B)\*

					Le	eaa
<b>Client Sample Description</b>	a Lab ID	Collected	Analyzed	Weigh	t Conce	ntration
SS-16	201809514-0016	8/22/2018	8/31/2018	0.5036	g 1400	ppm
	Site: Fog Sign B	etween Bldg	& Fire Pit			
SS-17	201809514-0017	8/22/2018	8/31/2018	0.5032	g 2300	ppm
	Site: Fog Sign B	ldg				
SS-18	201809514-0018	8/22/2018	8/31/2018	0.5053	g 240	ppm
	Site: Tree Swing	B/T Fog Sig	gnal & Oil House			
SS-19	201809514-0019	8/22/2018	8/31/2018	0.5061	g 91	ppm
	Site: Oil Shed/H	ouse				
SS-20	201809514-0020	8/22/2018	8/31/2018	0.5038	g 110	ppm
	Site: Tee Pee Ne	ear Oil Hous	e			
SS-21	201809514-0021	8/22/2018	8/29/2018	0.5005	g 96	ppm
	Site: North of Oi	I House				
SS-22	201809514-0022	8/22/2018	8/29/2018	0.5020	g <40	ppm
	Site: Background	d				
SS-23	201809514-0023	8/22/2018	8/29/2018	0.5208	g 720	ppm
	Site: North of Ga	arage				
SS-24	201809514-0024	8/22/2018	8/29/2018	0.5035	g 410	ppm
	Site: Garage					
SS-25	201809514-0025	8/22/2018	8/29/2018	0.5149	g 2500	ppm
	Site: Between 92	21 Main & Li	ghthouse			
SS-26	201809514-0026	8/22/2018	8/29/2018	0.5156	g 190	ppm
	Site: Lighthouse	Tree Swing				
SS-27	201809514-0027	8/22/2018	8/29/2018	0.5099	g 56	ppm
	Site: Kids Play A	rea Near Tr	ees			
SS-28	201809514-0028	8/22/2018	8/29/2018	0.5031	g 87	ppm
	Site: Fog Signal,	, Front				
SS-29	201809514-0029	8/22/2018	8/29/2018	0.5010	g 42	ppm
	Site: Rope Swin	g, Northeast				
SS-30	201809514-0030	8/22/2018	8/29/2018	0.5100	g 180	ppm
	Site: Flower Bed					

#### (b)(6) & (b)(7)(C)

Phillip Worby, Lead Laboratory Manager or other approved signatory

\*Analysis following Lead in Soil/Solids by EMSL SOP/Determination of Environmental Lead by FLAA. Reporting limit is 40 mg/kg based on the minimum sample weight per our SOP. Unless noted, results in this report are not blank corrected. This report relates only to the samples reported above and may not be reproduced, except in full, without written approval by EMSL. EMSL bears no responsibility for sample collection activities. Samples received in good condition unless otherwise noted. Results reported based on dry weight. "<" (less than) result signifies that the analyte was not detected at or above the reporting limit. Measurement of uncertainty is available upon request. The QC data associated with the sample results included in this report meet the recovery and precision requirements unless specifically indicated otherwise. Definitions of modifications are available upon request.

Samples analyzed by EMSL Analytical, Inc. Cinnaminson, NJ NELAP Certifications: NJ 03036, NY 10872, PA 68-00367, AIHA-LAP, LLC ELLAP 100194, A2LA 2845.01

