
Community Relations Plan

for the

Naval Weapons Industrial Reserve Plant

Bethpage, NY



Northern and Chesapeake Divisions

Contract N62472-90-D-1298 CTO 0003

August 1992

Prepared By:



HALLIBURTON NUS
Environmental Corporation



661 ANDERSEN DRIVE PITTSBURGH, PENNSYLVANIA 15220 (412) 921-7090

C-49-08-2-018

August 7, 1992

Mr. Frank Klanchar
Remedial Project Manager

Naval Facilities Engineering Command
Northern Division, Code 1423
10 Industrial Highway, MS#82
Lester, Pennsylvania 19113-2090

Reference: CLEAN Contract No. N62472-90-D-1298
Contract Task Order No. 0003

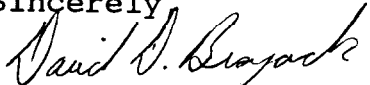
Subject: Community Relations Plan
NWIRP Bethpage, New York

Dear Mr. Klanchar:

HALLIBURTON NUS Environmental Corporation is pleased to submit ten copies of the subject report for your use. This report incorporates your verbal comments of July 31, 1992.

If have any questions or require additional information, please call me at (412) 921-8375.

Sincerely,


David D. Brayack, P.E.
Project Manager

/DDB

cc: Mr. R. Boucher (Navy) w/o attachment
Mr. D. Rule (Navy) w/o attachment
Mr. J. Trepanowski (HNUS)
Ms. D. Wroblewski (HNUS)
Ms. P. Patton (HNUS) w/o attachment



661 ANDERSEN DRIVE PITTSBURGH, PENNSYLVANIA 15220 (412) 921-7090

R-49-8-92-3

**COMMUNITY RELATIONS PLAN
NAVAL WEAPONS INDUSTRIAL RESERVE PLANT
BETHPAGE, NEW YORK**

**COMPREHENSIVE LONG-TERM
ENVIRONMENTAL ACTION NAVY (CLEAN) PROGRAM**


**Submitted to:
Northern Division
Environmental Branch, Code 1423/FK
Naval Facilities Engineering Command
10 Industrial Highway, MS #82
Lester, Pennsylvania 19113**

**Submitted by:
HALLIBURTON NUS Environmental Corporation
661 Andersen Drive
Pittsburgh, Pennsylvania 15220**

**Contract No. N62472-90-D-1298
Contract Task Order Number 0003**

August 1992

SUBMITTED FOR HALLIBURTON NUS BY:



**DAVID D. BRAYACK, P.E.
PROJECT MANAGER**

APPROVED BY:



**JOHN J. TREPANOWSKI, P.E.
PROGRAM MANAGER**

CONTENTS

<u>SECTION</u>		<u>PAGE</u>
1.0	INTRODUCTION	1-1
2.0	SITE BACKGROUND	2-1
	2.1 Overview	2-1
	2.2 Investigation and Concerns	2-1
	2.2.1 U.S. Navy	2-5
	2.2.2 Grumman Corporation	2-10
3.0	COMMUNITY RELATIONS HISTORY	3-1
	3.1 U.S. Navy	3-1
	3.2 Grumman Corporation	3-2
4.0	COMMUNITY ISSUES AND CONCERNS	4-1
5.0	COMMUNITY RELATIONS OBJECTIVES AND TECHNIQUES	5-1
	5.1 Objectives	5-1
	5.2 Techniques	5-1
	5.2.1 Public Meetings	5-1
	5.2.2 Public Information Dissemination	5-1
	5.2.3 Community Interviews	5-2
	5.2.4 Technical Review Committee	5-2
	5.2.5 Additional Techniques if Needed	5-2
6.0	COMMUNITY RELATIONS SCHEDULE	6-1
7.0	COMMUNITY RELATIONS PLAN IMPLEMENTATION	7-1
	7.1 Roles	7-1
	7.2 Responsibilities	7-1
REFERENCES	R-1
APPENDICES		
Appendix A	Acronyms and Abbreviations	A-1
Appendix B	List of Interested Parties	B-1
Appendix C	Community Interview Questionnaire	C-1

LIST OF FIGURES

<u>FIGURE</u>		<u>PAGE</u>
2-1	General Location Map	2-2
2-2	Site Location Map	2-3
2-3	General Layout of Facilities	2-4
2-4	Site 1 - Former Drum Marshaling Areas	2-6
2-5	Site 2 - Recharge Basins	2-8
2-6	Site 3 - Salvage Storage Area	2-9
6-1	NWIRP Bethpage Community Relations Milestones . . .	6-2

1.0 INTRODUCTION

This Community Relations Plan (CRP) will discuss public involvement activities related to the Remedial Investigation (RI) of the Naval Weapons Industrial Reserve Plant (NWIRP) site in Bethpage, Long Island. This work is being performed by HALLIBURTON NUS under Contract N62472-90-D-1298, Contract Task Order #0003. The goal of the CRP is to develop an understanding of the community's perspective of the site and to keep the community involved and informed of the progress of the RI. The objective of the RI is to characterize the nature and extent of environmental contamination and the potential risks to human health and the environment.

This CRP has three objectives: to set up channels for communicating information to the public, to provide opportunities for citizens to express their concerns, and to solicit input from the public. The CRP identifies mechanisms to facilitate the communication of necessary technical information and concerns between the Navy and the public in an effort to help the community fully understand the progress and results of the RI. It is important to understand that the CRP should be dynamic to reflect the technical progress of the site investigation while being flexible enough to meet the needs and concerns of the community. Because of this, the CRP must periodically be reviewed and revised.

The CRP outlines the objectives of community relations activities and presents the techniques which will be used to meet those objectives. A standard CRP includes a summary site description, background site history and community relations history, any issues and concerns voiced by the community, community relations objectives, and the techniques which will be used to meet those objectives. The CRP generally outlines a preliminary schedule of activities, defines roles and responsibilities for plan implementation, and lists interested and affected parties.

