

Agenda
Restoration Advisory Board Meeting
Naval Air Station Brunswick, Maine
Wednesday, 13 June 2007
Parkwood Inn
7:00 to 9:00 pm

7:00 – 7:10 Introductions & Administrative Items

7:10 – 7:20 Newsletter, NASB Website, Site
Management Plan, Community
Relations Plan

7:20 – 7:35 Mere Brook Investigation Update

7:35 – 7:50 Mere Brook Fish Tissue Study

7:50 – 8:10 Site 9 Status Update

8:10 – 8:20 Site 17 (Building 95) Update

8:20 – 8:30 Sites 1, 3, Eastern Plume LTMP

8:30 – 8:45 Field Work Schedule

8:45 – 9:00 Questions, future RAB agenda items,
and next RAB Meeting

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**RESTORATION ADVISORY BOARD MEETING
NAVAL AIR STATION BRUNSWICK, MAINE
PARKWOOD INN
13 JUNE 2007
7:00 – 9:00 PM
MEETING NOTES**

1. MEETING ATTENDEES

Lonnie Monaco, Remedial Project Manager	U.S. Navy, NAVFAC Mid Atlantic
Dawn Kincaid, BRAC Environmental Coor.	U.S. Navy, BRAC PMO Northeast
Claudia Sait, Remedial Project Manager	Maine Department of Environmental Protection
Chris Evens, Project Geologist	Maine Department of Environmental Protection
Christine Williams, Remedial Project Mgr.	U.S. Environmental Protection Agency
Dave Peterson	U.S. Environmental Protection Agency
Al Easterday, Senior Project Manager	ECC
Gina Calderone, Project Manager	ECC
Jeff Donovan, Environmental Scientist	ECC
Doug Heely	H&S Environmental
Carolyn Lepage, BACSE TAG Consultant	Lepage Environmental Services
Lisa Joy, Environmental Director	NAS Brunswick, Environmental Department
John James, Public Affairs Officer	NAS Brunswick, Public Affairs
Marty McMahan	NASB BRAC
Dale Mosher	NASB IR Coordinator
M .J. Lagarde	Town of Brunswick Citizen
Leighton Cooney	Governors Office
Suzanne Johnson	Town of Brunswick Citizen
Loukie Lofchie	Brunswick Area Citizens for a Safe Environment
Ed Benedict	Brunswick Area Citizens for a Safe Environment
David Chipman	Town of Harpswell Citizen
Lawson Anderson	Tetra Tech
Arnie Ostrosky	Tetra Tech
Linda Klink	Tetra Tech
Dan Waddill	U.S. Navy, NAVFAC Atlantic
Carol Warren	Brunswick Local Redevelopment Authority
Robert Rocheleau	Brunswick Local Redevelopment Authority

2. INTRODUCTIONS

Welcome to the June 2007 Restoration Advisory Board (RAB) meeting for NASB (Naval Air Station Brunswick). Captain Womack will hopefully be attending the meeting later. He is currently attending to today's emergency at the base. Lonnie Monaco, Remedial Project Manager for the U.S. Navy, NAVFAC Mid Atlantic, offered RAB co-chair Tom Fusco the opportunity to make opening remarks, but Tom was not in attendance.

Lonnie offered congratulations to the Town of Camden. 50 years ago, Camden was the site of the first Peyton Place episode!

Introductions were made of the technical team present - Navy team, Environmental Protection Agency (EPA) and Maine Department of Environmental Protection (MEDEP), BACSE (Brunswick Area Citizens for a Safe Environment) and Navy's consultants. Also, members of the audience introduced themselves.

3. NEWSLETTER, NASB WEBSITE, SITE MANAGEMENT PLAN AND COMMUNITY RELATIONS PLAN

Al Easterday, ECC senior project manager presented an update of the newsletter from the spring of 2007. ECC and the Navy have been working with the stakeholders to make this first issue. Feedback and comments can be directed to John James, Public Affairs director at NASB. The second issue will be released in few months. John James stated that about 1000 copies have been distributed to nearby towns, at the college, the library, local coffee shops, etc. About 200 copies are still left, and John encouraged all to take these and distribute them as appropriate. Al Easterday stated there is a PDF format version of the newsletter available on EPA's website. Al encouraged all to review and provide feed back.