Initial report from 08/31/2018 13:18:57

APPENDIX B: Wes	t Chop Housing Lead Assessment Sampling Results					
	917	Main Street - Dust W	/ipe Results			
Sample #	Sample Description	Date Sample Collected	Time Sample Collected	Area Sampled	Results (µg/ft²)	Within Acceptable Range/Limit (Y/N)
917 Main W-01	2nd Floor, Upstairs Bathroom; Vinyl	22-Aug-18	1209	$1.0 \mathrm{ff}^2$	QN	Yes
917 Main W-02	2nd Floor, Girl's Bedroom Floor; Hardwood	22-Aug-18	1210	$1.0 \mathrm{ft}^2$	QN	Yes
917 Main W-03	2nd Floor, Boy's Bedroom Floor; Hardwood	22-Aug-18	1211	$1.0 \mathrm{ft}^2$	QN	Yes
917 Main W-04	2nd Floor, Master Bedroom Floor; Hardwood	22-Aug-18	1215	$1.0 \mathrm{ft}^2$	QN	Yes
917 Main W-05	1st Floor, Bottom of Stairs; Vinyl	22-Aug-18	1217	$1.0 \mathrm{ft}^2$	QN	Yes
917 Main W-06	1 st Floor, Living Room Floor, Vinyl	22-Aug-18	1219	$1.0 \text{ ft}^2$	QN	Yes
917 Main W-07	1st Floor, Kitchen Floor (By Front Door); Vinyl	22-Aug-18	1221	$1.0 \mathrm{ft}^2$	QN	Yes
917 Main W-08	1st Floor, Den Floor (Off of Kitchen); Hardwood	22-Aug-18	1225	$1.0 \mathrm{ft}^2$	QN	Yes
917 Main W-09	1st Floor, Bathroom Floor, Vinyl	22-Aug-18	1228	$1.0 \mathrm{ft}^2$	QN	Yes
917 Main W-10	Basement Floor, Concrete	22-Aug-18	1230	$1.0 \text{ ft}^2$	2200	NO
Note: ND = Indicates that t Reporting Limit = 10 Samples analyzed by	the analyte was not detected at the reporting limit. ).0 μg/wipe; μg/wipe =μg/ft² x area sampled in ft². EMSL Analytical, Inc. Cinnaminson, NJ. NELAP Certi	ifications: NJ 03036, NY 1087	2, PA 68-00367, AIH	A-LAP, LLC ELLAP 100	194, A2LA 2845	10
Evaluation Criteria * Water: EPA action * Evaluation of Surfa + Hygienic Are feast (110/0 <sup>2</sup> )	: level for lead is 15 parts-per-billion (ppb) or microgram tee Cleanliness ("Level of Acceptable Decontamination" as (i.e. change areas, classrooms, offices, berthing space	s per liter (µg/L). ): s, messing facilities, and lunc	hrooms/cating areas): .	40 micrograms per square	0	
Non-Hygieni     Lead in Soil-	c Areas (i.e. ship bilges; firing ranges, armory, and engir	ne rooms): 200 micrograms pe	$r$ square feet ( $\mu g/ft^2)$			
<ul> <li>Bare Residen</li> <li>Play Area and</li> </ul>	tial Soil around Building and Perimeters and Yards: 120 d High-Contact Areas for Children: 200 - 400ppm (Actio	00 - 5000 ppm (Action Level) on Level) and >400 ppm (Maj	and >5000 ppm (Majo or Finding Level)	r Finding Level)		
* Lead in Paint:		an shile da na si kujan ƙast a				
systems, adh systems, adh • Interior or ex • OSHA consic OSHA does n	as make every curve to only use than 0.009% lead by dry weig terior paint with lead content greater than or equal to 0.5 flers any paint containing detectable lead as lead paint for ot define lead paint based on content. Therefore, a detect	ar read point is an absolute ind ght. % by dry weight and in fair of % purposes of complying with ctable concentration of lead in	r poor condition requir OSHA regulations to ( paint indicates that th	es corrective actions, coating tecrmine worker exposur e material is a potential	م ون	
• CG personnel	l exposure when disturbed/damaged and any work must l are only authorized to engage in minor repair and main	comply with personal protecti itenance activities on CG Shor	on and work practice i e Units with lead-cont	equirements. aining paint.		
Sample Collected B	y;(b)(6) & (b)(7)(C) (b)(6) & (b)(7)(C), and (b)(	(6) & (b)(7)(C)				
Sampling Products HACH Chlorine, Fre DPD Free Chlorine F Phenol Red Indicator Ghost Whipes: Meets	Used: e + Total & pH Test Kir: Model CN-67, CAT #14111-00 teagent Powder Pillows: CAT # 1407799, LOT A5156, F : Solution: CAT #21132. LOT A5152, EXP. May 2020 ; ASTM 1792, EXP. March 2020	0 EXP. May 2020				