2.0 SITE BACKGROUND

2.1 OVERVIEW

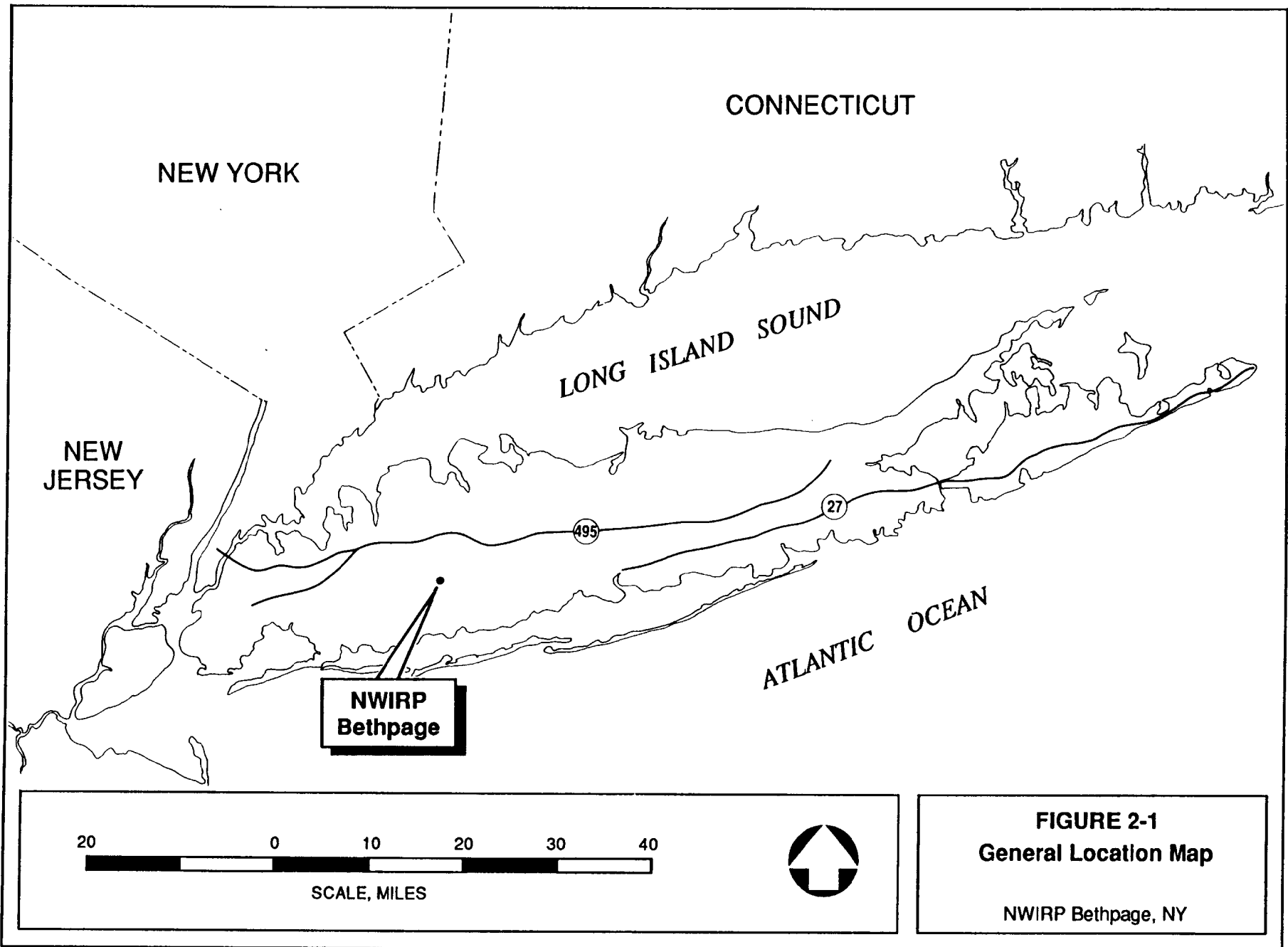
The Naval Weapons Industrial Reserve Plant is located in the Hamlet of Bethpage, an unincorporated community in the Town of Oyster Bay in Nassau County, New York (Figure 2-1). Bethpage is a small community (3.55 square miles with a 1990 population of 16,689) and serves as a bedroom community for New York City (Figure 2-2).

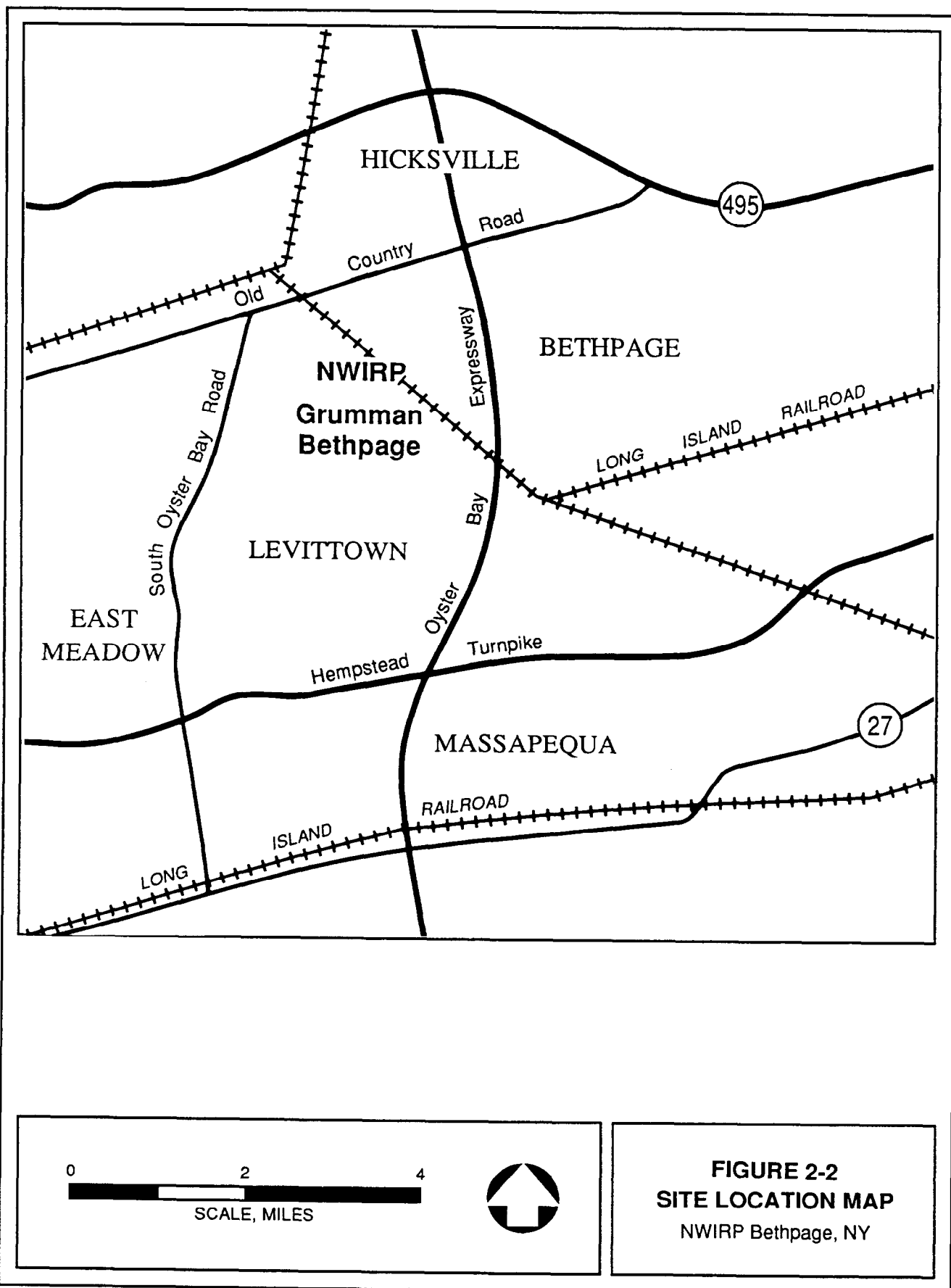
The 108-acre NWIRP Bethpage site is almost completely surrounded by the 505-acre Grumman Corporation (Grumman) site. NWIRP Bethpage is bordered on the north, west, and south by Grumman facilities and on the east by a residential neighborhood (Figure 2-3). NWIRP Bethpage is a government owned/contractor operated (GOCO) facility and falls under the cognizance of Naval Air Systems Command. The Defense Logistics Agency (DLA) provides on-site administration and acts as the Department of Defense's liaison with Grumman. Remediation efforts are underway at both sites. Immediately adjacent to Grumman is the Hooker/RUCO Superfund site; this site is under EPA oversight and is administratively unrelated to either NWIRP Bethpage or Grumman.

