



**Naval Facilities Engineering Systems Command Southwest
Base Realignment and Closure (BRAC)
Program Management Office (PMO) West
San Diego, California**

**FINAL
Restoration Advisory Board
Meeting Minutes, Meeting Number 203**

Former Naval Station Treasure Island
San Francisco, California

December 8, 2020

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December 8, 2020

DCN: TRBW-0202-4856-0029

Prepared for:



**Department of the Navy
Naval Facilities Engineering Systems Command Southwest
BRAC PMO West
33000 Nixie Way, Building 50
San Diego, California 92147**

Prepared by:



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**FINAL
MEETING MINUTES
RESTORATION ADVISORY BOARD
FORMER NAVAL STATION TREASURE ISLAND
08 DECEMBER 2020
Meeting Number 203
Virtual Meeting Number 2**

Community Restoration Advisory Board (RAB) Members in attendance:

Nathan Brennan, John Gee, Alice Pilram, Dale Smith

Department of the Navy (Navy) and Regulatory Agency RAB Members in attendance:

Tahirih Linz, Navy Base Realignment and Closure (BRAC) Environmental Coordinator
Celina Hernandez, San Francisco Bay Regional Water Quality Control Board (Water Board)

Peyton Ward, Department of Toxic Substances Control (DTSC)

Other Navy, Regulatory Staff, and Consultant Representatives in attendance:

Dave Clark, Navy Lead Remedial Project Manager

Sarah Ann Moore, Navy

Dennis Parker, Navy

Marsha Maloof, Maloof & Associates

Geoff Mordock, Fleishman Hillard

Rick Wice, Battelle

Beth Kercher, Trevet-Bay West Joint Venture (Trevet-Bay West)

Megan Kranz, Trevet-Bay West

Maddison Laeber, Trevet-Bay West

Public Guests in Attendance:

Bob Beck, Treasure Island Development Authority (TIDA)

Carol Harvey, journalist

Welcome Remarks and Agenda Review

Marsha Maloof (facilitator) opened the December 2020 RAB meeting for Former Naval Station Treasure Island (NAVSTA TI), held virtually because of COVID-19 restrictions. Ms. Maloof informed attendees that the audio of the meeting will be recorded and requested that attendees mute their audio to avoid any unnecessary noise. She said that those calling in by phone will only have their phone number displayed and asked that they state their name before speaking. Ms. Maloof initiated a round of introductions and reviewed the agenda ([Attachment A](#)).

New Business—Navy Presentation: 2020 Look Back/2021 Look Ahead

Dave Clark (Navy) began the presentation by announcing that the name of the Naval Facilities Engineering Command has been revised to Naval Facilities Engineering Systems Command to better align with the other commands.

Mr. Clark began the 2020 Look Back by explaining the difference between final documents and draft documents ([Attachment B](#)). He said that final documents memorialize milestones in the Comprehensive Environmental Response, Compensation, and Liability Act (CERCLA) process. Typically, a document must be finalized before moving onto the next phase of work. There are some exceptions to this, such as removal actions, which are interim actions that can be completed before the final action is selected in a record of decision (ROD). This had been done frequently at Site 12 to accelerate the cleanup process. He explained the review process that each document must go through prior to being finalized.

Every year, a majority of the documents produced relate to Site 12 because it is one of the major focuses of the environmental program at NAVSTA TI. In 2020, four documents were finalized for Site 12 despite most people not being able to visit the site due to COVID-19 restrictions. There are staff within the caretaker site office (CSO) working remotely on NAVSTA TI which have supported fieldwork oversight during the last year. The construction office also provides health and safety oversight and regulatory agencies have been able to visit because they are local.

Projects in 2020 continued because most of them involved documents rather than fieldwork. He said he believes that 2021 environmental program work will also be able to progress without delay.

Mr. Clark explained that there are two types of interim removal actions: non-time critical removal actions (NCRAs) and time-critical removal actions (TCRAs). Both are interim removal actions because they are conducted before the ROD, which memorializes the final cleanup decision for a site. The difference between the NCRAs and TCRAs is that TCRAs tend to move faster because less paperwork is required to initiate these actions, although there are certain criteria that must be fulfilled for TCRAs to be selected over NCRAs.

At Site 12, NCRAs and TCRAs occurred simultaneously. The solid waste disposal areas (SWDAs) were the subject of a NCRA, and the non-radiological excavations within Site 12 were addressed with a TCRA. After removal actions are complete, post-construction summary reports (PCSRs) were produced in 2020.

The Navy also documented work finished in the open spaces and vacant buildings. This included additional radiological surveys to build a data set for radiological conditions at Site 12. The Navy's goal is to reach 100 percent scanning of open spaces and buildings.

Other documents include the second five-year review report and a groundwater monitoring report summarizing monitoring activities for various NAVSTA TI sites. The groundwater monitoring reports are behind schedule in 2020 due to emphasis placed on

the five-year review. The 2018 groundwater and soil gas monitoring report was finalized in 2020 and the Navy plans to finalize the 2019 and 2020 reports in 2021. A corrective alternatives evaluation for Yerba Buena Island (YBI) pipeline site (YF3), which is similar to a CERCLA feasibility study, was also completed. This evaluation looks at alternatives for cleaning up the remaining total petroleum hydrocarbons (TPH) at the site. The Navy's next step is to write a corrective action plan for YF3.

