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**RESTORATION ADVISORY BOARD (RAB) MEETING
NAVAL WEAPONS INDUSTRIAL RESERVE PLANT CALVERTON
RIVERHEAD TOWNHALL, RIVERHEAD, NEW YORK
APRIL 28, 1998**

The Meeting began at 7:30 pm and ended at 9:45 pm. RAB members attending were: community members Warren Voegelin, Herb Golden, Bob Pohlman, Joe Pannone, Jean Mannhaupt, Henry Bookout, Bill Gunther, Sid Bail, Sherry Johnson, Ann Miloski, and Randolph Manning; Andrea Lohneiss and Bob Goodale representing the Town of Riverhead, Ezra Milchman and Marilyn Jordan representing the Nature Conservancy, and Robert Farmer representing the Suffolk County Department of Health Services (SCDHS); and Navy members Judith Hare, Jim Colter, Marty Simonson. Members absent include community members John Quinn, Louis Cork, and Vanie Tuthill and representatives from New York State Department of Environmental Conservation (NYSDEC), New York State Department of Health (NYSDOH), and U.S. EPA Region II.

WELCOME AND AGENDA REVIEW

Judith Hare, the Navy Co-Chair, welcomed everyone to the first RAB meeting for NWIRP Calverton and reviewed the agenda for the meeting. All the RAB members were given copies of the RAB Workbook and minutes from the October 16, 1997 public meeting. The RAB members were encouraged to use the workbooks to keep handouts and other RAB meeting materials. A RAB Workbook will also be available at the Riverhead Free Library, that will be kept up-to-date with RAB meeting materials and meeting minutes. Judith stressed that the purpose of the RAB meetings is to discuss issues pertaining to the Installation Restoration Program (the environmental cleanup of the property) and that the meetings were not a forum for discussing other types of issues. Although important, issues not related to the Installation Restoration Program need to be discussed under the appropriate forum.

INTRODUCTION OF MEMBERS

The RAB members introduced themselves providing their names and where they worked or whom they were representing.

SELECTION OF COMMUNITY CO-CHAIRPERSON

During a recess, the RAB community members elected Sherry Johnson as the Community Co-chair. Back up people for Sherry will be Joe Pannone and Herb Golden.

BOARD RESPONSIBILITIES/OPERATING PROCEDURES/ADMINISTRATIVE ISSUES

Judith provided a presentation on the RAB roles and responsibilities. A copy of the presentation is attached. Judith indicated that the RAB was a forum for discussion and exchange of information between the Navy, the regulatory agencies, and the community on environmental restoration issues. It is not a decision-making process or body; however, the input of the RAB members, including community members, is considered by the decision makers.

RAB members are responsible for providing input to the Navy and the regulatory agencies (NYSDEC, EPA, and SCDHS). They review documents as they become available and consider issues relative to cleanup. Judith outlined the responsibilities of the RAB Community Co-chair (Sherry Johnson), the Navy Co-chair (Judith Hare), and specific responsibilities of the Navy, regulators, and community. As part of the Navy responsibilities, Judith noted that the Navy puts together and distributes the meeting handouts, meeting minutes, and other necessary printed material that go to the RAB members prior to the next RAB meeting. The community members have the responsibility to pass along the information, as necessary, to neighbors, other community members, or organizations.

Along with ensuring that state and Federal standards and regulatory issues are identified and addressed, regulators will often speak on various issues having to do with

the cleanup of the property. This is where the assisting of educating and training of RAB members comes in. Judith indicated that it was very important for all RAB members to attend all RAB meetings. One of the procedural points for the RAB was noted; if a member misses two meetings, the RAB can vote to replace that RAB member with someone who is able to serve on a regular basis. RAB members who can not attend the meeting can provide a substitute; however, the continuity of RAB member attendance is important to the success of the group.

The RAB members were then asked to look at Section 2 of the RAB Workbook - RAB Mission Statement and Operating Procedures. Judith pointed out that this section follows standard protocol for setting up a RAB, but RAB members are encouraged to provide their comments to improve this section. RAB members were asked to provide any comments to Jim Colter by July 1, 1998 so the Navy can put together the comments by the next RAB meeting. At the next RAB meeting, if the mission statement and procedures are acceptable to everyone, then all RAB members will be asked to sign this document to indicate they are in agreement with the mission statement and procedures.