West Choop Hou 2nd Floo 2nd Floor, 2nd Floor, 2nd Floor, 2nd Floor, 2nd Floor, 2nd Floor, 2nd Floor, 1st Floor	West Chop Houzing Lead Assessment Sampling Results	921 Main Street - Dust Wipe Results	Sample Description         Date Sample Collected         Time Sample Collected         Area Sampled         Results         Within Acceptable           Results         Marge Mainet (Mr)         Area Sampled         Area Sampled         (ag'ft')         Range/Limit (Y/N)	2nd Floor, Upstair: Bathroom Floor, Tile         22-Aug-18         1054         1.0 ft <sup>2</sup> 14         Yes	Zhad Floor, Bedroom with Cnb - Bottom of Two Cheer Wood         22-Aug-18         1100         10 ft         66         NO	2nd Floor, Bedrow with Chib Floor. Behind         2nd Floor. Behind         ND           DoorTin Cormer (common Sweep Away         22-Aug-18         1105         ND         Yes	2nd Floar, Fuerce Section of 22-Aug-18 1109 1.0 fr	Zud Floor, Bunk Bed Room Floor         Under the         22-Aug-18         1110         Yes	Data Floor, Built Bed Room Floor - Behind         1.0 II         1.0 II         Yes           Door/In Corner (Common Sweep Away         22-Aug-18         1111         1 0.02         111         Yes	2hd Floor:         Attention         <	2nd Floor, Upstairs Hall Closef T op of Stairs 22-Aug-18 1120 1.0.2. ND Yes	Marcon Statierse (Midway); Wood 22-Aug-18 1122 1.0 ft 23 Yes	1st Floor, Bottom of Stairesse Floor, 22-Auge-18 1124 , 11 Yes	14 Flow Landeum 1.0 1.0 1.0 Yet 1.0 Ye	Ist Floor, Bathroom Floor, Tile Vinyl 22-Aug-18 1130 1.0 ft <sup>2</sup> ND Yes	1st Floor, Living Room Couch, Middle Seat, 22-Aug-18 1133 10ft <sup>2</sup> 17 Yes	1st Floor, Living Room Coffie Table, Wood 22-Aug-18 1134 10.6 <sup>2</sup> ND Yes	1st Floor, Living Room, Floor, Hardwood 22-Aug-18 1135 1.0 ft 11 Yes	Ist Floor, Duning Table - Baby High Chair         22-Aug-18         1141         Yes           True Direction of Education         22-Aug-18         1141         Yes	1st Floor Xitchen Floor The Viruh 22-Ame-18 1143 1.0 ft 13 Yee	1st Floor, Mud Room/Entry Way, Vinol 22-Aug-18 1146 1.0 ft 13 Yes	1st Floor, Laundry Room, Vinyl 22-Aug-18 1148 1.0 ft <sup>2</sup> 13 Yee	Basement Floor, Concrete 22-Aug-18 1153 1.0 ft <sup>2</sup> 2000 NO	at the analyte was not detected at the reporting limit. = 10.0 ng/wrpc, ng/wrpc = 10/15 areas analyted in ff- thy EMSL Analytical, Inc. Cimaanineon, NI. NELAP Certifications NU 03036, NY 10872, PA 68-00367, AIHA-LAP, LLC ELLAP 100194, A2LA 2845.01	ria: ion level for lead is 15 parts-per-billion (ppb) or micrograms per liter (ug/L). urface (Graninens ("Leven blok Decontramination") Atens (i.e. change areas, classrooms, offices, berthing spaces, messing facilities, and lunchrooms/eating areas) 40 micrograms per square P)	senc Areas (i.e. ship bilges; firing ranges, armory, and engine rooms) 200 micrograms per square feet ( $\mu g/\hat{\mathbf{h}}^2$ )	dential Soul around Building and Perimeters and Yards 1200-5000 ppm (Action Level) and >5000 ppm (Afajor Finding Level) and High-Contact Areas for Children 200 - 400ppm (Action Level) and >400 ppm (Afajor Finding Level)	must make every effort to only use non-lead paint. When non-lead paint is an absolute non-feasible option, units must use paints, coatings	exterior paint with lead content great by dry wregitt. exterior paint with lead content greater than or equal to 0.5% by dry weight and in fair or poor condition nequires corrective actions. traiders any paint containing detectable lead as lead paint for purpose of complying with OSHA regulations to determine worker exposure. es not define lead paint based on content. Therefore, a detectable concentration of lead in paint indicates that the material is a potential add exporter when distributed dramged and any work mark comply with personal protection and work here material meal are only anthorized to energes in minior reasir and maintenance afforce Units with lead-containing south	d By <sub>2</sub> (b)(6) & (b)(7)(C) <mark>(b)(6) &amp; (b)(7)(C) and</mark> (b)(6) & (b)(7)(C)	tt Uised: Free + Total & pH Test Kir Model CX+67, CAT #14111-00 ie Raggent Powder Pillows: CAT #1407799, LOT A5156, EXP. May 2020