The Site Management Plan (SMP) will be issued as a final document in June. This plan provides information on all of the sites associated with the base, and a road map for future work. The Community Relations Plan (CRP) will be issued draft in September in accordance with EPA guidance. A third party interview firm was retained to interview citizens and municipal officials. Interviews will take place in July, and this information will be presented in the draft plan.

Linda Klink of Tetra Tech presented an update of the website. Tetra Tech has been tasked with developing the website for NASB. The website will be operational in October. The website for the Marine's Quantico base was shown at the last RAB meeting as an example of what the NASB website may look like.

4. MERE BROOK INVESTIGATION UPDATE

Al Easterday presented an update of the Mere Brook investigation, and a map of the work area was projected for all to view. Carolyn Lepage asked Al to show where the runways were in relation to the study area, which he did. The work area is also near the weapons area, on the east side of the Eastern Plume. Al explained that the work was conducted in two phases. The first phase included direct push borings last winter on several transects in the flood plain of Mere Brook and Merriconeag Stream. Groundwater samples were collected and analyzed real time to determine how to screen the micro wells at various intervals. The second phase is happening now, and includes 6 borings in the upland area. This work uses a drive and wash drilling technique, and these borings will extend about 4 feet into the marine clay. The Navy has been in close communication with Department of Environmental Protection (DEP) and EPA hydrogeologists to determine where to install the screens for these wells. This work will help to better characterize the geology and hydrogeology of this area, which is a discharge point for Eastern Plume contaminants in groundwater. After these wells are installed, additional work will include

developing the wells and collection of groundwater samples from all new Mere Brook area wells. A report will be issued as draft in late August or early September.

5. MERE BROOK FISH TISSUE STUDY

Christine Williams of EPA presented an overview of the fish tissue study. See Attachment A for presentation slides. In 1995, the landfill near Mere Brook was capped. After that, Maine Fish and Wildlife did a fish study, and pesticides and organics were found in the tissue of these fish. At the time, the results could not be directly connected to the landfill. The Navy and stakeholders wanted to wait until the capping work was done, which is why this second study is being done now. The group also wanted to wait for this second study so that fish populations would not be depleted. This proposed study will use the same sample locations as before (up stream and down stream of the landfill). The Navy will analyze the tissue samples. The EPA and Fish and Wildlife people will catch the fish. Tests will be run on the tissue samples for pesticides, metals and percent lipids. A map of the work area and the location of the landfill was shown, as well as pictures of the groundwater seeps taken from this winter.

Christine asked whether there were any questions regarding the proposed work. There were no comments from the audience.

6. SITE 9 STATUS UPDATE

Al Easterday of ECC provided a status update of the on-going Site 9 work, and explained that this site includes two phases of work. The first phase is north of Neptune drive, and generally includes the excavation work that started last year. This work area was shut down over the winter. In response to concerns over site security, the Navy installed sheep fencing around the Hazardous Waste pile area and additional hay bales for erosion control. The construction demolition debris pile (No. 5) has been removed, and other piles have been sampled. A Time Critical Removal Action memo is being prepared by the Navy and will be part of the administrative record. Once all of the piles are sampled and the results are back, they will be disposed off site. The excavation work is expected to continue into the fall of 2007. The plan is to dispose of the on site waste stockpiles first, and then continue with the remaining excavation and disposal.

Al Easterday presented a general site map of Site 9. This map shows the north excavation area, and also the proposed borings on both sides of Neptune Drive to better delineate any further extent of ash landfill. A direct push work plan has been submitted, and additional borings beyond those in the work plan could be installed, if needed, for delineation. Ed Benedict of BACSE, referring to the map on the screen, asked if everything in yellow was going to be excavated, and what the red dashed lines meant. Al explained that the red dashed lines represent the anticipated extent of ash, based on pre-excavation sampling data. The yellow areas on the map displayed show the actual excavation extent that goes beyond the red dashed line. This shows that the Navy actually excavated more than originally anticipated. Lisa Joy, NASB Environmental Director, also explained that there were old barracks in the way, which prevented better delineation in that area.