Mr. Clark reviewed the status of the five-year review protectiveness determinations for sites 21, 27, 30, 24, 6, and 12, where RODs have been written but clean closure criteria have not been met. There may be long-term monitoring or land-use controls in place for these sites. Sites 21, 27, and 30 were deemed protective of human health and the environment. Site 24 was determined to be protective in the short-term so monitoring and evaluations will continue at the site. A protectiveness determination for Site 6 was deferred because remedial goals need to be reviewed in light of newly published criteria. The risk from the emerging contaminant per- and polyfluoroalkyl substances (PFAS) is also being discussed. The protectiveness determination for Site 12 was deferred as well because some exposure scenarios have to be re-evaluated. Radiological sites within Site 12 were not included in this five-year review because a radiological ROD has not been prepared yet.

The five-year review fact sheet was distributed in November 2020. It summarizes the environmental program and the six sites that fall under the five-year review process on NAVSTA TI. Monitoring has begun to support the next five-year review in 2025.

Most fieldwork in 2020 took place at Site 12 in non-SWDAs, meaning it was remedial actions in open spaces. This relates to the ROD signed in 2017 that addresses the removal of non-radiological contaminants.

Mr. Clark reviewed the photos shown on slide 7. The images show excavation and backfill activities at Halyburton Court.

Mr. Clark discussed the creosote wood area at the Northpoint Drive SWDA. During a previous excavation, a sidewall exposed what appeared to be burnt wood. Further investigation through excavation of approximately 4,000 cubic yards of soil identified only five or six radiological objects and little charred wood.

Mr. Clark discussed the removal of two underground storage tanks (USTs) found in 2019 to be leaking an oily substance that are associated with an auto repair shop located in the field between two sections of 1400 series housing. All associated piping was removed as they were no longer connected to any buildings. Stained soil was excavated, confirmation samples were collected, and the area was backfilled.

In 2021, there are five work plans scheduled to be finalized. The first work plan is for the Building 570 Final Status Survey (FSS). The Navy formerly stored radiological objects in a secured facility at the location and will return to the site in 2021 to confirm that there is no contamination. Preliminary scans have already been completed and the FSS scan will allow the site to be cleared and no longer radiologically impacted.

The emerging contaminant PFAS was detected in groundwater at Site 6, the former firefighter training area where firefighting foam was used. PFAS is a concern for human

health in drinking water and an ecological risk in surface water. The drinking water pathway is not an issue at NAVSTA TI because drinking water is supplied offsite from the Hetch Hetchy Reservoir and is tested by the San Francisco Public Utilities Commission. As PFAS is known to be present in groundwater at Site 6, a remedial investigation (RI) work plan is being developed to conduct sampling to determine the nature and extent of PFAS in soil, groundwater, and other media, including offshore at Site 6. This will allow the Navy to look at groundwater, soil, offshore sediment, and porewater and evaluate potential risks to human health and the environment.

A work plan is also being prepared based on recommendations from previous radiological reports and investigations for the Navy to return to some discreet radiological areas of interest within Site 12. This is expected to be a short duration project.

Preparation of a FSS work plan for the radiological survey of the northeast Navy-retained corner and Site 32 is scheduled. Site 32 was previously used as a lay-down area for soil removed from Site 12. The northeast Navy-retained corner has been used for storage. The radiological survey will allow for the area to be cleared and to confirm that there is no contamination.

At the end of 2021, the YF3 petroleum corrective action plan is expected to be finalized.

Mr. Clark discussed the upcoming fieldwork in 2021. The Building 570 FSS work plan is tied to radiological scans. The Site 6 PFAS RI fieldwork is anticipated to take place in the spring of 2021. The fieldwork for the Site 32 FSS will occur in September 2021. Soil and groundwater monitoring will take place quarterly at most of the sites and annually at some.

At Site 12, non-radiological excavations in open spaces have been completed. The Navy will return to SWDA Westside in 2021 for Phase IV of the NTCRA. This will complete the remaining work from Phase III of the project by removing stockpiles and debris that was left over. They will also finish backfilling the excavations and do a radiological survey of all of Westside Drive. Once this is complete, there will be 100 percent coverage of radiological scans of Site 12 accessible open spaces and buildings. The details will be in the SWDA NTCRA Phase IV work plan, which will be finalized in 2021.

Mr. Clark discussed the reports due in 2021. The Navy received comments on the basewide preliminary assessment (PA) for PFAS from the regulatory agencies. The document is expected to be finalized in January 2021. This will allow for further evaluation based on recommendations from the document. The 2019 groundwater and soil gas monitoring report is expected to be finalized soon. The report on the final UST closure request for USTs 248 (a), (b), (c), and (d) within Site 6 is scheduled for completion in 2021 as well.

The Site 12 radiological risk assessment data gaps report will also be completed. This is the document that evaluates all of the radiological data collected over the years and determines whether a risk assessment for Site 12 using all of this data can be completed. This document will preview whether there is enough data to move forward with the official risk assessments for the final remedies.

A non-radiological/non-SWDA remedial action completion report will summarize all non-radiological excavations in open spaces in neighborhoods over the past few years. Conclusions can then be made about whether the remedial action objectives laid forth in the ROD have been met.

The Site 12 conceptual site model research report is another milestone in the radiological evaluation of Site 12. Several small radiological objects have been removed from open spaces within Site 12. The conceptual site model is designed to explain how the objects got there. It is believed during site grading, there could have been incidental moving of the objects before the buildings were constructed.