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APPENDIX B: Wes	tt Chop Housing Lead Assessment Sampling	Results				
	West Chop (Oth	er Structures Besi	ides Homes) - Dust	Wipe Results		
Sample #	Sample Description	Date Sample Collected	Time Sample Collected	Area Sampled	Results (µg/ft²)	Within Acceptable Range/Limit (Y/N)
WC-01	Fog Signal Building, Concrete Floor by Water Facing Door, Red Paint	22-Aug-18	1319	10 ft <sup>2</sup>	570	NO
WC-02	Fog Signal Building, Concrete Floor by Street Facing Door; Gray Paint	22-Aug-18	1320	10 A <sup>2</sup>	460	NO
WC-03	Fog Signal Building, Concrete Floor of Side Room; Red & Gray Paint	22-Aug-18	1322	10 ft <sup>2</sup>	550	NO
WC-04	Fog Signal Building, Quad Bike Seat, Black Leather	22-Aug-18	1354	10 Å <sup>2</sup>	94	NO
WC-05	Fog Signal Building, Canoe; Plastic	22-Aug-18	1355	10ft <sup>2</sup>	100	NO
WC-06	Love Seat Swing in Yard; Wood	22-Aug-18	1402	$10 {\rm ft}^2$	QN	Yes
WC-07	Kid's Water Table Toy, Plastic	22-Aug-18	1403	$10 {\rm ft}^2$	110	NO
WC-08	Grill in Yard; Black Metal	22-Aug-18	1408	10ft <sup>2</sup>	22	Yes
WC-09	Kid's Red and Black Bicycle Outside House; Red & Black Paint on Metal	22-Aug-18	1409	10 A <sup>2</sup>	QN	Yes
WC-10	Garage. Concrete Floor. Blue Paint	22-Aug-18	1412	10 ft <sup>2</sup>	98	NO; Classified as Hygenic Area due to High-Children Activity
ND = Indicates that t Reporting Limit = 10 Samples analyzed by Samples analyzed by Evaluation Criteria • Water: EPA action • Evaluation of Surfa • Hygienic Are feet (ug/t <sup>3</sup> ) • Non-Hygienic * Lead in Soil: • Play Area and • Play Area and	he analyte was not detected at the reporting lim 10 jug/wipe; µg/wipe =µg/ft <sup>2</sup> x area sampled in: EMSL Analytical, Inc Cimaminson, NJ NEL : Evel for lead is 15 parts-pet-billion (ppb) or mi level for lead is 15 parts-pet-billion (ppb) or mi ce Cleanliness ("Level of Acceptable Decontan as (i e change areas, classrooms, offices, berthi as (i e ship bilges; firing ranges, armory, i tial Soil around Building and Perimeters and Yi 1 High-Contact Areas for Children: 200 - 400pp	it ft <sup>2</sup> AP Certifications: NJ 036 icrograms per liter (µg/L) mination"): ing spaces, messing facili ing spaces, messing facili and engine rooms): 200 n and engine rooms): 200 n ards: 1200 - 5000 ppm (A vm (Action Level) and >4	136, NY 10872, PA 68-003 ties, and hurchrooms/eating nicrograms per square feet Action Level) and >5000 pr 00 ppm (Major Finding Le	67, AIHA-LAP, LLC EI 5 areas): 40 micrograms (µg/ft <sup>3</sup> ) m (Major Finding Level	LAP 100194, A	2LA 2845 01
<ul> <li>CG units mure systems, adh systems, adh</li> <li>Interior or ex</li> <li>OSHA considered to the systematic of leader of leader context.</li> <li>CG personne;</li> </ul>	st make every effort to only use non-lead paint esives etc containing less than 0 00% lead by terior paint with lead content greater than or eqi fers any paint containing detectable lead as lead of define lead paint based on content Therefor I exposure when disturbed/damaged and any wi l are only authorized to engage in minor repair a	When non-lead paint is a dry weight ual to 0 5% by dry weight I paint for purposes of con e, a detectable concentrati ork must comply with per and maintenance activities	n absolute non-feasible opt t and in fair or poor conditi nplying with OSHA regula ion of lead in paint indicate isonal protection and work s on CG Shore Units with 1	ion, units must use paint on requires corrective ac tions to determine works s that the material is a p practice requirements ead-containing paint	s, coatings tions er exposure otential	
Sample Collected B	<mark>, (</mark> b)(6) & (b)(7)(C) <mark>1</mark> (b)(6) & (b)(7)(C)	.and(b)(6) & (b)(7)(C)				
Sampling Products HACH Chlorine, Fre DPD Free Chlorine F Phenol Red Indicator Ghost Whipes: Meets	Used: e + Total & pH Test Kit: Model CN-67, CAT # e agent Powder Pillows: CAT # 1407799, LOT Solution: CAT #21132 LOT A5152, EXP Ma s ASTM 1792, EXP March 2020	14111-00 A5156, EXP May 2020 1y 2020				