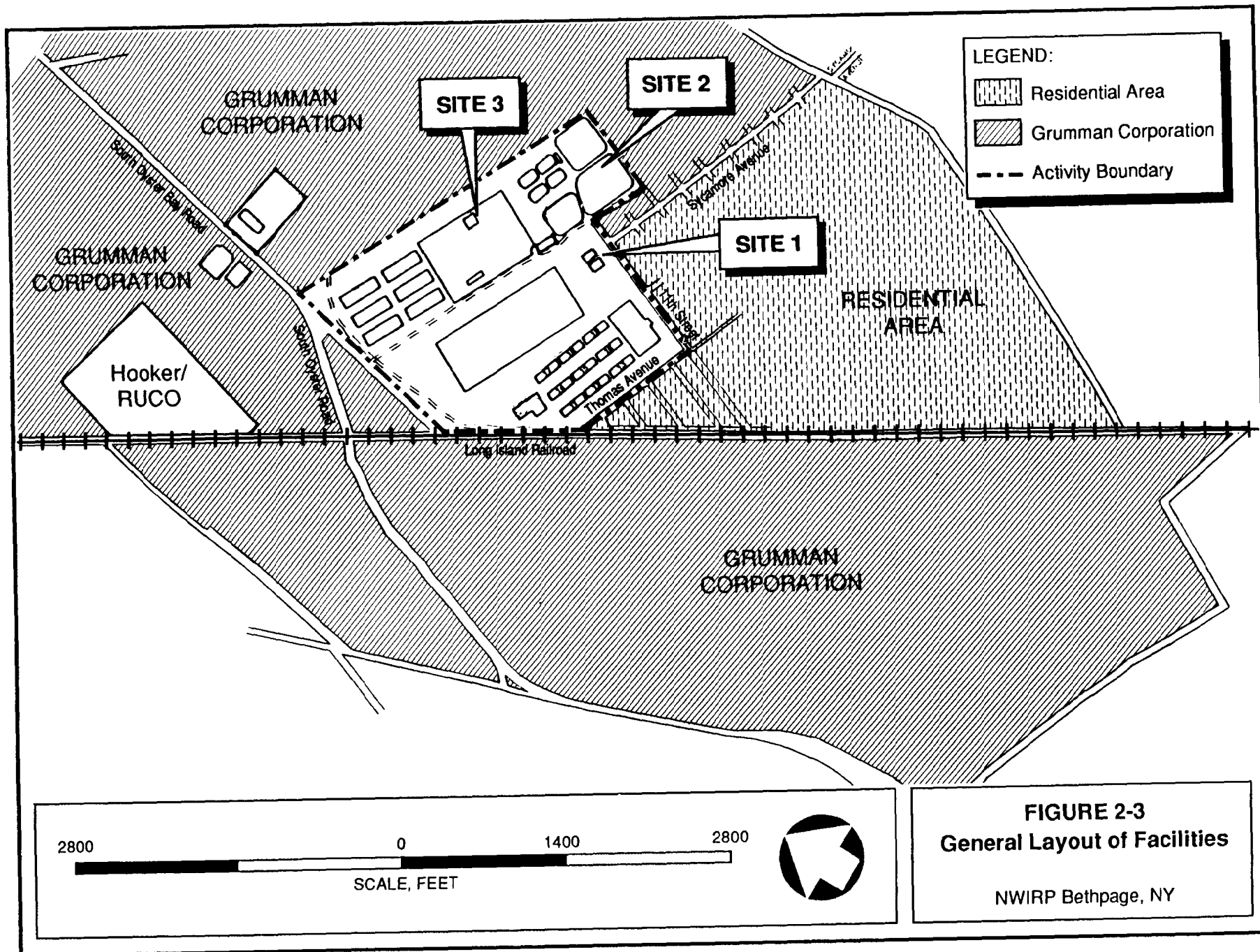
Established in 1933, NWIRP Bethpage had as its primary mission the assembly of military aircraft. This has included research, prototyping, testing, design engineering, and fabrication of military aircraft. These activities involve the use of a number of industrial chemicals and materials. Plant operations generate various chemical and nonchemical wastes, which are managed currently at EPA-approved disposal, storage, and treatment areas both on and off the site. On-site NWIRP Bethpage facilities include: four plants for assembly and prototype testing, two warehouse complexes, a salvage storage area, water recharge basins, an Industrial Wastewater Treatment Plant (for processing chemical effluent from the activity's manufacturing operations), and several smaller support buildings.

2.2 INVESTIGATION AND CONCERNS

Investigations are being conducted at NWIRP Bethpage, Grumman, and the adjacent Hooker/RUCO Superfund site to determine the nature and extent of groundwater contamination. The primary contaminant of concern in the groundwater is trichloroethene (TCE), a volatile organic compound. The U.S. Geologic Survey and the Nassau County Health Department have conducted a groundwater study in the vicinity of these sites in an effort to determine the source and extent of groundwater contamination. As this study did not provide sufficient information to serve as a basis for remedial action, additional investigation is needed to understand the nature and







extent of potential contamination. Additional investigations at the Grumman and NWIRP Bethpage sites are described below.

2.2.1 U.S. Navy

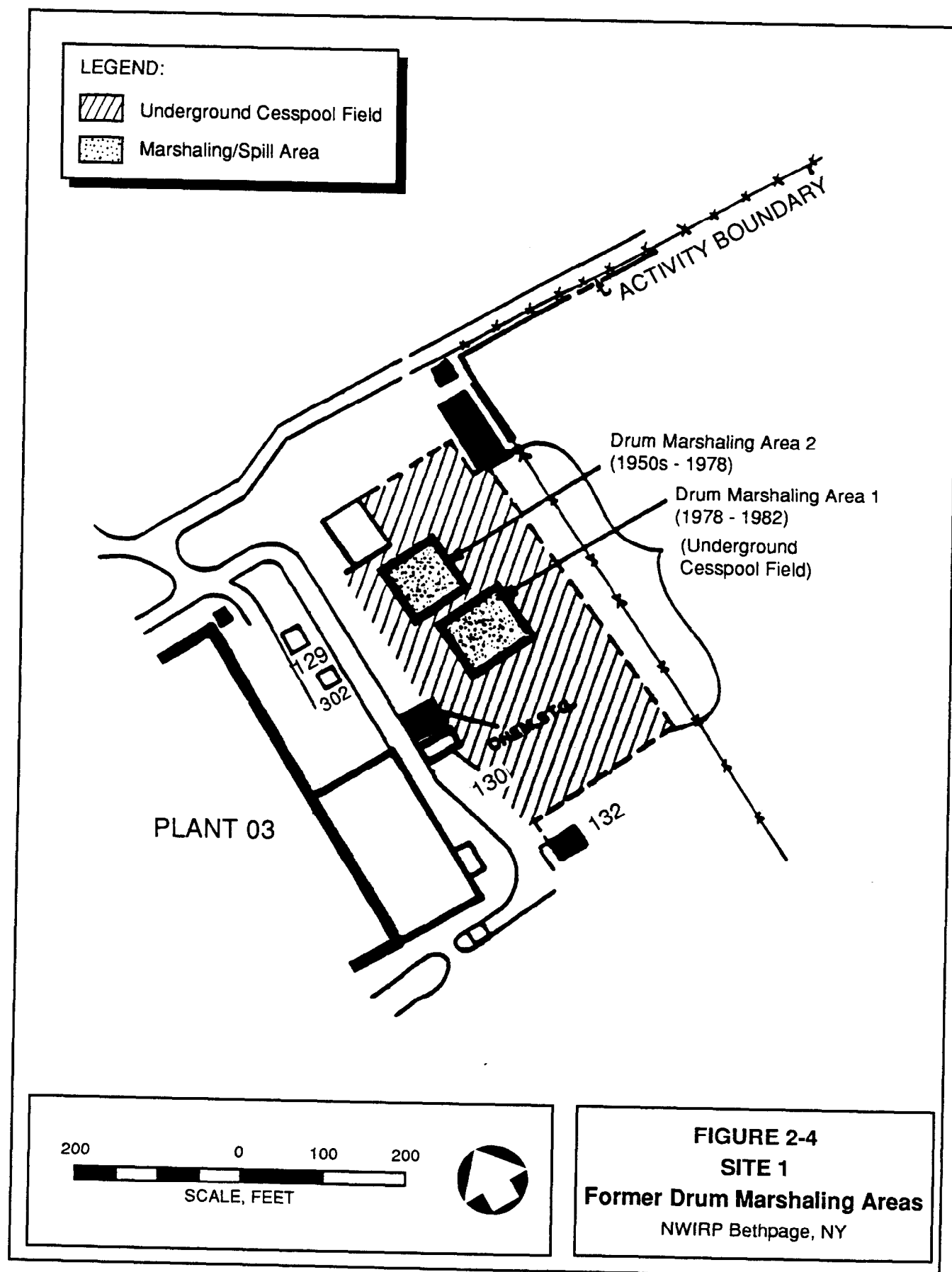
The Navy's Installation Restoration (IR) Program provides the authority to the conduct remedial investigation underway at NWIRP Bethpage. The IR Program is designed to identify contamination of Navy and Marine Corps facilities and lands resulting from past operations and to institute corrective measures. There are four phases to this program: Phase I is the Preliminary Assessment (formerly known as the Initial Assessment), Phase II is the Site Investigation; Phase III is the Remedial Investigation/Feasibility Study (RI/FS); and Phase IV is the Remedial Action, which encompasses cleanup or control of the site. The Navy is working with the New York State Department of Environmental Conservation (NYSDEC) in the effort to comply with state regulations. This site is listed by the NYSDEC as a Class 2 site in the Registry of Inactive Hazardous Waste Disposal Sites in New York. This designation is assigned to sites which pose a significant threat to public health and the environment.