The FSS report for Building 570 is also planned for completion in 2021. There is expected to be no residual contamination at the location.

The Navy plans to complete the work plan, fieldwork, and documentation for Site 12 radiological areas of interest, which are mainly small, localized excavations. There will be information gathered to document the findings and a report prepared for review and finalization before the end of calendar year 2021.

Over the last three decades through fiscal year (FY) 2020, nearly \$300 million has been spent at NAVSTA TI. The \$300 million mark will be surpassed by September 2021, when the FY ends. This significant investment is reflected in how many sites have been closed and the development that has been able to take place. Approximately \$5 million is expected to be spent in FY 2021. This is less than previous years because there is money in current contracts already and money that is in the queue to be spent. The \$5 million will be used to fund a few additional projects at NAVSTA TI.

The current cost-to-complete is \$18 million and includes the closure of all sites but is subject to change. Several factors could change this number, such as an emerging chemical of concern like PFAS, or a site such as Site 12, which is always dynamic.

Mr. Clark thanked everyone for listening to his presentation and asked for questions.

Dale Smith (RAB member) asked if all project managers are local to the Bay Area. Mr. Clark said that not all project managers are local.

Ms. Smith said that Mr. Clark had mentioned that an excavation will be done at YF3. She said she did not receive a document that said anything about the resolution of YF3. She asked if the document will be a feasibility study or whether the Navy is already working with regulators to select a remediation. Mr. Clark said the feasibility-like document evaluated alternatives. He said he does not know how the Navy's decision will be documented as there is not a ROD. He said that the Navy is planning an aggressive excavation of the remaining TPH for several reasons. They are looking for the best long-term alternative for the site that will not involve monitoring at the site forever because monitoring at the site is much more difficult than other sites. It is also a high priority for the Water Board because of the petroleum in the shoreline. The challenge is to create a design that enables the Navy to perform its remedial activities on YF3 once without having to return for multiple phases. The Navy plans for the remedial activities to take place in 2022. Ms. Smith asked if there will be a statement indicating the proposed action. Mr. Clark said he did not know at this time.

Ms. Smith said Halyburton Court was not included in the Basewide Groundwater Monitoring Report. She asked why it was not included and if it was true that sand was used rather than soil for the ground cover at these sites. Mr. Clark asked if she was referring to the UST excavation or Halyburton Court excavations. Ms. Smith said it was not the phyto removal action and that it was discussed on Slide 7. Mr. Clark said that the backfill was soil. Ms. Smith said this was not in the groundwater monitoring report and asked why it was not included but Bigelow was. Mr. Clark said he did not know but that there were no groundwater issues at Bigelow or Halyburton. Site 12 was focused in the Gateview Avenue area where the TPH excavation took place. There are wells around the perimeter of the SWDA. Bigelow and Halyburton do not have any CERCLA groundwater issues and the ROD also did not have any groundwater actions for those areas.

Ms. Smith asked if the native plants will be restored at Buildings 570 and Site 32 because the photos included in the work plan appeared to show native plants. She asked if the native plants will be destroyed during the gamma walkover survey. Mr. Clark said that Site 32 has basically no vegetation because it has been used as a lay-down area. After the gamma walkover survey, they will have nothing to do with the area relative to the environmental program. There is currently no plan to seed it because historically it was paved. The Navy will be using Building 570 in perpetuity or until it is not needed to support the environmental program.

Ms. Smith asked if it was correct that of the radiological scans done throughout Site 12, none have been conducted under the hardscape. Mr. Clark confirmed that this was correct. Depending on the thickness, the hardscape can reduce the maximum depth to which the instrument can "see." When hardscape is thin enough, such as with sidewalks and some roadways, seeing beneath the hard surface can be possible. The challenge is with building foundations because they are thicker.

Ms. Smith said that she had written comments to the Regional Water Board on the draft PFAS PA stating that she thought the dry-cleaning operation should be investigated. The chemical used in the dry-cleaning operation may not have been perfluoroalkoxy sodium sulfonate or perfluoroalkoxy sulfonate because it was used in waterproofing garments and has never been investigated at the site. She said that they had not realized that PFAS was used in waterproofing such as the brand GORE-TEX.

Ms. Smith said that it had been implied that there was a light at the end of the tunnel with the cleanup at Site 12 and asked when the Navy foresaw that light being reached. Mr. Clark said there are many factors that impact reaching the end of the tunnel but reaching the end of the latest phase of chemical remediation in the housing area is a significant milestone.

Carol Harvey (journalist) asked who the contractors working at NAVSTA TI are. Mr. Clark said the current contractors are Gilbane, Trevet, and Battelle.

Ms. Harvey said that she believed oil tanks had been removed from the top of YBI and asked if this work conflicted with the ongoing construction at YBI. Mr. Clark said he did not recall what oil tanks Ms. Harvey was referring to as oil tanks had not been removed for years. He suggested that she may have been thinking of the water tanks that were removed as part of the construction within the last two years and said there was no

conflict. Bob Beck (TIDA) said that there was one water reservoir on YBI that was demolished. There are also three new water reservoirs under construction which are expected to be commissioned and go into service before the end of 2021. This will allow for the decommissioning of the large rectangular concrete reservoir on the western high point of the island. Ms. Harvey asked to call Mr. Beck at another time to further discuss the reservoirs.