A list of RAB members and their addresses and telephone numbers will be provided in the RAB Workbook in the future. RAB members will be asked to provide their address and telephone number (business or home) so RAB members can contact each other easily. Since the RAB Workbook is a public document, Judith encouraged anyone who had any difficulty with listing their telephone number to talk to Judith after the meeting.

Judith mentioned that other facilities to conduct the RAB meetings would be sought for future meetings since the room at the Riverhead Townhall could not be arranged to fit the RABs needs. Judith asked for suggestions of places to hold the meetings. One suggestion was to hold the RAB meeting at NWIRP Calverton. However, the facilities at NWIRP Calverton may not be available to hold a RAB meeting. Judith said the Navy would look into this suggestion.

OVERVIEW OF THE ENVIRONMENTAL PROGRAM AT NWIRP CALVERTON

Jim Colter then provided a presentation on the environmental program at NWIRP Calverton. A copy of the presentation is provided as an attachment to these meeting minutes. Jim provided an overview of the last 13 years when the Navy became involved in environmental investigations. Jim indicated that the information repository, which is being updated, will contain all the reports related to Navy environmental investigations at NWIRP Calverton. The update of the information repository is expected to be complete in the next couple of weeks.

Since 1985, 15 areas (including the Southern Area) have been identified at NWIRP Calverton that had the potential for environmental concern. These sites are being or have been investigated through the Navy's Installation Restoration (IR) process. Based on investigations to date, it has been determined that no further action is necessary for seven sites (Sites 3, 4, 5, 6B, 6C, 8, and 11). Seven sites are still being investigated in the IR process (1, 2, 6A, 7, 9, 10A, 10B). When Riverhead Township takes over the deed of the property, the land encompassing these seven remaining sites will be retained by the Navy until necessary investigation and remediation are complete.

Currently, the Phase 2 RCRA Investigation Report for Sites 1, 2, and 7 is being reviewed by the regulators. This report will also be provided to the RAB members for their review and comment. Because this report is a Phase 2 report, it is based on previous work conducted at these site. RAB members may therefore need to go to the library and review reports for the previous work to come up to speed on the investigations at these sites. The suggested process for community RAB members to provide their comments is through Sherry (the Community Co-chair). Sherry can then contact Jim or Judith. Comments on the RAB mission statement or procedures should be sent to Jim.

DISCUSSION OF FUTURE MEETING TOPICS

It was suggested that a tour of the facility would be good to acquaint the RAB members with the site. One topic suggested was the ranking of the different projects at NWIRP

Calverton and how the ranking was determined. Also, the RAB members would vote at the next meeting on the procedures provided in Section 2 of the RAB Workbook.

In addition to meeting topics, there was also a suggestion to meet more regularly than quarterly. The Navy indicated that it may not be feasible to conduct a RAB meeting more than once a quarter. The community RAB members were encouraged to meet on their own as necessary to review reports and put comments together. Also a suggestion was made to have a separate set of documents for the RAB members to use in addition to the set of documents in the information repository at the library. This will be looked into by the Navy.

CLOSING REMARKS

In closing, Judith thanked everyone for participating on the RAB.

ATTACHMENTS

- Agenda
- Presentation of Restoration Advisory Board (RAB) Roles and Responsibility Presentation
- Presentation of Overview of Navy's Installation Restoration (IR) Program at NWIRP Calverton Presentation

Agenda

Restoration Advisory Board Naval Weapons Industrial Reserve Plant Calverton

**April 28, 1998
Riverhead Townhall - Riverhead, NY
7:30 p.m.**

Welcome and Agenda Review

Judithanne Hare
Naval Air Systems Command

Introduction of Members

All Members

Selection of Community Co-chairperson

Community Members

Board Responsibilities/Operating Procedures/Administrative Issues

Judithanne Hare
Naval Air Systems Command

Overview of the Environmental Program at NWIRP

Jim Colter
Naval Facilities Engineering Command - Northern Division

Discussion of Future Meeting Topics

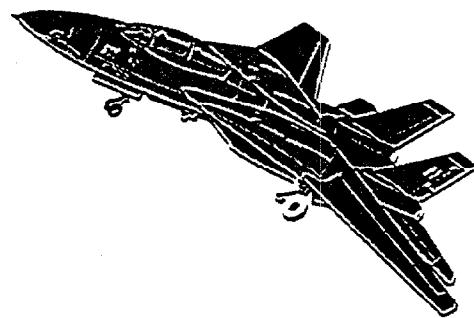
All Members

Closing Remarks

Judithanne Hare
Naval Air Systems Command

Presenters will be available after the program for questions.