2.2.1.1 Past Investigations

In 1986 an Initial Assessment Study (IAS) (RGH 1986) was conducted for NWIRP Bethpage. The purpose of the IAS was to identify and assess areas of concern posing a potential threat to human health or to the environment due to contamination from past hazardous material operations. Based on historical records, aerial photographs, field inspections, and personnel interviews, three potentially contaminated areas were identified. These three areas, currently under investigation during the RI/FS phase as potential sources of contamination, are the former drum marshaling area, the recharge basin area, and the salvage storage area. These sites are described in greater detail below.

Site 1 - Former Drum Marshaling Areas (Figure 2-4)

Starting in 1969, hazardous waste management practices for Grumman included the marshaling of drummed wastes at NWIRP Bethpage. Storage first took place on a cinder-covered surface over the cesspool field. In 1978 the area was moved a few yards to a 100-by-100-foot concrete pad without a cover (a cover was added in 1983) and without berms for spill containment. At any one time there were 200 to 300 drums stored at this site. The stored materials included halogenated and nonhalogenated solvents, cadmium, and cyanide. In 1982 all of the drummed waste was transferred off site by a private contractor. Presently, drums are marshaled on site in an area located next to the salvage storage area. This area is operated in accordance with the requirements of the facility's waste management permit, and all marshaled wastes are properly transferred off site by a private contractor.



Site 2 - Recharge Basins (Figure 2-5)

Surface water drainage on Long Island is locally controlled through numerous recharge basins used to channel surface water back to groundwater. There are several such basins at NWIRP Bethpage. Prior to 1984, Plant 03 production line rinse waters which had been exposed directly to chemicals were discharged to the recharge basins. According to a 1976 Environmental/Energy Survey for NWIRP Bethpage as outlined in the IAS, 1.85 million gallons/week were discharged. In addition, since about 1977, approximately 14 million gallons/week of noncontact cooling water have been discharged to the basins. Currently, the Industrial Wastewater Treatment Plant collects and treats all chemically contaminated discharges. Adjacent to the recharge basins are the former sludge drying beds where sludge from Plant 02 was dewatered prior to off-site disposal. Contaminants of concern include hexavalent (and other valence) chromium, aluminum, nitric acid, and sulfuric acid. Sampling performed by the Nassau County Department of Health detected levels of hexavalent chromium in excess of allowable limits (RGH 1986).

Site 3 - Salvage Storage Area (Figure 2-6)

From the early 1950s through 1969, fixtures, tools, and metallic wastes were stored at the salvage storage area prior to recycling. These wastes included titanium and aluminum scraps and shavings which could potentially have dripped cutting oils. In both 1960 and 1970 the salvage storage area was moved to accommodate the expansion of parking facilities. In addition to salvage storage, this area included a 100-by-100-foot area used for drum marshaling (see Site 1 above). Contaminants of concern for this site include halogenated and nonhalogenated solvents, cutting oils, aluminum, and titanium.

2.2.1.2 Current Investigations

The Navy is currently in the RI/FS phase of the IR Program. The RI portion consists of gathering and analyzing technical data in an effort to understand the nature and extent of contamination and evaluate risks to human health and the environment. The FS portion evaluates alternative methods for the most efficient and effective remediation of the site.

The RI assesses contamination by collecting samples of various media including: soil-gas, soil, sediments, surface water, and groundwater. These data are being collected in two phases. Phase I, which consisted of on-site sampling and focused on the three sites listed above, was completed in spring of 1992 and presented in the Phase I RI Report. This report is available to the public in the Navy's Information Repository located at the Bethpage Public Library.

LEGEND:



Recharge Basin

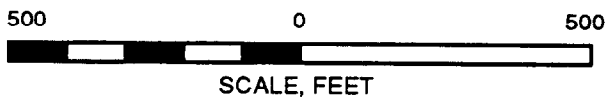
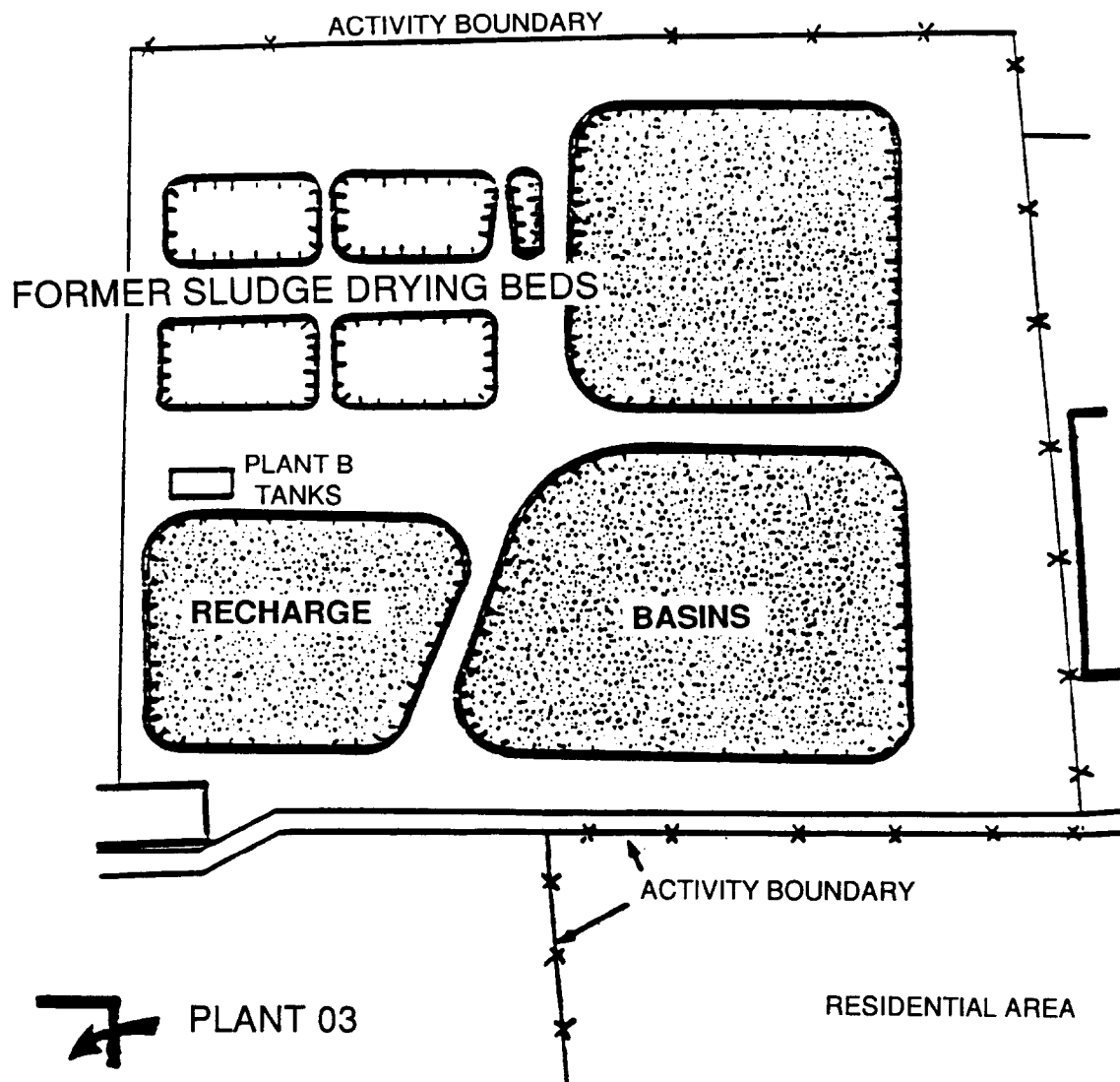

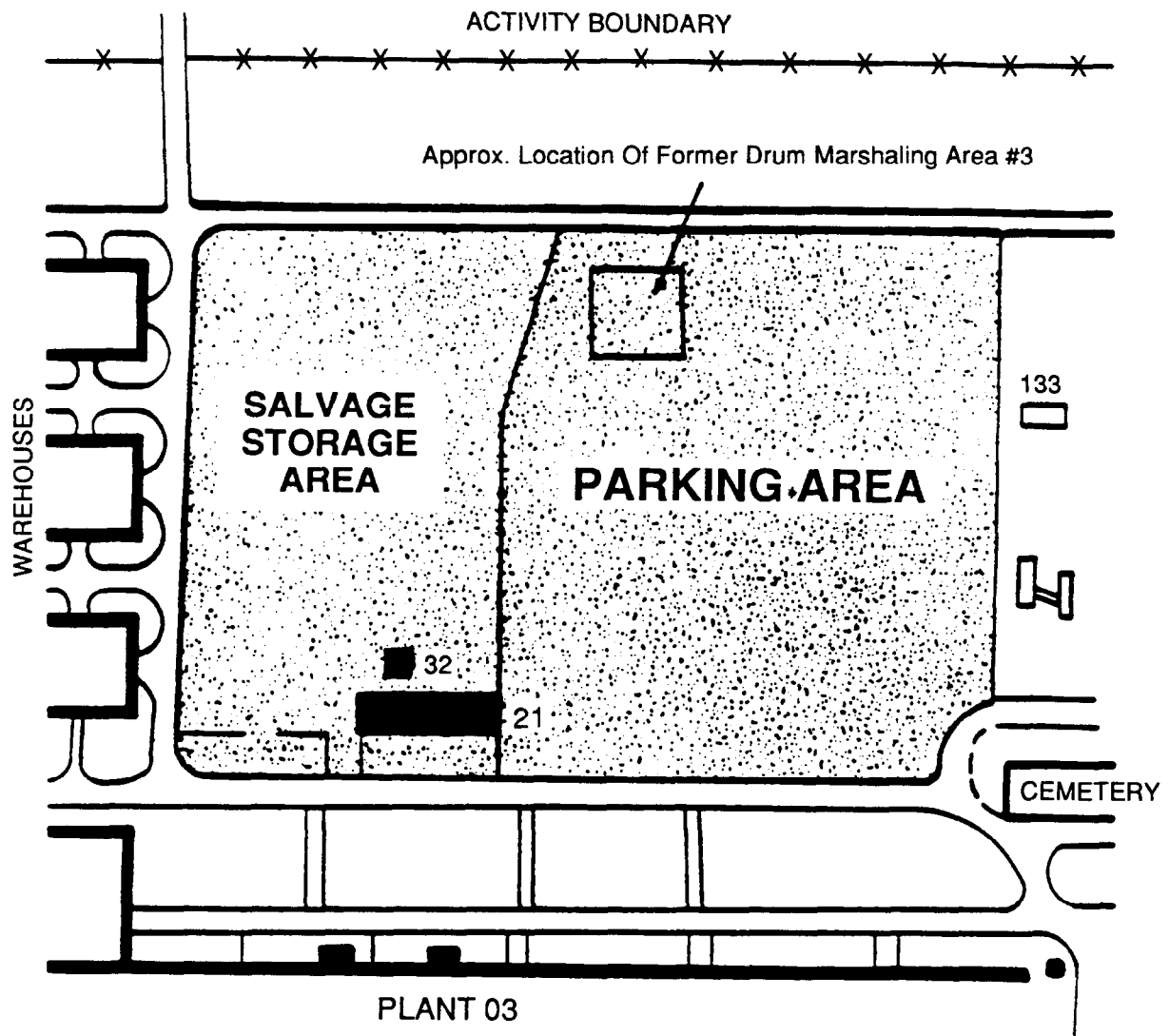


FIGURE 2-5
SITE 2
Recharge Basins
NWIRP Bethpage, NY

LEGEND:

 Area of Suspected Contamination



200 0 100 200

SCALE, FEET



FIGURE 2-6
SITE 3
Salvage Storage Area
NWIRP Bethpage, NY

Phase II, focusing primarily on off-site sampling, with some additional on-site investigations, will commence in September 1992. The FS will be conducted concurrently with the Phase II RI. The Proposed Plan, which summarizes the information contained in the FS and specifies the preferred cleanup alternative will be developed and made available to the public prior to the public hearing. This hearing will provide an opportunity for the public to comment on the FS and the preferred cleanup alternative.

The Record of Decision (ROD) which culminates this phase and formally identifies the remedial activities for NWIRP Bethpage is expected late in the summer of 1993.

2.2.2 Grumman Corporation

The Grumman site, which surrounds NWIRP Bethpage, is listed by the NYSDEC as a Class 2 site in the Registry of Inactive Hazardous Waste Disposal Sites in New York. This designation is assigned to sites which pose a significant threat to public health and the environment. Grumman is also in the RI/FS phase of work, with the objective of determining the nature and extent of soil and groundwater contamination and exploring remedial alternatives. Grumman's Phase I RI data collection, was concluded in the spring of 1992 and its Phase II RI data collection, including additional off-site sampling, is scheduled to begin in the fall of 1992. A ROD for the Grumman site will be issued following the completion of the RI/FS.