APPENDIX B: Wes	rt Chop Housing Lead Assessment Sampling R.	esults				
		West Chop Pain	ıt Chip Analysis -	Sample Results		
Sample #	Sample Description	Date Sample Collected	Time Sample Collected	Results (% Lead by Dry Weight)	Is this Lead Containing Paint (LCP) Y/N	SEH Manual Classification
WC-B-01	917 Main Street, Basement - Gray Cabinet with Small Green Area; Gray Paint on Wood	22-Aug-18	1235	16.000	YES	ACTION LEVEL
WC-B-02	917 Main Street, Basement Floor - Cement Floor with Red Paint	22-Aug-18	1237	0.076	YES	N/A; LESS THAN 0.5% LEAD BY WEIGHT
WC-B-03	917 Main Street, Basement - Gray Cabinet with Small Freen Area; Green Paint on Wood	22-Aug-18	1240	17.000	YES	ACTION LEVEL
WC-B-04	917 Main Street, Basement - Deteriorating White Paint on Wall	22-Aug-18	1241	0.023	YES	N/A; LESS THAN 0.5% LEAD BY WEIGHT
WC-B-05	Fog Signal Building, Drywall, Green Paint, Poor Condition	22-Aug-18	1329	0.057	YES	N/A; LESS THAN 0.5% LEAD BY WEIGHT
WC-B-06	Fog Signal Building, Brick Wall, White Paint Poor Condition	22-Aug-18	1330	7.800	YES	ACTION LEVEL
WC-B-07	Fog Signal Building, Floor, Concrete with Red Paint	22-Aug-18	1332	6.500	YES	ACTION LEVEL
WC-B-08	Fog Signal Building, Door Frame, Gray Paint on Wood	22-Aug-18	1334	0.340	YES	N/A; LESS THAN 0.5% LEAD BY WEIGHT
WC-B-09	Fog Signal Building, Shelf, Black Paint on Wood	22-Aug-18	1341	0.590	YES	ACTION LEVEL
WC-B-10	Fog Signal Building, Floor, Concrete with Gray Paint	22-Aug-18	1342	0.340	YES	N/A; LESS THAN 0.5% LEAD BY WEIGHT
WC-B-11	Fog Signal Building, Drywall, Green Paint	22-Aug-18	1349	0.130	YES	N/A; LESS THAN 0.5% LEAD BY WEIGHT
WC-B-12	921 Main Street, Garage, Drywall, Yellow Paint	22-Aug-18	1414	0.680	YES	MAJOR FINDING
WC-B-13	921 Main Street, Garage, Door Frame, Green Paint	22-Aug-18	1416	1.300	YES	MAJOR FINDING
WC-B-14	921 Main Street, Garage, Outter Wall, Wood Siding White Paint	22-Aug-18	1418	5.600	YES	MAJOR FINDING
WC-B-15	Paint and Oil Locker, Floor, Concrete, Red Paint	22-Aug-18	1436	7.000	YES	ACTION LEVEL
WC-B-16	Paint and Oil Locker, Outside Wood Trim, White and Red Paint	22-Aug-18	1438	16.000	YES	ACTION LEVEL
Note: All paint chips collec ND = Indicates that t Reporting Limit = 0.0 Samples analyzed by	ted were in poor condition. the analyte was not detected at the reporting limit 008% Latad by Dry Weight EMSL Analytical, Inc. Canananiscon, NJ. NEL A	t. LP Certifications NJ 03	036, NY 10872, PA 68-0	0367, AIHA-LAP, LLC ELLAP 1	(00194, AZLA 2845.01	