Naval Weapons Industrial Reserve Plant, NWIRP, Calverton



Restoration Advisory
Board (RAB)
Roles and
Responsibilities

Review: What is a RAB?

- A forum for discussion and exchange of information between the Navy, regulatory agencies, and the community on environmental restoration topics
- It is NOT a decision-making body, members provide input as individuals
- Made up of representatives from the community and government agencies
- All members are equal
- Jointly operated: Navy and Community



Responsibilities of the RAB (General)

- Provide input to the Navy and regulatory agencies (NYSDEC, EPA, and SCDHS)
- Review and evaluate documents
- Consider important issues related to cleanup such as:
 - Cleanup levels
 - Waste management
 - Remedial action alternatives
- Conduct regular meetings that are open to the public



Co-Chair Assignments

- Navy Co-Chair
 - Assigned by Navy
 - Judithanne Hare - Naval Air Systems Command
- Community Co-Chair
 - Elected by Community
 - To be determined



Responsibilities of Community Co-Chair

- Coordinate with the Navy Co-chair to prepare agenda prior to each meeting
- Ensure that community members participate in an open and constructive manner
- Ensure that community issues and concerns related to cleanup are brought to the table and that the RAB has the opportunity to provide input into the decision process
- Report back to the community



Responsibilities of Navy Co-Chair

- Coordinate with the Community Co-chair to prepare agenda prior to each meeting
- Ensure that the Navy participates in an open and constructive manner
- Ensure that the RAB has the opportunity to provide input into the decision process
- Refer non-environmental issues to appropriate officials



Specific Responsibilities

- Navy
 - Provide logistical/administrative support for operating the RAB
- Regulators (NYSDEC, EPA, and SCDHS)
 - Ensure that state and federal standards and regulatory issues are identified and addressed
 - Assist in educating and training RAB members
- Community
 - Act as liaison between the RAB and community



Responsibilities of All Members

- Attend all meetings
- Review and comment on reports and issues
- Report back to the organization or community you represent
- Ensure your organization or community's issues are brought forward



**OVERVIEW OF NAVY'S INSTALLATION
RESTORATION (IR) PROGRAM
AT NWIRP CALVERTON**

**prepared by
Northern Division, Naval Facilities
Engineering Command**

April 28, 1998

CREATION OF THE NAVY'S IR PROGRAM

- ◆ **Although acceptable for many years, the old industrial processes and ways of handling wastes are now known to be potentially damaging to the environment**
- ◆ **In 1975, the Department of Defense (DOD) took the first step to create a program to identify and clean up environmental problems at federal facilities**