Ms. Harvey asked what the metal tank-like structure with a door at the Westside SWDA was. Mr. Clark said he did not know but that historically there were some enclosures for utilities, so it may service one of those but likely it has nothing to do with the cleanup process. Ms. Harvey asked if she could email Mr. Clark an image of the structure for him to identify. Mr. Clark said she can and asked that she copy Tahirih Linz (Navy) as well.

Ms. Harvey said the Navy had created the firefighting foam, aqueous film forming foams (AFFF), which had been used at Site 6. She asked why it had just been discovered at Site 6 and why it had just become a focus when the Navy had known about it and created it. Mr. Clark said he did not believe that the Navy had created AFFF, but rather that private corporations created the chemicals. In terms of AFFF as an emerging contaminant, it is an evolving science. As with any chemicals the Navy investigates, the science changes and they learn more about chemicals through the years. Things that were at one-point thought to be safe may no longer be and standards change. It was detected several years ago, and the Navy is already several years into the investigation process. There was no reason to sample for AFFF until a couple of years ago when the Navy started sampling primarily because of drinking water concerns.

Ms. Harvey said that she would like to have access to the documents shared with RAB members and asked that they be mailed to her if they are in paper form. Ms. Linz said she will reach out to Ms. Harvey about her request.

New Business—BRAC Cleanup Team Update

Celina Hernandez (Water Board) summarized work completed since the last RAB meeting. The BCT and Site 12 Radiological Technical Working Group meetings have occurred monthly from September to November and the December meetings are upcoming.

Discussions were held regarding Site 6 PFAS and several milestones set forth in the second final five-year review were reached. At the November 18, 2020 BCT meeting, the results of the Navy's September groundwater sampling event at Site 6 were reviewed. An outline of the RI work plan for PFAS at Site 6 was also presented at the meeting.

Ms. Hernandez said she had submitted preliminary comments on the PFAS RI work plan presentation before Thanksgiving and may have more comments after discussing the presentation with internal experts.

On September 29, 2020, the final Revision 1 Technical Memorandum (TM) for radiological characterization of the area adjacent to Building 1204 at Site 12 was received by the Water Board. Throughout September and October, the Water Board reviewed and commented on draft fact sheets for the five-year review and Site 12. The final fact sheet

for the five-year review was issued in November. The final Site 12 fact sheet is yet to be completed.

Ms. Hernandez issued comments on the draft basewide PA for PFAS on October 16, 2020. On November 23, 2020, she submitted comments on the draft 2019 Annual Basewide Monitoring Report for Sites 6, 12, 21, and 24.

Throughout November and December, the Water Board had discussions with DTSC and the Navy on the responses to comments (RTCs) on the draft final of the Phase IV NTCRA work plan for Site 12 at the SWDA Westside and are currently still in discussions.

On November 6, 2020, the Water Board received the Site 12 draft work plan for intrusive investigation of the areas of interest mentioned by Mr. Clark in his presentation. Comments are due back to the Navy by January 6, 2021.

The draft 2020 Site Management Plan was received by Water Board on November 25, 2020. Comments are due on December 23, 2020.

On November 30, 2020, the Water Board received the final Revision 1 TM for Site 12 and the draft closure report for the UST and aboveground storage tank 248 area at Site 6. Comments are due to the Navy on January 29, 2021.

Peyton Ward (DTSC) said DTSC had reviewed the same documents as Ms. Hernandez and still has some it is working on. She attends the monthly Site 12 Radiological Technical Working Group meetings, the focus of which for the past quarter was to develop the conceptual site model for Site 12 and a path forward to radiological closure of Site 12.

Ms. Ward added that since the last RAB meeting she made a site visit to NAVSTA TI. There was a potable waterline that was ruptured during some site demobilization work. She went to the site with the CSO and saw the areas that had flooded with drinking water. Follow-up sampling was performed to confirm that no contamination was spread by the temporary flooding. The results indicated that there were no contamination issues. During this visit, Ms. Ward also took a general tour around the island and observed the hardscape at Northpoint Drive and walked the fence line at Westside Drive, but did not notice any visible issues. She said the issues brought up earlier in the year were all resolved. Ms. Ward said she will be going to the Island on December 11, 2020 to oversee the installation of utility poles.

Ms. Maloof asked for questions from RAB members. Ms. Smith asked if there is a technical committee for remediation and who the members of the committee are. Ms. Ward said that the group is the Site 12 Radiological Technical Working Group and members include herself, Ms. Hernandez, and radiological experts from the California Department of Public Health.

Alice Pilram (RAB member) said there was a water main break on NAVSTA TI near Building 1 that caused flooding on the roadway, but it had been fixed.

New Business—Citizen's Advisory Board (CAB) Update

Becky Hogue (RAB member) was not in attendance, so Nathan Brennan (RAB member) gave the CAB update. He said the CAB had its second virtual meeting on December 1,

2020. Roadwork began on Hillcrest Road and the Eastbound ramp interchange of Interstate 80. He said this will prevent bicyclists from crossing the bridge on weekdays and will continue for five months.

He said construction is ongoing at the ferry facility. Seismic strengthening and the compaction of soil for the causeway have been completed. Rebuilding of the causeway is in progress with one side complete.