Al Easterday explained that the direct push points north and south of Neptune Drive will delineate if there is ash to the south. Al also discussed the direct push locations and pore water samples that

will be taken in the upper impoundment pond to delineate diesel range organics (DRO) in Site 9. Soil and groundwater samples will be taken for DRO analysis, and this field work is expected to commence in July. There were no questions about this work from the audience.

7. SITE 17 (BUILDING 95) UPDATE

Arnie Ostrofsky from Tetra Tech gave a presentation of the proposed work plan for Site 17 (which includes Building 95, the former pest control building). See Attachment B for presentation slides. An aerial photo was presented showing the general area. There have been many environmental actions at this site for 13 or 14 years, including a removal action of 1300 CY (cubic yards) of soil, and groundwater monitoring. The objective of the proposed work plan is to determine if additional removal actions are needed. The site is relatively small measuring about 150 feet by 150 feet. ECC prepared the original work plan document, and Tetra Tech will implement this work. The study will include 20 soil borings in a grid pattern, about one every 50 feet. Some of the borings will be converted to monitoring wells. This work is schedule to be done this fall.

8. SITES 1, 3 AND EASTERN PLUME LONG-TERM MONITORING PLAN (LTMP)

Lonnie Monaco explained that the Navy recently received two letters from the EPA, dated 6 June 2007. One letter deals with sampling events that did not include all wells. The other letter dealt with the treatment of 1, 4 dioxane. The Navy is in the process of responding to these letters. Lonnie explained that prior to the last monitoring event in April, a list of all samples that were to be collected was sent to the regulators for concurrence. Lonnie also stated that for ease of reporting, these sites (Sites 1 and 3 and Eastern Plume) will be reported separately (2 reports). Draft reports will be issued within 45 days of data validation. The Navy is continuing to work with the regulators and will address their comments. The Navy responds to the regulator's comments, and usually Navy responses are acceptable. The back and forth between the Navy and regulators ends with resolution of comments, and the final work plans or reports are issued. All involved are continuing to improve this process.

9. FIELD WORK SCHEDULE

Lonnie Monaco presented a slide showing the calendar with the environmental restoration activities going on at the base. At yesterday's technical meeting, the group discussed the large number of documents that have been finished in the last few months. It is a good team effort of Navy, contractors, and regulators to make this much progress. The schedule does not show soil pile sampling in Site 9 or the additional wells that are proposed. In Site 9, lots of trucks of hazardous waste will be taken to Canada. There are also the piles of construction demolition debris (CDD) and ash to be trucked off site (4-5 times the volume of hazardous waste). This debris material will be disposed at an in-state facility.

Suzanne Johnson, of the Town of Brunswick, asked a question about the EPA letters. Is additional work needed for compliance with EPA? Lonnie stated that this is still being evaluated by the Navy, and they have many policy and legal issues to consider. Suzanne asked what the procedures are if there is an impasse. Christine Williams of EPA stated that the Federal Facilities Agreement (FFA) contains dispute resolution procedures. The Navy had 15 days from receipt of the letter (8

June 2007) which is June 25, to respond, whether to pay the fine or enter into dispute resolution. The dispute resolution procedures are part of the Federal Facilities Agreement (FFA), Section 12 of page 29, and in the administrative record and are also available on EPA's website.

If the Navy wishes to dispute the letter, they have to tell EPA why. In this case, within 21 days, executives of the Navy, EPA and DEP will gather to resolve the issues. Suzanne asked if this has happened before. Both EPA and Navy stated that it does not happen very often. In fact, everything to date has been resolved through an informal process.

