

**MINUTES OF MEETING
TECHNICAL REVIEW COMMITTEE MEETING NO. 3
NAVAL TRAINING CENTER
GREAT LAKES, ILLINOIS
JULY 21, 1993**

Technical Review Committee (TRC) meeting No. 3 was held in Building 1 at the Naval Training Center Great Lakes (NTC), on July 21, 1993. The meeting began at 10:00 a.m. and lasted through 12:45 p.m. A copy of the meeting agenda and an attendance list are attached.

INTRODUCTIONS

Lieutenant Randy Ortgiesen opened the meeting by welcoming the participants to NTC. He then introduced Mr. Bob Ogradowski, Staff Civil Engineer with NTC.

Mr. Ogradowski stated that this is the third TRC meeting to be held at NTC. He explained that the objective of the TRC meetings is to keep all interested parties informed of the progress being made by the Navy on environmental projects at NTC. Mr. Ogradowski then requested that the meeting participants introduce themselves. After the introductions were completed, Mr. Ogradowski turned the meeting over to Mr. Mansour Ghiasi, Project Manager with RUST Environment and Infrastructure Inc. (RUST), for a presentation of the results of the Site Inspection (SI) conducted at Pettibone Creek, the Boat Basin, the Inner Harbor, and the Outer Harbor.

SITE INSPECTION AT PETTIBONE CREEK, BOAT BASIN, INNER HARBOR, AND OUTER HARBOR

Mr. Ghiasi began his presentation by briefly describing the areas which were included in the SI. These areas included Pettibone Creek, the Boat Basin, the Inner Harbor, the Outer Harbor, and Lake Michigan.

Mr. Ghiasi then presented the findings of previous investigations conducted at these areas by STS Consultants. Briefly, the conclusion of these previous investigations was that the sediments in the Boat Basin and the Outer Harbor contained elevated levels of semivolatile organic compounds (SVOCs), polychlorinated biphenyls (PCBs), and heavy metals.

Mr. Ghiasi then presented and discussed the analytical results of sediment and surface water samples collected by RUST during the SI. This portion of the presentation lasted for approximately one hour.

Mr. Ghiasi finished his presentation with a discussion of the conclusions of the SI. The major conclusions of the SI were as follows:

1. Boat Basin, Inner Harbor, and Outer Harbor sediment contain elevated concentrations of SVOCs, pesticides, Aroclor 1254 (a PCB), metals, and cyanide.
2. Pettibone Creek sediments contain elevated concentrations of SVOCs, pesticides, and metals, and to a lesser extent, VOCs and Aroclor 1254.
3. Unidentified sources located upgradient of NTC in the City of North Chicago have likely contributed to the contamination now present in Pettibone Creek, Boat Basin, Inner Harbor, and Outer Harbor sediments.
4. Unidentified sources located on NTC property may also be contributors to the contamination present in Pettibone Creek, Boat Basin, Inner Harbor, and Outer Harbor sediments.
5. The proportions of the contaminants now present in Boat Basin, Inner Harbor, and Outer Harbor sediments which originated from off-NTC sources in the City of North Chicago versus sources on NTC property is unknown.
6. There is no evidence to suggest that contaminants have migrated through Lake Michigan and entered the Outer Harbor.
7. Boat Basin, Inner Harbor, Outer Harbor and Lake Michigan surface water quality was found to be of acceptable quality. Pettibone Creek surface water was found to be of poor quality.

Mr. Ogrodowski next gave a brief talk describing the actions taken by the Navy toward the goal of dredging the NTC harbor area. Mr. Ogrodowski highlighted some of the many obstacles which must be overcome before the harbor dredging can occur. A ten minute break was then taken.

After the break Mr. Mark Barnes, an engineer with the Engineering Field Activity (EFA) Midwest, began a presentation regarding interim remedial actions to be implemented at two NTC sites, the Supplside Landfill and the Fire Fighting Training Area.

SUPPLYSIDE LANDFILL

Mr. Barnes began by describing the concept of an interim remedial action. Basically, an interim remedial action is used at sites where expedited actions are needed (1) to remove an imminent health hazard/risk, and (2) to minimize the spread of contamination and damage to the environment. Mr. Barnes explained that all NTC interim remedial actions will be coordinated with federal, state, and local agencies, as well as TRC members. A Navy remediation team will be used to perform the interim remedial action work. The Navy, and its consultants, will provide technical oversight of the work.

The interim remedial action selected for the Supplyside Landfill includes the following components:

1. Design and installation of a leachate collection system.
2. Additional sampling of leachate.
3. Landfill cover repair to include patching with clay and geomembrane, removal of detrimental vegetation, utility pole removal, and sealing of voids around gas vents.

Funding in the amount of \$475,000 has been acquired from the Navy for this work.

FIRE FIGHTING TRAINING AREA

The interim remedial action selected for the Fire Fighting Training Area includes the following components listed in order of priority:

1. Removal of all underground storage tanks (USTs). There are up to nine USTs at the site.
2. Removal of all aboveground storage tanks (ASTs). There are three ASTs at the site.
3. Removal of the oil/water separator.
4. Removal of all underground piping.
5. Isolate the decant ponds.
6. Demolish the fire fighting rings.
7. Demolish the christmas tree vaults.
8. Demolish Building 3404. This demolition will include asbestos removal from the building.
9. Conduct subsurface investigation to include soil borings, soil sampling/testing, and groundwater sampling/testing.

Funding in the amount of \$895,000 has been acquired from the Navy for this work.

Mr. Ogradowski concluded the TRC meeting by thanking the participants for attending.

TECHNICAL REVIEW COMMITTEE
21 JULY 1993
AGENDA

- 1000 Introduction by Staff Civil Engineer.
- 1010 Self introduction by members present.
- 1015 Presentation of SI Report for harbor area.
- 1115 Status of remedial actions at supply side landfill.
Status of the remedial actions at the fire fighting
training areas.
- 1200 Adjournment.