Evaluation Criteria * Water EPA action	: level for lead is 15 parts-per-billion (ppb) or mic	rograms per liter (µg/L)				
<ul> <li>Evaluation of Surfa</li> <li>Hygienic Are feat (us/fh<sup>2</sup>)</li> </ul>	ace Cleanliness ("Level of Acceptable Decontami as (i.e. change areas, classrooms, offices, berthin	nation") ig spaces, messing facili	ities, and hunchrooms/eat	ing areas) 40 micrograms per squ	але	
Non-Hygieni	ic Areas (i.e. ship bilges; firing ranges, armory, a	nd engine rooms) 200 1	micrograms per square fe	et (μg/ft²)		
<ul> <li>Lead in Soil</li> <li>Bare Residen</li> <li>Plav Area and</li> </ul>	ttial Soil around Building and Perimeters and Ya d Hizh-Contact Areas for Children 200 - 400000	rds 1200 - 5000 ppm (/ m (Action Level) and >/	Action Level) and >5000 400 rom (Maior Finding	ppm (Major Finding Level) Level)		
<ul> <li>Lead in Paint</li> <li>CG units mus</li> </ul>	st make every effort to only use non-lead paint. W	Vhen non-lead paint is a	in absolute non-feasible o	ption, units must use paints, coati	51 11	
systems, adh • Interior or ex	tesives etc. containing less than 0.009% lead by d terior paint with lead content greater than or equ	lry weight. tal to 0.5% by dry weigh	it and in fair or poor cone	lition requires corrective actions.		
<ul> <li>OSHA consit OSHA does n source of lead</li> </ul>	ders any paint containing detectable lead as lead, not define lead paint based on content. Therefore, i exposure when disturbed/damaged and any wor	paint for purposes of con a detectable concentrat is must comply with per	mplying with OSHA reguing the order of lead in paint indic sonal protection and wor	lations to determine worker expo- stes that the material is a potentia k practice requirements.	sure. 1	
Sample Collected B	<u>y-(b)(6) &amp; (b)(7)(C) (b)(6) &amp; (b)(7)(C) - (b)(7) (C) - (b)(7)(C) </u>	(b)(6) & (b)(7)(C)		יותה אמתור		
Sampling Products HACH Chlorine, Fre DPD Free Chlorine F Phenol Red Indicator Ghost Whipes Meets	Used: e + Tonal & pH Test Kit Model CN-67, CAT #1 Eagent Power Pillows CLT # 140799, LOT 4 (Solution CAT # 21132, LOT # 5152, EXP May i ASTM 1792, EXP. March 2020	4111-00 15156, EXP. May 2020 72020				