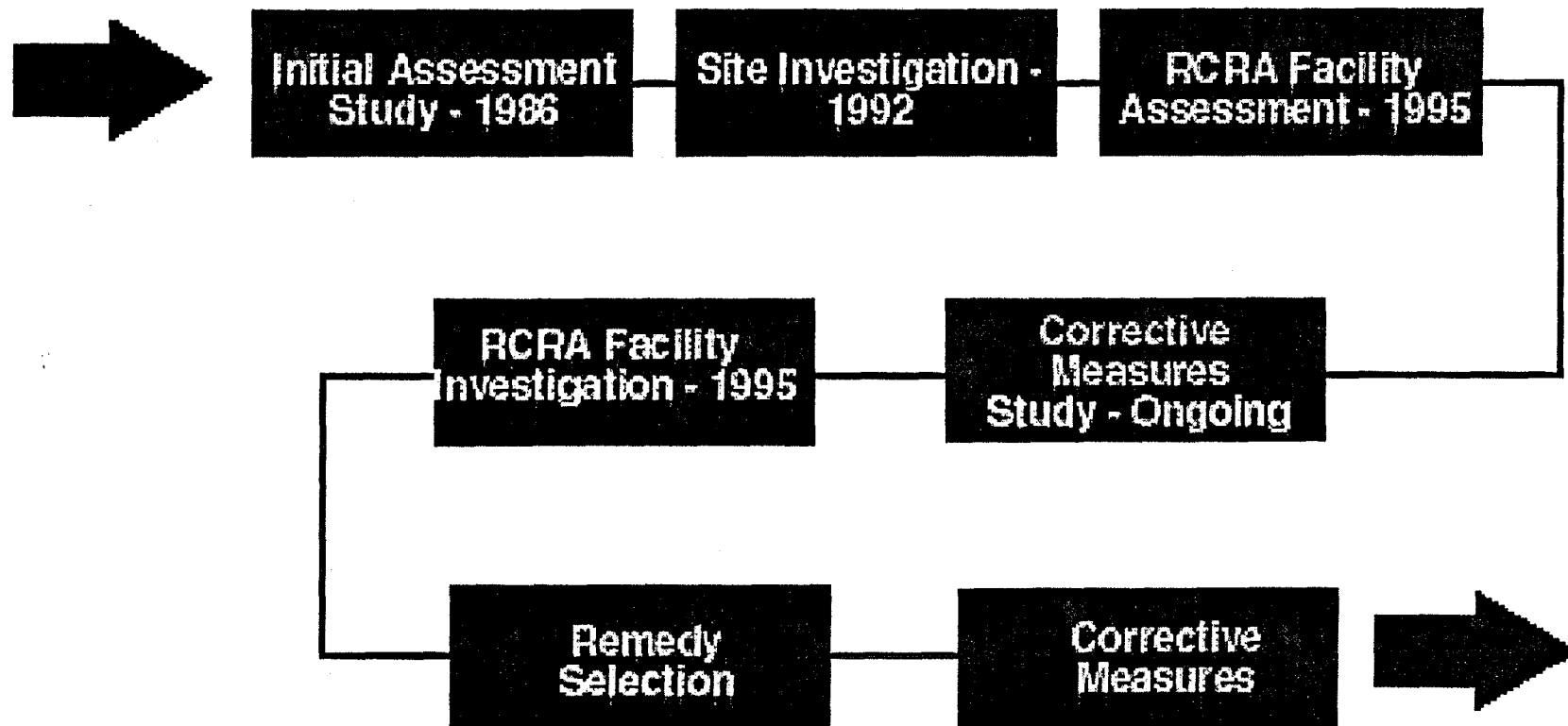
CREATION OF THE NAVY'S IR PROGRAM (Continued)

- ◆ **In 1980, Congress enacted the Comprehensive Environmental Response, Compensation and Liability Act (CERCLA) to address historic hazardous waste disposal and spill sites**
- ◆ **CERCLA consists of the following stages:**
 - * **Preliminary Assessment (PA)**
 - * **Site Investigation (SI)**
 - * **Remedial Investigation (RI)**
 - * **Feasibility Study (FS)**
 - * **Record of Decision (ROD)**
 - * **Remedial Design (RD)**
 - * **Remedial Action (RA)**