Ed Benedict asked what is being testing for in Mere Brook. Al Easterday responded that this is part of the Eastern Plume work, and testing includes volatile organic compounds (VOCs) and 1, 4 dioxane. Ed also asked about new sites and how they are tracked. He gave the example of the area where old mattresses were said to be buried. The interview process via the new Community Relations Plan will help to identify these areas, and to decide what is considered a 'site' and what isn't. Dawn Kincaid, BRAC Environmental Coordinator for the U.S. Navy, stated that tomorrow the technical group would discuss a tracking process that will identify these issues and follow them to completion. This process will be communicated to stakeholders via the website or by other means yet to be determined. Dawn stated that the Navy wants to be diligent because they don't want these issues to stand in the way of transferring the base properties.

10. QUESTIONS, FUTURE RAB AGENDA ITEMS AND NEXT RAB MEETING

Lonnie stated that the Navy is looking for RAB presentation ideas. One example Lonnie cited was Ed's question about the tracking system for new sites.

The next RAB meeting is scheduled for 17 October 2007. It will probably be held at the Parkwood Inn.

Lonnie reminded everyone that handouts are available in the back of the room. The handouts include a copy of the fish tissue slides, the newsletter, and the last meeting minutes.

The meeting was adjourned at 7:45 PM.

ATTACHMENT A

Mere Brook Fish Tissue Study

Study Overview:

Replicates FWS fish study in 1995.

Scheduled the week of July 9, 2006.

A team effort...

- fish sampling by FWS
- chemical analyses by Navy
- data analysis/ reporting by EPA.

Draft report anticipated in early 2008.

Mere Brook Fish Tissue Study

Study Plan:

Fishing upstream and downstream:

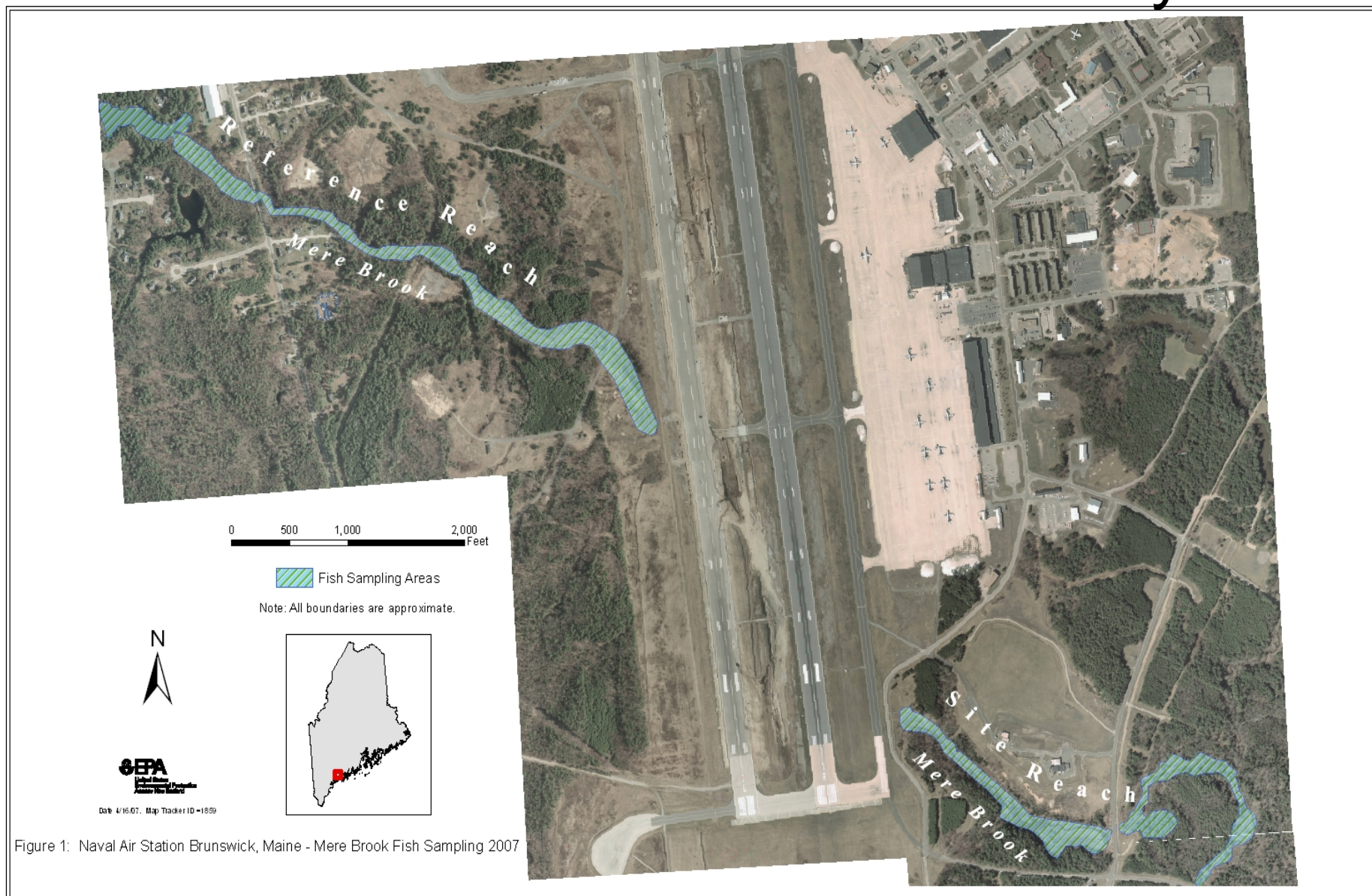
- adult eastern brook trout (~6 inch)
- juvenile eastern brook trout (<3 inch)