APPENDIX B: Wes	t Chop Housing Lead Assessment Sampling	Results					
	M	Vest Chop Housing	- Water Assess	nent Results			
Sample #	Sample Description	Date Sample Collected	Time Sample Collected	Results (µg/L)	Hq	Disinfectant Residual, Free Chlorine (ppm)	Disinfectant Residual, Total Chlorine (ppm)
921Main H20 001	921 Main Street, Kitchen Sink Faucet	22-Aug-18	10:24 AM	Ð	7.5	No Trace	No Trace
921Main H20 002	921 Main Street, 2nd Floor Bathroom Sink Fi	a 22-Aug-18	10:36 AM	1.70	7.8	No Trace	No Trace
917Main H20 001	917 Main Street, Kitchen Sink Faucet	22-Aug-18	12:05 PM	Q	7.2	No Trace	No Trace
917Main H20 002	917 Main Street, 2nd Floor Bathroom Sink Fi	a 22-Aug-18	12:14 PM	3.10	7.3	No Trace	No Trace
Note: ND = Indicates that the ND = Indicates that the Reporting Limit = 1.0 Samples analyzed by	he analyte was not detected at the reporting lin ) μg/L (1.0 ppb) EMSL Analytical, Inc. Cinnaminson, NJ. NEI	uit. .AP Certifications: NJ 0303	86, NY 10872, PA 68-	00367, AIHA-LAP,	, LLC ELLAP	100194, A2LA 2845.01	
<b>Evaluation Criteria</b>							
* Water: EPA action * Evaluation of Surfa	level for lead is 15 parts-per-billion (ppb) or n ce Cleanliness ("Level of Accentable Deconta	ucrograms per liter (μg/L). mination"):					
<ul> <li>Hygienic Are</li> </ul>	as (i.e. change areas, classrooms, offices, berth	ung spaces, messing facility	ies, and lunchrooms/ea	ting areas): 40 micr	ograms per sq	uare	
feet (µg/ft <sup>2</sup> )	)	)		)			
<ul> <li>Non-Hygienic</li> <li>* Lead in Soil:</li> </ul>	c Areas (i.e. ship bilges; firing ranges, armory,	and engine rooms). 200 mi	crograms per square fe	eet (μg/ff²)			
<ul> <li>Bare Resident</li> </ul>	tial Soil around Building and Perimeters and Y	ards: 1200 - 5000 ppm (Ac	tion Level) and >5000	ppm (Major Findir	ig Level)		
Play Area and     * Lead in Paint:	d High-Contact Areas for Children: 200 - 400p	pm (Action Level) and >40	0 ppm (Major Finding	[Level]			
CG units mus	it make every effort to only use non-lead paint.	When non-lead paint is an	absolute non-feasible	option, units must u	se paints, coat	ings	
• Interior or ext	esives etc. containing less than 0.009% lead by erior paint with lead content greater than or eq	dry weight. Jual to 0.5% by dry weight :	and in fair or poor con	dition requires corre	ective actions.		
<ul> <li>OSHA consid</li> </ul>	lers any paint containing detectable lead as lead	d paint for purposes of com	plying with OSHA reg	ulations to determin	ne worker expo	osure.	
OSHA does n	ot define lead paint based on content. Therefor	e, a detectable concentratio	n of lead in paint indic	ates that the materi	al is a potentia	1	
source of lead	l exposure when disturbed/damaged and any w	ork must comply with perso	anal protection and wo	rk practice requiren	nents.		
• Co personne	t are only aumonzed to engage in minor repair	and maintenance acuvities	on co snore units wi	u lead-containing p	amr.		
Sample Collected B	y.(b)(6) & (b)(7)(C) <mark>1</mark> (b)(6) & (b)(7)(C)	, <sub>and</sub> (b)(6) & (b)(7)(C)					
Sampling Products HACH Chlorine, Free DPD Free Chlorine R Phenol Red Indicator Choct Whines: Meets	Used: e + Total & pH Test Kit: Model CN-67, CAT <sup>#</sup> teagent Powder Pillows: CAT # 1407799, LOT Solution: CAT #21132. LOT A5152, EXP. M ASTM 1797. EXP. March 2020	⊭14111-00 r A5156, EXP. May 2020 ay 2020					
onos withos. more	0707 IN INT - 1171 (77/) 1 INT CLY						

# Exhibit (79)

# Exhibit (80)

# Exhibit (81)

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