Utility work is ongoing. Electrical and other utilities for NAVSTA TI buildings are being brought in. Water tanks are in-progress at YBI and construction of housing has begun.

The total affordability program is underway, creating congestion pricing to minimize traffic on the Bay Bridge. The proposed plan is for residents and low-income workers to receive a pass allowing them to cross the bridge for free.

Ms. Smith asked if RAB members who do not live on NAVSTA TI will receive a pass to waive the entry fee for meetings. Mr. Brennan said that the meetings will likely be during non-congestion time or that she may only need to pay the fee when returning from the meeting. Ms. Smith commented that she would have to pay the fee both ways.

Ms. Harvey asked where Building 1204 was located. Mr. Clark said that it would be difficult to explain to her without a map. Mr. Beck said that the building is located on Mariner Drive off Gateview Avenue and is the second building on the right.

Ms. Harvey said that residents of NAVSTA TI are not receiving information regarding Navy activity and asked that the Navy send out more leaflets or begin posting on the Nextdoor app. She asked if she would have to pay the bridge fee to attend future in-person RAB meetings. Ms. Maloof said that she did not know whether that was the case but will find out and get back to her. Regarding sending information to NAVSTA TI residents, Ms. Linz said that a leaflet was recently sent out to residents addressing the five-year review and that a fact sheet summarizing past and future Site 12 work will be delivered to residents in early 2021. Ms. Harvey asked if these will be mailed or hung on doors. Ms. Linz responded that the fact sheet is a mailer to be sent out to all residences at Site 12.

Old Business—Community Comments

There were no community comments.

Old Business—RAB Meeting Minutes Approval Meeting No. 202

Ms. Linz asked for comments on the September 2020 RAB meeting minutes.

(No comments)

Ms. Pilram moved to accept the minutes. Mr. Brennan and John Gee (RAB member) seconded. The motion was approved.

RAB Discussion Items, Co-Chair Announcements, and Future Agenda Items

Ms. Smith said that action items from the previous meeting were not included in the agenda for this meeting as she had asked, and Ms. Linz had not followed up on the action item from the September meeting. Ms. Linz apologized for not following up on her action items and for not putting action items into future agendas. She said she will try to do that for the next meeting.

Ms. Linz clarified that the expectation is that past action items will be outlined on the current agenda to be sure that there is follow up. She will get back to Ms. Smith about her outstanding action item prior to the February 9, 2021 RAB meeting. Ms. Smith asked if Ms. Linz's responses will be distributed to the entire RAB. Ms. Linz said she will email her answers to all RAB members.

Ms. Linz asked for comments on the adjustments made to the 2021 RAB calendar. There were no comments on the new calendar.

Mr. Brennan referred back to an action item regarding Building 30 from the September 2020 RAB meeting and told Ms. Smith that the concrete slab by Building 30 extends off the foundation. He said the entire yard was dug up but that the slab was not broken up when the cleanup was taking place. Ms. Smith said it is a historic structure and cannot be changed.

Ms. Hernandez asked what BCT stands for and Ms. Linz responded that it stands for BRAC Cleanup Team.

Adjournment

The meeting was adjourned at 8:55 p.m.

Action Items

Ms. Linz will provide responses to Ms. Smith comments from the September 2020 RAB meeting about the removal of the reference to barium, manganese, and iron concentrations at Site 12 that were above the remedial goals in the five-year review; the Site 27 reference stating the 2018 bathymetric survey results; and the photograph of a concrete slab outside the building at Site 30.

Mr. Clark and Ms. Linz will provide a response to Ms. Harvey identifying the metal tank-like structure at Westside SWDA.

Ms. Linz will contact Ms. Harvey about her request to access documents shared with RAB members.

Ms. Maloof will provide a response to Ms. Harvey about whether RAB meeting attendees will be required to pay the bridge toll to attend future in-person meetings.

Attachment A. NAVSTA TI RAB Meeting No. 203 Agenda

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ENVIRONMENTAL RESTORATION ADVISORY BOARD MEETING AGENDA

NAVAL STATION TREASURE ISLAND

Tuesday, 8 December 2020

Join by computer Download the Microsoft Teams App to your desktop, phone, or tablet and use Meeting Link: <https://tinyurl.com/TI-RAB-DEC-2020>

Join by telephone Toll Free: 1-833-258-6146, Enter the meeting identification number: 916975464.

For Technical Help:

<https://support.microsoft.com/en-us/office/meetings-in-teams-e0b0ae21-53ee-4462-a50d-ca9b9e217b67>

Or call: 415-712-2311

MEETING NO. 203

6:45 – 7:00: Log-in Help

I. WELCOME REMARKS AND AGENDA REVIEW

7:00 – 7:05 Welcome, Introductions, Meeting Guideline Review
Marsha Maloof, Meeting Facilitator

7:05 – 7:10 Agenda Review
Alice Pilram, Community Co-Chair

II. NEW BUSINESS

7:10 – 7:55 Navy Presentation: 2020 Look Back/2021 Look Ahead
Presentation: Dave Clark, Navy
Q&A: RAB
Q&A: Community

7:55 – 8:05 BRAC Cleanup Team Update
Peyton Ward, DTSC and Celina Hernandez, Water Board

8:05– 8:15 Citizen’s Advisory Board Update
Becky Hogue, RAB member

8:15 – 8:25 Break

III. OLD BUSINESS

8:25 – 8:35 Community Comments
Marsha Maloof, Meeting Facilitator
Q&A: RAB
Q&A: Community