Sample analyses:

- tissue metals, pesticides, % lipid
- fish aging using length & weight
- archive fish scales.

Report and compare to FWS study in 1995.

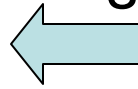
Mere Brook Fish Tissue Study



Mere Brook Fish Tissue Study



Ground water seeps to the surface along the downstream “site” reach of the Brook



Seep water flows into the Brook



Site reach with the airfield in the background



ATTACHMENT B

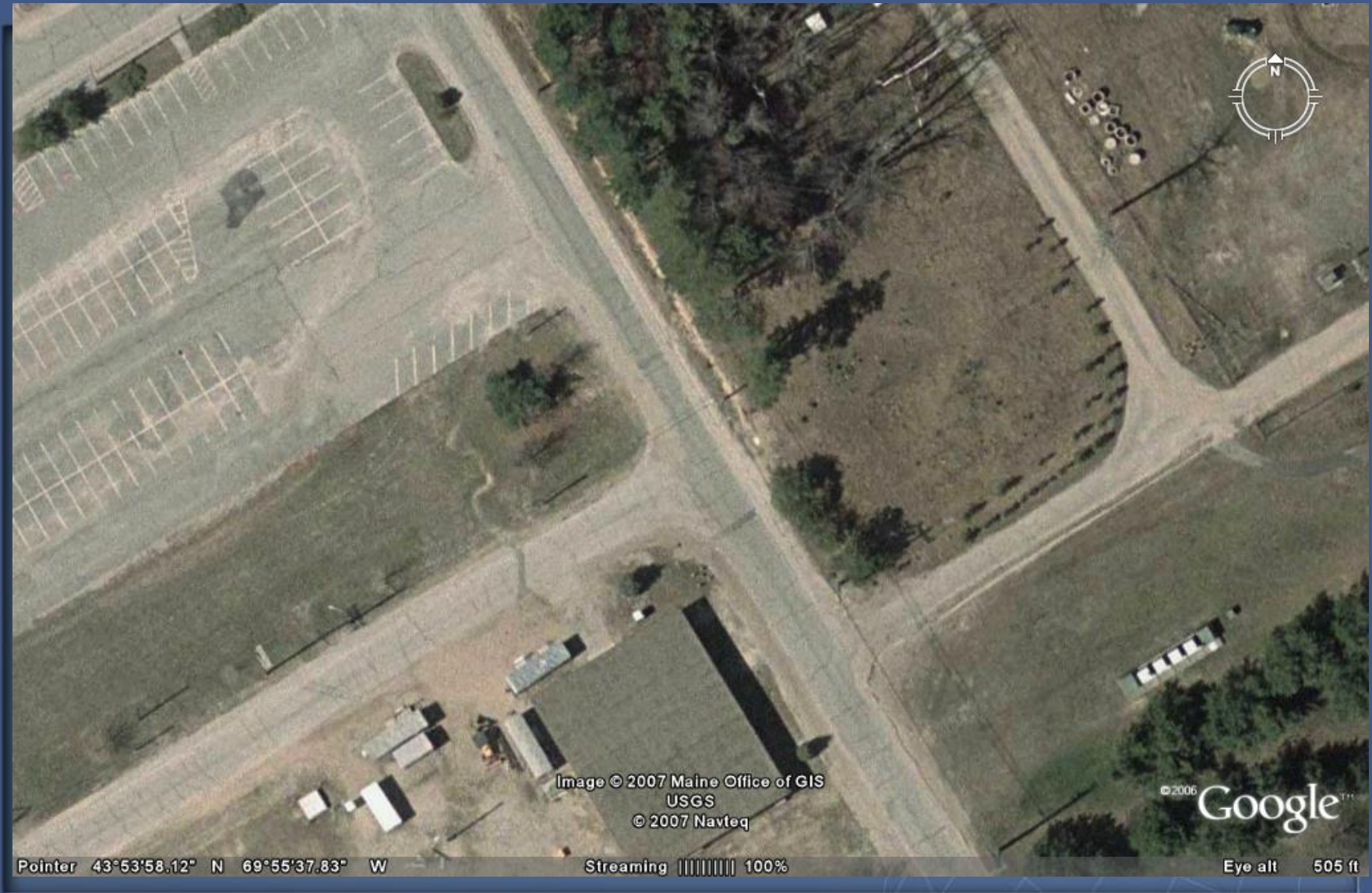


TETRA TECH