NAVY'S IR PROCESS AT NWIRP CALVERTON

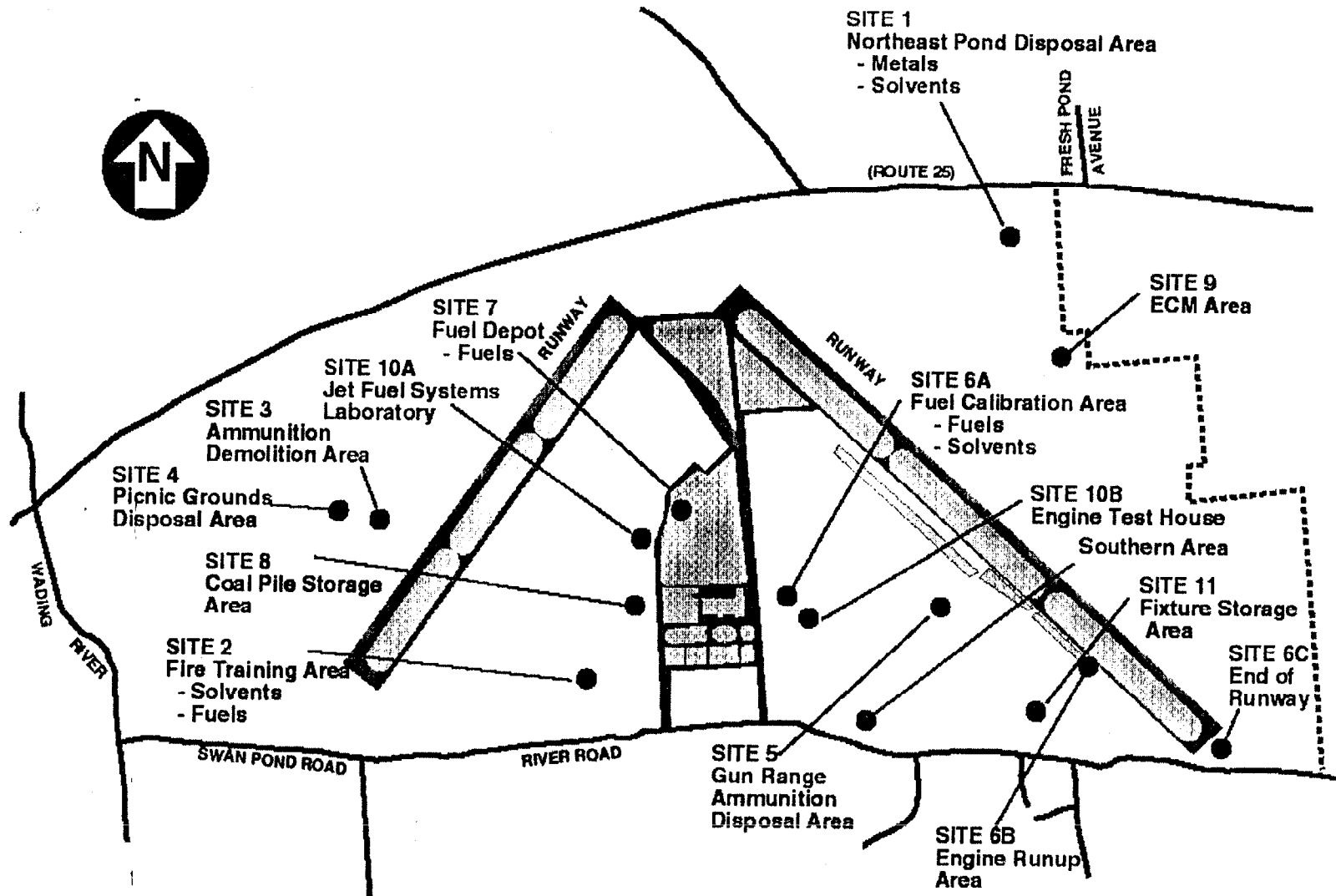
- ◆ **The Navy commenced CERCLA investigations at NWIRP Calverton in 1985**
- ◆ **In 1992, NWIRP Calverton was issued Federal and State RCRA Operating Permits, therefore the Navy's IR Program shifted from CERCLA to RCRA authority**
- ◆ **The goals of the Navy's IR Program under either authority are the same; that is to determine nature and extent of contamination**
- ◆ **The main difference is the titles of the various documents (RFA vs. SI; RFI vs. RI; CMS vs. FS)**

NAVY'S IR PROCESS AT NWIRP CALVERTON



NWIRP CALVERTON

SITE MAP (All Sites)



NWIRP CALVERTON IR PROGRAM (Historic)

◆ INITIAL ASSESSMENT STUDY (IAS) - 1986

– Discussed 8 Sites

- » Site 1 - Northeast Pond Disposal Area**
- » Site 2 - Fire Training Area**
- » Site 3 - Ammo Demolition Area**
- » Site 4 - Picnic Grounds Disposal Area**
- » Site 5 - Gun Range Ammo Area**
- » Site 6a - Fuel Calibration Area**
- » Site 6b - Engine Runup Area**
- » Site 6c - End of Runway 32-14**

– Recommended No Further Action for Sites 3 & 5

– Recommended a Site Investigation for the rest

NWIRP CALVERTON IR PROGRAM (Historic)

◆ SITE INVESTIGATION (SI) - 1992

- Investigated Sites 1, 2, 4, 6a, 6b, 6c**
- Added Site 7 - Fuel Depot**
- Recommended No Further Action for Sites 4, 6b&6c**
- Remedial Investigation Recommended at Sites 1, 2, 6a & 7 - sampling revealed evidence of contamination**

NWIRP CALVERTON IR PROGRAM (Historic)