8:35 – 8:45 RAB Meeting Minutes Approval Meeting No. 202
Tahirih Linz, Navy Co-Chair

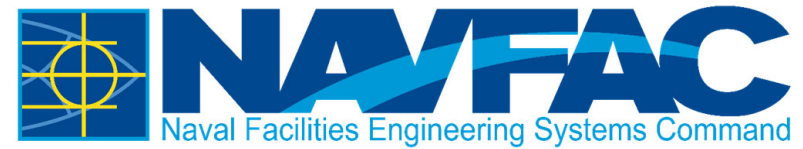
8:45 – 9:00 RAB Discussion Items, Co-Chair Announcements and Future Agenda Items
Alice Pilram, Community Co-Chair and Tahirih Linz, Navy Co-Chair

9:00 Adjourn

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Attachment B. 2020 Look Back/2021 Look Ahead Presentation

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2020 Look Back / 2021 Look Ahead Environmental Cleanup Program

**Naval Station Treasure Island
Restoration Advisory Board Meeting**

December 8, 2020



Tonight's Presentation Topics

- 2020 Look Back
- 2021 Look Forward
- Funding Update

12/8/2020

2020 Look Back



- 2020 progress
 - Final documents
 - Field work
- Petroleum sites
 - YF3

12/8/2020



Final Documents – Site 12 Housing Area

- Site 12 documents
 - *Non-Time Critical Removal Action (NTCRA)* Post Construction Summary Report (PCSR) (January 2020)
 - Time Critical Removal Action (TCRA) PCSR (March 2020)
 - Additional Radiological Surveys – open spaces and vacant buildings (December 2020)
 - SWDA *Non-TCRA* Westside Phase IV Work Plan (December 2020)



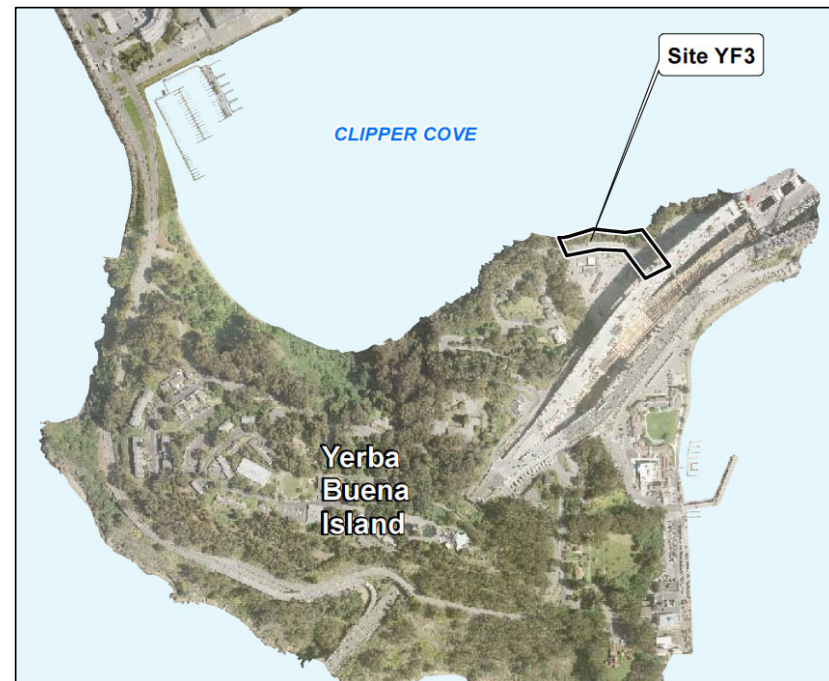
Photo credit Google Earth

12/8/2020

Final Documents – Other Sites



- Second Five-Year Review
(August 2020)
- 2018 Groundwater/Soil Gas
Monitoring Report
(August 2020)
- Yerba Buena Island pipeline
site (YF3) Corrective
Alternatives Evaluation
(September 2020)



12/8/2020

Second Five-Year Review Protectiveness Determinations



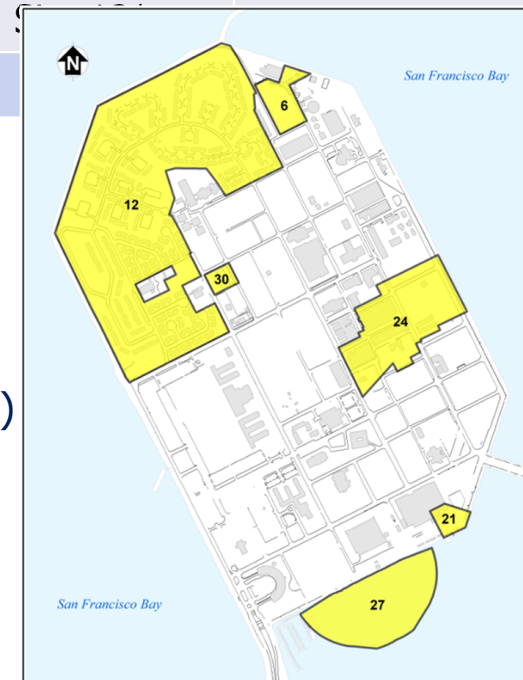
Protective	Protective in the Short-term	Will be Protective	Protectiveness Deferred	Not Protective
Site 21	Site 24		Site 6	
Site 27				
Site 30				

*Cleanup is only for groundwater within Gateview Avenue Arsenic/TPH Area

Follow up actions including continued monitoring to continue to support the next five year review (2025)

All sites: protective, protective in short term, or protectiveness deferred.