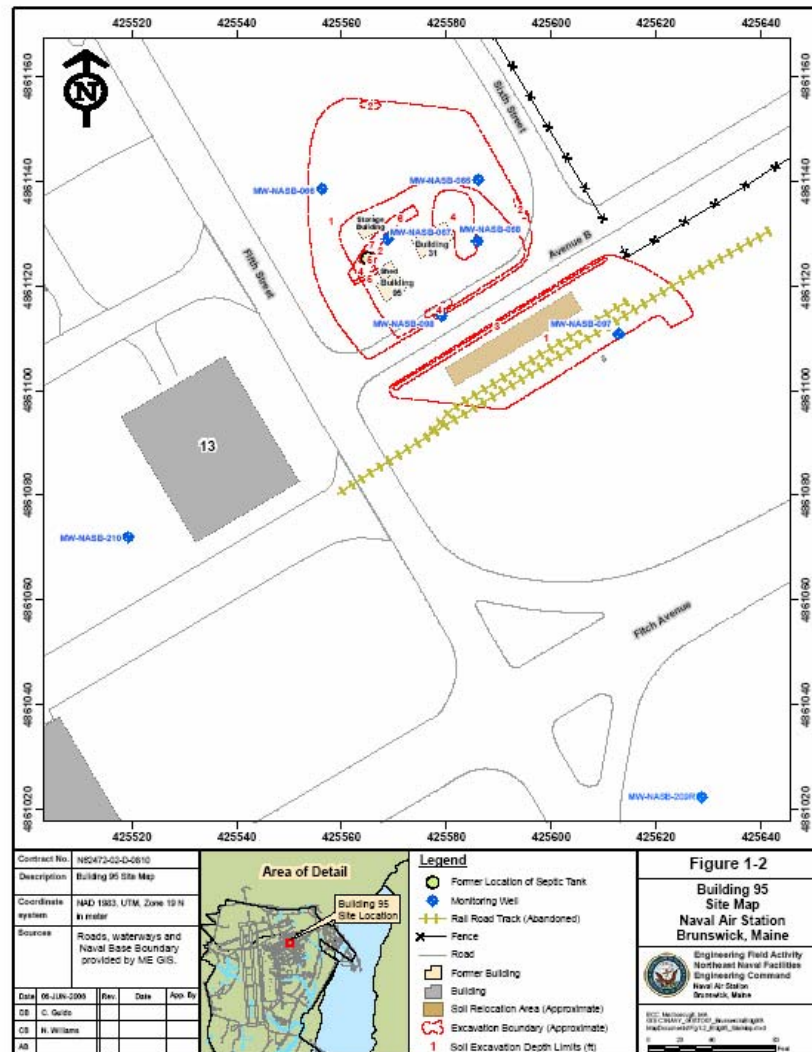
Site 17 RI Work Plan

June 13, 2007

Aerial View of Site 17



Previous remedial actions





View from sixth and Avenue B



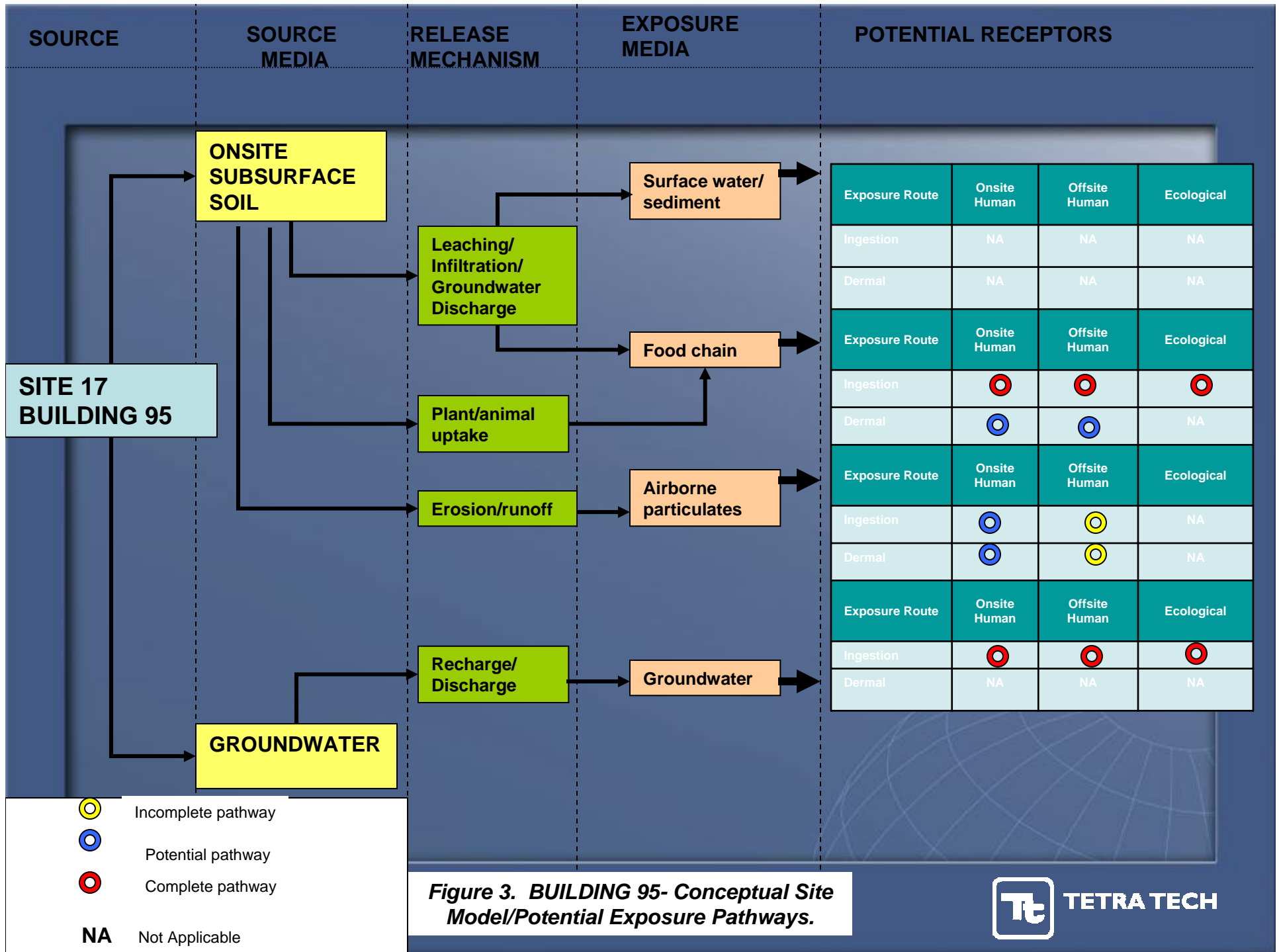
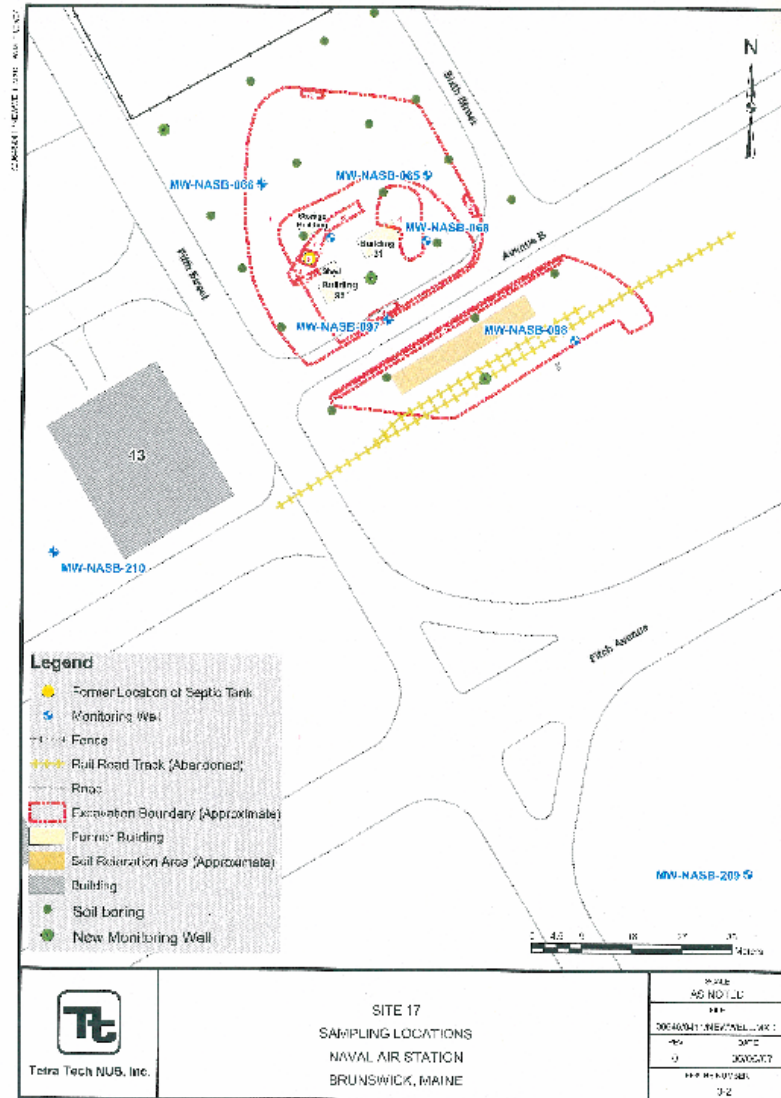


Figure 3. BUILDING 95- Conceptual Site Model/Potential Exposure Pathways.

New Soil Borings and groundwater monitoring wells



SCHEDULE

Work Plan is in Internal Navy Review

Work Plan to the Team on June 18, 2007

Possible field work this fall