3.0 COMMUNITY RELATIONS HISTORY

Both the Navy and Grumman have conducted community relations efforts in the past and will continue to promote public involvement and provide public information. These community relations efforts have at times been coordinated between the Navy, Grumman, and NYSDEC, and at other times, they have been site-specific events. Because of the proximity of NWIRP Bethpage and the Grumman site and the similar nature of past operations conducted at the two sites, community issues and concerns raised about one site are typically applicable to both.

The most recent joint Navy-Grumman community relations activity, a NYSDEC-led informal public meeting, was held on June 8, 1992 at Bethpage High School. The purpose of this meeting was to present both the Navy's and Grumman's preliminary Phase I RI results and to answer questions and respond to comments from the public on the information presented. The meeting was announced in a NYSDEC Fact Sheet which was mailed to NYSDEC's contact list for the two sites. Announcement of the meeting appeared in Newsday and the Bethpage Tribune.

Both the Navy and Grumman have established information repositories at the Bethpage Public Library, located on Powell Avenue in Bethpage. These repositories provide the public with pertinent site-related documents, such as RI/FS Work Plans, NYSDEC correspondence, RI Reports, and Fact Sheets.

3.1 U.S. NAVY

The Navy, currently involved in the Phase II RI stage of the RI/FS, is developing this CRP to identify community relations activities which need to be conducted. Such activities include providing information to the public and promoting public involvement at key points in future activities, including RI fieldwork, FS evaluation, and implementation of remedial activities. This CRP is available as public information in the Navy's Information Repository.

The Navy has conducted community relations activities in addition to holding the public meeting in June 1992 and establishing the Information Repository mentioned above. Recently, the Navy conducted community interviews in an effort to determine the public's primary issues and concerns regarding the investigations at NWIRP Bethpage. These interviews also sought to ascertain the most effective means of disseminating information to the public in the future. The responses and information gathered from the interviews form the basis for the Navy's understanding of community issues and concerns. These issues and concerns are outlined in Section 4 of this CRP.

The first round of community interviews was held in late April 1992 with elected officials, community leaders, representatives from the Bethpage Water District, and members of local civic organizations. The second round of interviews was conducted in late June 1992 with residents living adjacent to NWIRP Bethpage and the Grumman site who had attended the public meeting on June 8th. A total of 25 households or community leaders were included in the two rounds of interviews.

Another important aspect of the Navy's community relations effort has been the establishment of a Technical Review Committee (TRC). The TRC was established in accordance with the requirements of the Navy's IR Program. This committee actively participates in the development of work scopes for investigations and provides technical reviews and comments during the execution of the studies and the selection of remedial technologies. TRC members for the NWIRP Bethpage site include representatives from the Bethpage Water District, the Nassau County Department of Health, the New York State Department of Health, NYSDEC, the State Department of Health, Grumman, DLA, and the Navy.

3.2 GRUMMAN CORPORATION

Grumman's community relations efforts are outlined in its NYSDEC-approved Citizen Participation Plan (CPP). This CPP is presented in Grumman's RI Work Plan and is available as public information in Grumman's Information Repository.

Besides establishing its own Information Repository and participating in the June 8, 1992 public meeting, Grumman held an informal demonstration/information session in the fall of 1991 for residents near its off-site monitoring wells. These sessions were held to give residents a better understanding of the sampling process and to inform them of the new wells in their neighborhood.

In addition, NYSDEC and Grumman held an informal public meeting on December 4, 1990 at the Bethpage High School to present Grumman's Phase I RI Work Plan. A Fact Sheet described the Grumman site and related groundwater and other issues concerning the investigation. This meeting was announced through mailings to the contact list and through announcements in Newsday and local newspapers. During the meeting and subsequent comment period, the community was given the opportunity to voice their concerns about the site and the investigation. These concerns were compiled by NYSDEC into a Responsiveness Summary, which is available as public information in Grumman's Information Repository.

The following sections of this CRP contain details of the Navy's community relations plan development effort. Specifically, Section 4 delineates the community's primary issues and concerns voiced during the June 8, 1992 public meeting and during the two rounds of community interviews; Section 5 outlines specific objectives and techniques which the Navy will utilize to produce an effective community relations program; Section 6 proposes the community

relations activities schedule, including details on techniques, implementation and anticipated meeting dates; and Section 7 outlines operational components of the plan such as the coordination of roles and responsibilities between the Navy, NYSDEC, Grumman and the RI contractors.

4.0 COMMUNITY ISSUES AND CONCERNS

This CRP is developed to better understand and address the community issues and concerns as they relate to NWIRP Bethpage. Information received during both public meetings and the first and second rounds of community interviews were combined for analysis and incorporated into the CRP. The CRP will be modified in the future in response to changes in community relations needs and in adjustment to technical progress associated with the NWIRP Bethpage RI/FS.

The community relations activities conducted by the Navy have yielded information on the local community's primary issues and areas of concern about NWIRP Bethpage. Because of the proximity of the Navy and Grumman sites, it can be assumed that most issues and concerns which the public has raised are applicable to both sites. These community relations activities include, the joint NYSDEC-led public meeting held on June 8, 1992, the Navy's community interviews conducted in April and June of 1992, and the NYSDEC/Grumman public meetings held in December 1990. At each of these events the public had the opportunity to ask questions and provide comments.

The questions asked and comments made during the public meetings and the responses given during the community interviews have been compiled into summary format below. This summary is intended to present generalized issues and concerns, rather than reiterate specific comments. For ease of reading, the term "residents" will be used to include residents, local officials, and representatives from civic and environmental groups.

Groundwater Contamination

The resident's predominant concern is the nature, extent, and mobility of the groundwater contamination evident in the Bethpage area. Potential groundwater contamination is an important issue because Bethpage residents rely on groundwater for their drinking water. Residents believe that the groundwater contamination may migrate off-site, eventually contaminating the local municipal water supply wells and leaving them without a drinking water supply. Residents support the idea of off-site monitoring wells which may also function as an early warning system for the protection of drinking water. All of those interviewed indicated that having a safe drinking water supply was their number one priority.

Health Effects

Another important issue voiced by residents concerned the potential health effects resulting from groundwater contamination. Local residents are concerned that groundwater contamination resulting from past hazardous waste handling and storage practices and past

operations at NWIRP Bethpage and Grumman may be a factor in the development of cancer. In addition, there is a perception that there is an increased rate of cancer in the local community. Some residents would like a public health study to address the incidence of cancer in the neighborhoods adjacent to NWIRP Bethpage and the Grumman sites. As a result of their concerns, many residents who were interviewed stated that they were drinking and/or cooking with bottled water rather than municipal water from groundwater sources.

Property Values

The potential decrease in property values resulting from knowledge of the contamination associated with the sites was another area of concern. Some residents feel that the groundwater contamination issue will result in lost equity on their homes and may prevent them from selling their houses.

Project Scheduling

Another area of concern focused on project scheduling; specifically the delay in cleanup resulting from the length of time required to conduct the investigation and remediation processes. The public believes both Navy and Grumman have wasted time with "redtape" and should begin remediating the sites before the groundwater contamination plume migrates further. Many residents feel that the Navy and Grumman should begin the cleanup rather than spend time on numerous investigations. Residents indicated frustration with the Navy and Grumman for not addressing and resolving the problem when the contamination was first discovered in the mid-1980s.

Information Availability

The procedures and methods used for disseminating information to the public was another area of concern. This concern was raised for both the public meeting notification process and the provision of information on an ongoing basis. Residents were concerned that the June 8, 1992 public meeting was not adequately announced; most of the residents said they learned of the meeting by word of mouth rather than through a formal announcement in the mail or through notices that appeared in the local newspaper. In addition, residents felt that past efforts to provide the public with information on the investigation activities being conducted at both the Navy and Grumman sites was ineffective. Additional mailings of Fact Sheets and newspaper announcements are two ways the residents suggested to get information distributed in the future.