Final fact sheet out November 2020



12/8/2020

2020 Fieldwork – Site 12



- Non-SWDA Remedial Action Field Work
- Work completed removal of non-radiological contaminants
- Remedy outlined per 2017 record of decision



*Example of discrete excavation.
Excavation and Backfill at Haliburton
Court.*

12/8/2020

2020 Fieldwork – Site 12 and Monitoring



Monitoring (Site 24)



Site 12 Northpoint Drive
Restoration

12/8/2020



Site 12 UST Removal

- Removal of 2 Underground Storage Tanks
 - Tanks Located, Removed, Radiologically Screened
 - Tanks contained oily material
 - Located in open field between 1400 series housing
 - Associated piping removed as well
 - Stained Soil Removed
 - Confirmation samples collected, area backfilled



- UST's Exposed



- Removal of Tank



- UST Location

12/8/2020

2021 Look Ahead



12/8/2020



2021 Work Plans

- *Building 570 FSS Work Plan (March 2021)*
- Site 6 PFAS Remedial Investigation Data Gaps Work Plan *(May 2021)*
- Site 12 Radiological Areas of Interest (1131, 1229, 1303/1306, 1400) Work Plan *(September 2021)*
- Radiological Survey of the Northeast Navy Retained Corner and Site 32 Work Plan *(September 2021)*
- YF3 Petroleum Corrective Action (Cleanup) Plan *(October 2021)*

12/8/2020

2021 Planned Field Work



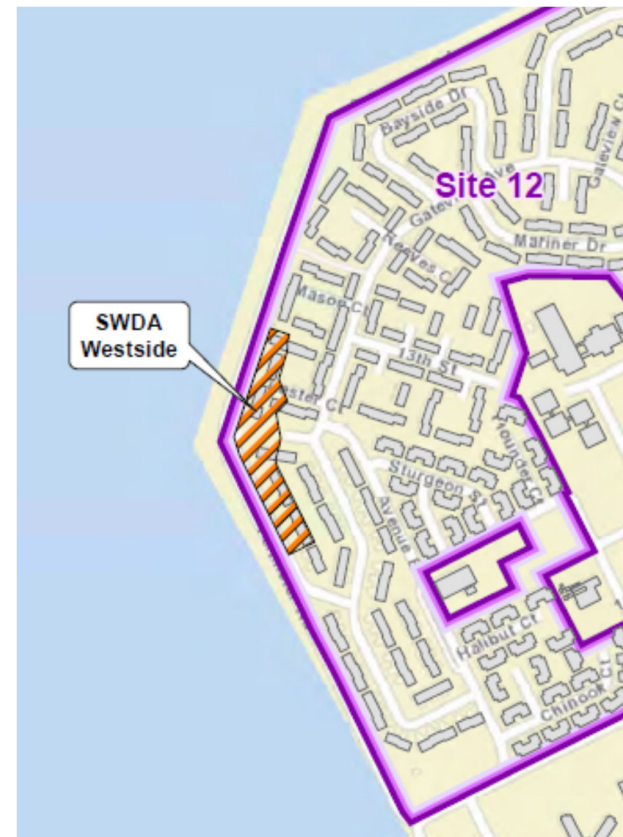
- Building 570 Final Status Survey *(May 2021)*
- Site 6 PFAS Remedial Investigation Data Gaps *(Spring 2021)*
- Northeast Navy Retained Corner and Site 32 Final Status *(Radiological)* Survey *(September 2021)*
- Soil Gas and Groundwater Monitoring *(Quarterly)*

12/8/2020

2021 Planned Field Work – Site 12 Westside Drive



- Solid Waste Disposal Area (SWDA) Non Time Critical Removal Action Phase IV Field Work
 - Finishing Removal of Stockpiles and Debris (left from Phase III)
 - Finishing Backfill of Excavations
 - New Radiological Survey of SWDA Westside