- ◆ **FEDERAL & STATE RCRA PERMITS ISSUED - 1992
SWITCHED AUTHORITY FROM CERCLA TO
RCRA**
- ◆ **RCRA FACILITY ASSESSMENT (RFA) WORKPLAN
APPROVED IN JUNE 1993** - For 4 NW sites identified by regulators
 - Answers the question “Is this suspected area of any environmental concern?”
- ◆ **RCRA FACILITY INVESTIGATION (RFI)
WORKPLAN APPROVED IN JULY 1993**
 - Delineates the nature and extent of an area where contamination has been confirmed in any media (i.e. soil, groundwater, surface water, sediment)

NWIRP CALVERTON IR PROGRAM (Historic)

◆ CONDUCTED RFA FIELDWORK DURING 1994

- Addressed four new sites**

- » Site 8 - Coal Pile Storage Area**

- » Site 9 - Electronics Countermeasures (ECM) Area**

- » Site 10 - Various Cesspools/Leachfields**

- » Site 11 - Fixture Storage Area**

◆ RFA REPORT - FINALIZED IN MARCH 1995

- Recommended an RFA Addendum for Sites 8, 9 & 10 to conduct additional media sampling**

- Recommended No Further Action for Site 11**

NWIRP CALVERTON IR PROGRAM (Historic)

- ◆ **CONDUCTED RFI FIELDWORK DURING 1994
CONCURRENTLY WITH RFA FIELDWORK**
 - **Investigated the “Main Sites”**
 - » **Site 1 - Northeast Pond Disposal Area**
 - » **Site 2 - Fire Training Area**
 - » **Site 6a - Old Fuel Calibration Area**
 - » **Site 7 - Fuel Depot**
- ◆ **RFI REPORT - FINALIZED IN AUGUST 1995**
 - **Based on regulatory comments, concluded that
enough data gaps existed to warrant a Phase II RFI**

NWIRP CALVERTON IR PROGRAM (Historic)

◆ OCTOBER 1995

- Finalized Workplan for RFA Addendum**
 - » Added new site at “Southern Area”**

◆ CALENDAR YEAR 1996

- Conducted RFA Addendum Fieldwork**
- Initiated Preparation of RFA Addendum Report**
- Initiated Preparation of Phase II RFI Workplan**
- Conducted Pilot Study at Site 2**
 - » To assess Air Sparging/Soil Vapor Extraction as a technology to address the most contaminated soil and shallow groundwater**

NWIRP CALVERTON IR PROGRAM (Historic)

◆ JANUARY 1997 - FINALIZED RFA ADDENDUM REPORT

- Recommended No Further Action for Site 8**
- Confirmed groundwater contamination at Site 9 (mostly off-site and low-level)**
- Confirmed groundwater contamination at Site 10a - Jet Fuel Systems Lab**
- Confirmed soil contamination at Site 10b - Engine Test House**
- Recommended that an RFI be conducted at Sites 9, 10a & 10b to delineate extent**
- Recommended NFA at Southern Area**

NWIRP CALVERTON IR PROGRAM (Historic)

◆ JANUARY 1997 - FINALIZED WORKPLAN FOR PHASE II RFI:

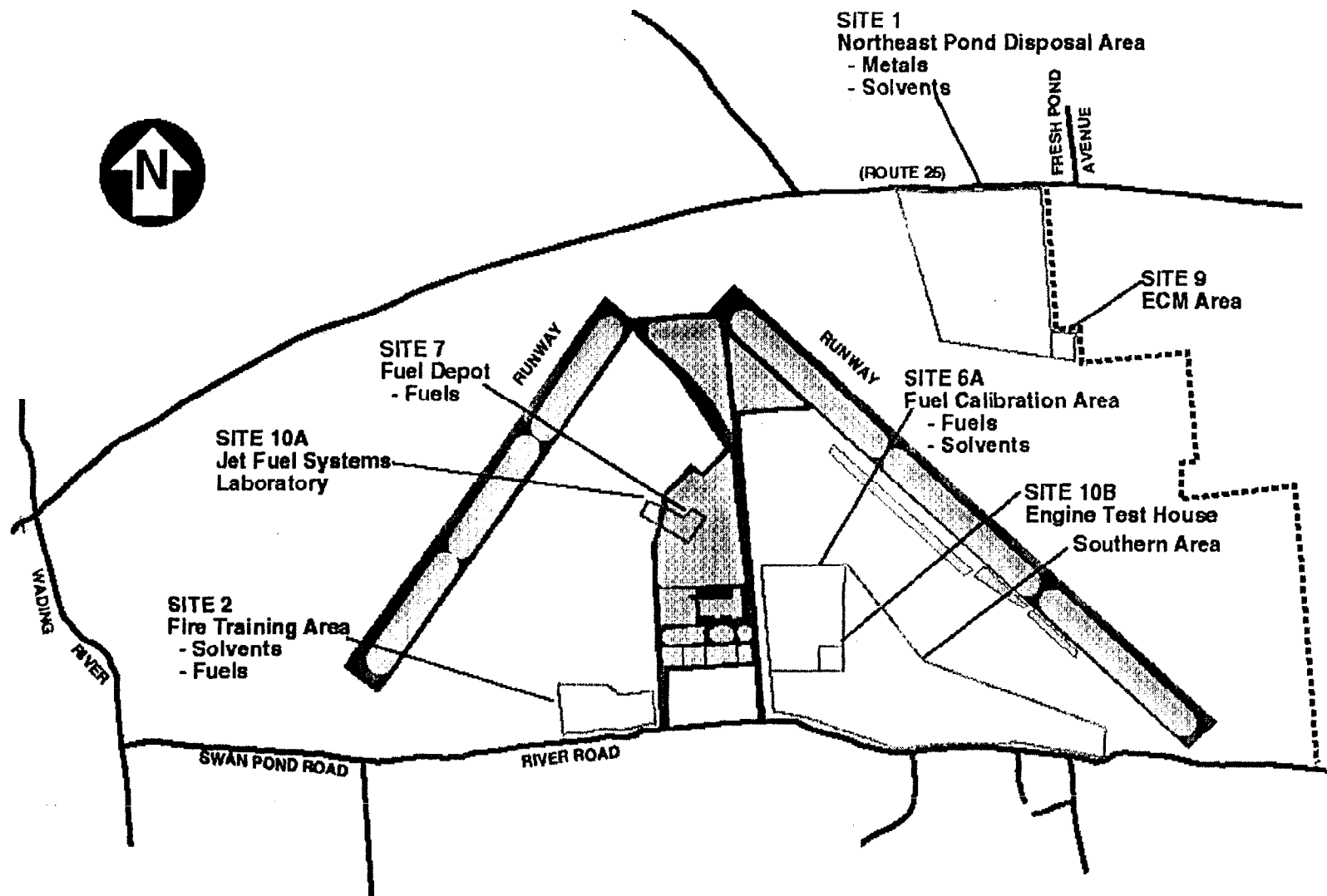
- * Site 1**
- * Site 2 (Including Off-Site @ Golf Course)**
- * Site 6a**
- * Site 7**
- * Site 9**
- * Site 10a**
- * Site 10b**

◆ CALENDAR YEAR 1997 - CONDUCTED FIELDWORK FOR PHASE II RFI

- * Southern Area - Reinstated based on information provided by SCDHS**

NWIRP CALVERTON

SITE MAP (Currently Under Investigation)



NWIRP CALVERTON IR PROGRAM

(Where We Are Today)

◆ PHASE II RFI REPORTS

- Separated into two documents**

- » Draft Phase II RFI - Sites 1, 2 and 7**

- * Submitted for comment on 19 Jan 98**

- * Comment Period ended 20 Feb 98**

- * Only regulator response was EPA Region 2**

- » Rough Draft Phase II RFI - Sites 6a, 10a, 10b and Southern Area**

- ◆ Site 9 - No Report due to the Navy being denied access by the property owner**

- ◆ AS/SVE system continues to operate at Site 2 with periodic shutdown during winter months**

WHAT'S NEXT?

◆ FINALIZE THE PHASE II RFI REPORTS

- Anticipate RAB input**
- Timeframe to finalize will encompass most of 1998**

◆ COMPLETE CORRECTIVE MEASURES STUDY

- Anticipate RAB input**
- Will prepare on a Site-by-Site basis as concurrence is obtained regarding completion of RFI Phase**
- Timeframe from preparation of Rough Draft to Final is typically 6 - 9 months per report**

◆ PREPARE DECISION DOCUMENTS

◆ IMPLEMENT REMEDIAL DESIGNS AND REMEDIAL ACTIONS AT THOSE SITES WHERE REMEDIATION IS APPROPRIATE

QUESTIONS

AND

ANSWERS