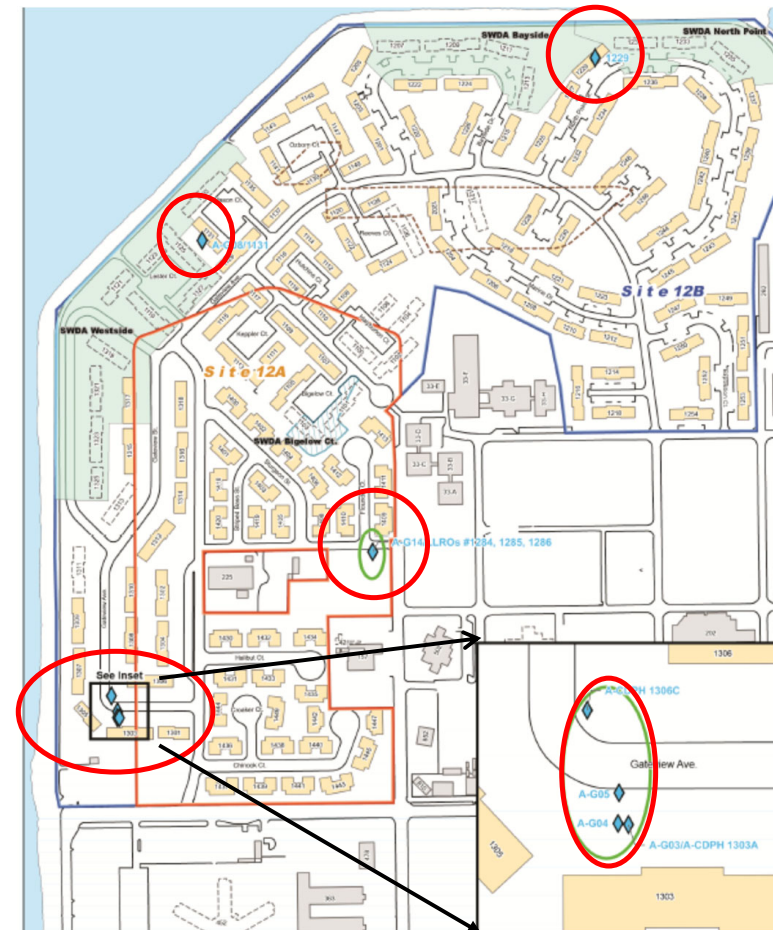


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2021 Planned Field Work – Site 12 Continued

- Site 12 Radiological Areas of Interest
 - Follow up to Recommendations from Previous Field Work in Open Spaces and Buildings
 - Details in Workplan to be Final in 2021



12/8/2020

2021 Reports



- Basewide PFAS* Preliminary Assessment *(January 2021)*
*Per- and polyfluoroalkyl substances (PFAS) are a group of man-made chemicals that includes PFOA, PFOS and other compounds.
- 2019 Monitoring Report for Sites 6, 12, 21, and 24 *(February 2021)*
- Underground Storage Tank 248 (In Site 6) Closure Request *(March 2021)*
- Site 12 Radiological Risk Assessment Data Gaps Report *(May 2021)*

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2021 Reports - continued



- Non-rad/Non SWDA Remedial Action Completion Report
(July 2021)
- Site 12 Conceptual Site Model Research Report
(September 2021)
- Final Status Survey Report Building 570 *(October 2021)*
- Site 12 Radiological Areas of Interest (1131, 1229, 1303/1306, 1400) Report *(September 2021)*

12/8/2020

Funding at a Glance

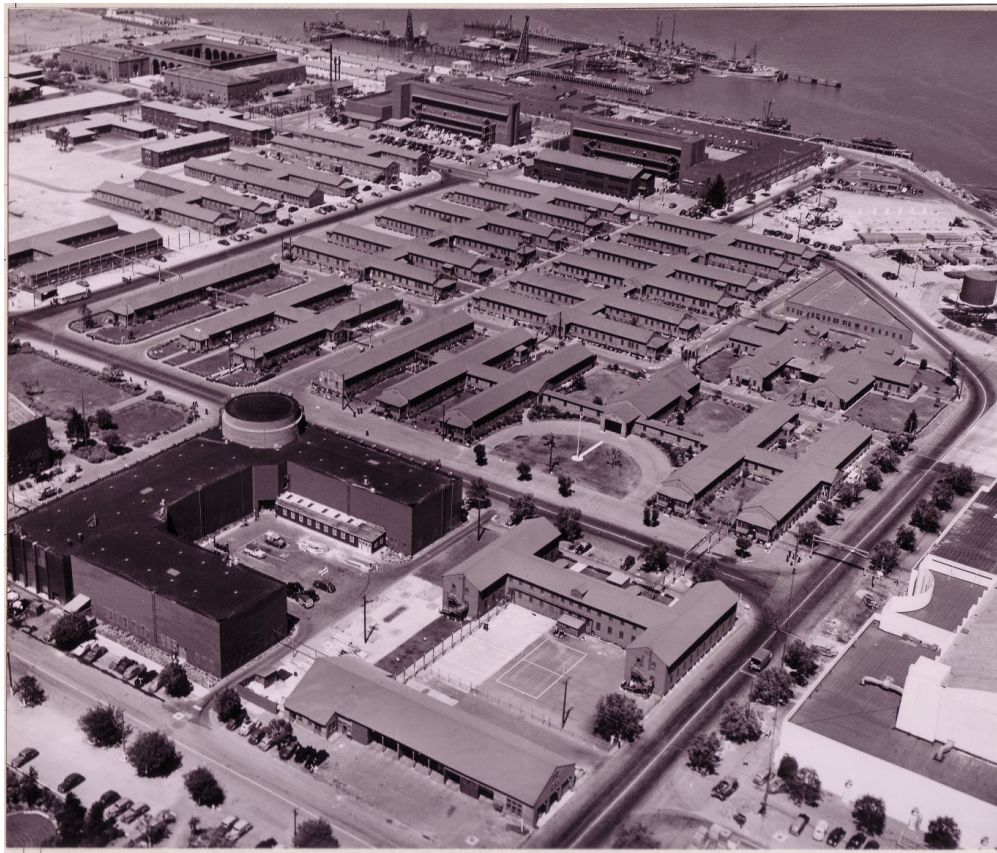


Amount spent through FY 20*	\$297.4 Million
Amount expected to spend during FY 21	\$5 Million
Estimated cost to complete remedial actions	\$18 Million

***Federal Fiscal year is October-September**

12/8/2020

Questions?



12/8/2020