5.0 COMMUNITY RELATIONS OBJECTIVES AND TECHNIQUES

5.1 OBJECTIVES

The objective of all community relations efforts is to foster open communication between the public, the government, and responsible parties. This CRP will attempt to build two-way communication between the community and the Navy in an effort to:

- Inform the public regarding planned and ongoing actions at the site and potential health risks associated with the reported contaminants.
- Receive feedback from the public as to their specific concerns.
- Give the public the opportunity to comment on and provide input to the technical decisions associated with the site.

A format of open communication should serve to lessen and resolve conflicts, to keep the residents informed of the investigation progress, and to assist in the remediation decision-making process for the site.

5.2 TECHNIQUES

This section outlines the specific community relations techniques which will be implemented to achieve the objectives stated above.

5.2.1 Public Meetings

Public meetings, both informal and formal, are used to inform the community about ongoing site activities and to discuss and receive citizen feedback on proposed courses of action. Meetings are usually held in association with milestones in the response process, such as the results of the remedial investigation or the ROD. Public meetings will be announced in advance to the local media and via direct mailings to the mailing list. In addition, small informal meetings to keep key groups and citizens informed of site activities may be held.

5.2.2 Public Information Dissemination

Techniques to relay information to the public include the following:

- Information Repository - Maintain an information repository, and ensure that copies of all public documents including administrative records, reports, and Fact Sheets pertaining to the site are kept in it.

- Mailing List - The mailing list has been expanded and will be updated as residents express interest in receiving information.
- Responsiveness Summary - Summarize and respond to comments received during a public meeting and/or a public comment period.
- Fact Sheets - Summarize current or proposed activities of the remedial process in a brief, easily readable report. Fact sheets present technical and/or enforcement information, serve to announce public meetings, and provide background information to the public prior to a meeting.
- Contact Person - Establish a contact person who will be available to answer questions and listen to concerns from the community representatives.

5.2.3 Community Interviews

Meetings with local government officials, residents living near the site, other concerned and interested citizens, and representatives from local organizations such as the Chamber of Commerce, the Rotary Club, and other civic and environmental associations will provide information to the Navy on community needs and concerns. The first round of interviews with civic leaders and community associations was conducted in April 1992. The second round was held in late June and early July 1992 with Bethpage residents and a representative from a local environmental group.

5.2.4 Technical Review Committee

A TRC has been established to actively participate in the development of the scope of work for the ongoing RI/FS Phase II, provide technical review and comment during the execution of the RI/FS, and assist in the selection of remedial technologies based on the data gathered by the Navy's consultants. The committee includes representatives from the Navy, the DLA, NYSDEC, the New York State Department of Health, the Nassau County Department of Health, the Bethpage Water District, and Grumman. The Navy's goal for the TRC is to facilitate the regulatory involvement and public participation requirements of Environmental Protection Agency's (EPA) Superfund legislation.

5.2.5 Additional Techniques if Needed

Implementation of additional community relations techniques may be necessary depending on the local community's level of concern and interest in the site. This reflects the dynamic nature of the CRP in response to the remedial action. These additional techniques include:

- Periodic Bulletins - Provide updates on technical progress and site activities on a consistent schedule.
- Technical Demonstrations - Demonstrate to the public how investigation or remediation is being conducted.

Section 6 of this CRP provides a list of the previous community relations activities conducted for NWIRP Bethpage. In addition, a Milestones chart is provided to inform the reader of upcoming community relations activities.

6.0 COMMUNITY RELATIONS SCHEDULE

The schedule for community relations activities for NWIRP Bethpage is presented in this section of the CRP. Past community relations activities are presented first, in an effort to provide the reader with the background from which future activities stem. The Community Relations Milestones chart (Figure 6-1) graphically presents anticipated community relations activities for NWIRP Bethpage. It is also important to note that the Milestones chart and the CRP itself are dynamic and there is a periodic need for updating both documents to respond to changing community concerns and ongoing technical progress.

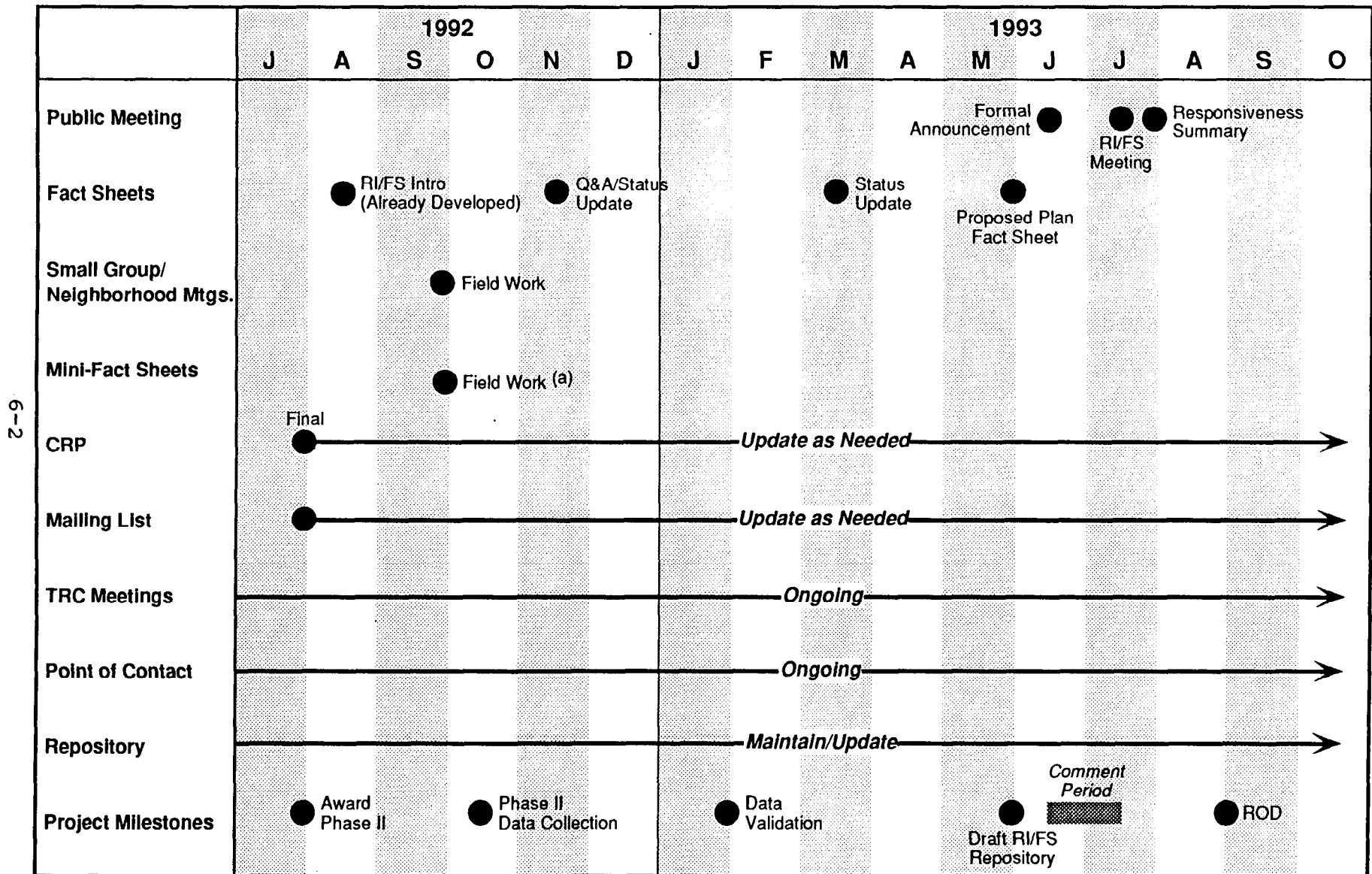
Following is a list of the community relations activities for NWIRP Bethpage:

<u>Activity</u>	<u>Date</u>
Establish TRC	December 1991
Draft CRP	December 23, 1991
TRC Meeting No. 1	March 31, 1992
Fact Sheet No. 1	April 1992
Community Interviews (First Round)	April 1992 (2 days)
Public Meeting (NYSDEC-led)	June 8, 1992
TRC Meeting No. 2	June 30, 1992
Community Interviews (Second Round)	June-July 1992 (3 days)
Final CRP	August 1992

The Milestones chart depicting future activities was developed by determining which community relations activities were needed at different phases of the IR Program, such as the RI Phase II data collection phase, the data validation phase, and the submission of the Final RI Report. The community's preference as to the type and method used to disseminate information to the public, as gleaned during the community interviews, was taken into consideration in developing the Milestones chart.

The Community Relations Milestones begin in July 1992. Community relations activities of an ongoing nature are presented as horizontal lines. These activities include conducting TRC meetings, providing a point of contact, and maintaining the Information Repository. In addition, the mailing list is currently being updated to reflect attendees at the recent public meeting and referrals from the community interviews and continually updated as needed.

FIGURE 6-1
NWIRP Bethpage Community Relations Milestones



(a) Site Specific Distribution – For residents in areas immediately adjacent to off-site sampling wells and for distribution at small group/neighborhood meeting.

Upcoming community relations activities include the finalization of this CRP in late July or early August 1992 and a mailing of the Fact Sheet that was presented during the second round of community interviews. This Fact Sheet will provide citizens who did not attend the meeting or participate in community interviews with background information on the Navy's IR Program, the NWIRP Bethpage site, and the ongoing investigations.

In late September or early October 1992 the Navy will be involved in off-site sampling, predominantly in the streets adjacent to the Navy site. In an effort to inform residents of what the fieldwork involves, the Navy will hold an informational session and mail a mini-Fact Sheet. These two activities are geared toward residents who live immediately adjacent to the Navy's off-site sampling locations.

The Navy is also planning to produce a Fact Sheet in November 1992 to provide citizens with a status report on the Phase II RI data collection efforts. During the spring of 1993, when the Navy is involved in validating the collected data, another Fact Sheet will be developed. All Fact Sheets will be mailed to the entire mailing list.

Finally, once the draft RI/FS is completed a formal public meeting will be held in June 1993 to announce the RI/FS results and the preferred remedial activities, and to provide the public with an opportunity to comment on this information. The community relations activities conducted at this time will include releasing formal meeting announcements and developing and mailing the Proposed Plan in the form of an extended Fact Sheet prior to the meeting. There will then be a 30-day period for the public and other interested parties to comment on the RI/FS and the Proposed Plan. The Navy will also develop a Responsiveness Summary covering the comments, questions, and responses received during the public meeting and submitted during the comment period. This stage of the IR Program will culminate in late August or early September 1993 with a ROD which will formally state the cleanup method to be used to remediate the site.

7.0 COMMUNITY RELATIONS PLAN IMPLEMENTATION

This section discusses the roles and responsibilities of the parties involved with the Community relations activities at the NWIRP Bethpage site. This discussion focuses primarily on the interaction of the organizations. See Appendix B, List of Interested Parties, for the appropriate agency, contact names, addresses, and telephone numbers.

7.1 ROLES

NWIRP Bethpage is represented by two branches of the U.S. Department of Defense; the U.S. Navy and the DLA. The administration of NWIRP Bethpage is carried out by the DLA because it is a GOCO facility. The environmental investigations being conducted under the Navy's IR Program are administered by Northern Division, Naval Facilities Engineering Command (NAVFAC) located in Philadelphia, PA. The Remedial Project Manager and the Technical Project Manager serve as the lead Navy contacts.

The Navy, through its IR Program, is responsible for the investigations being conducted at NWIRP Bethpage. The Navy is coordinating with NYSDEC in order to ensure compliance with state regulations. The Navy has contracted with HALLIBURTON NUS Environmental Corporation to support the Navy's investigation and community relations efforts.

There is a NYSDEC Project Manager, who operates out of NYSDEC headquarters in Albany, for both the NWIRP Bethpage and the Grumman sites. In addition, there is a NYSDEC Citizen Participation Specialist who, working out of the Stony Brook office, is involved with NYSDEC community relations efforts in Nassau and Suffolk Counties.

7.2 RESPONSIBILITIES

The Navy's Remedial Project Manager and Technical Project Manager, working out of NAVFAC are responsible for the oversight and implementation of the IR Program for NWIRP Bethpage. In this capacity they have assigned HALLIBURTON NUS the tasks of conducting the remedial investigation and providing community relations support.

As the technical contractor, HALLIBURTON NUS is responsible for submitting RI Work Plans, conducting RI fieldwork, presenting and analyzing FS alternatives, and writing and submitting technical reports as required under the IR Program. The Navy's Remedial Project Manager is responsible for monitoring, reviewing, and finalizing the work performed by HALLIBURTON NUS.

The community relations support provided by HALLIBURTON NUS to the Navy includes the assessment of community relations needs,

recommendations for future community relations activities, and the implementation of those activities. HALLIBURTON NUS implementation of community relations activities will include developing community relations documents such as Fact Sheets and Responsiveness Summaries for the Navy to review, providing for all necessary public meeting logistics, and coordinating the distribution of public documents. HALLIBURTON NUS will also periodically review the CRP in order to ensure that it reflects the current needs of the community.

REFERENCES

"Bethpage, We Care to Share" - Chamber of Commerce pamphlet, (1990, 1991-1992).

Final Remedial Investigation Work Plan, Naval Weapons Industrial Plant, Bethpage, New York, HALLIBURTON NUS Environmental Corporation, (8/91).

Geraghty & Miller, letter to John Barnes, NYSDEC (3/5/91). Repository.

Geraghty & Miller, letter to John Barnes (3/29/91). Repository.

Geraghty & Miller, Monthly Report (5/24/91). Repository.

Grumman/Geraghty & Miller, Community Participation Plan Appendix-J, (7/10/90). Repository.

Grumman/Geraghty & Miller, Monthly Report - (10/10/91). Repository.

Local Maps from Hagstrom. Bethpage Library.

Local Telephone Book - Community groups, maps, and municipal offices. Bethpage Library.

Long Island Almanac - Population and governance information. Bethpage Library.

"Long Island Executive Register" - Media addresses and phone numbers. Bethpage Library.

Public Meeting Announcement and Fact Sheet - (Meeting held 12/4/90) New York State Department of Environmental Conservation. Repository.

Responsiveness Summary and Public Announcement - 4/16/91 New York State Department of Environmental Conservation. Repository.

RGH (Rogers, Golden, & Halpein), Initial Assessment Study of NWIRP Bethpage, NY and NWIRP Calverton, NY. CTO N62474-84-3386, Environmental Restoration Department, Naval Energy and Environmental Support Activity, (12/86).

State of New York Order on Consent re: Grumman Aerospace Corp.; Index # W1-0018-81-01, Site # 1-30-003. Repository.

"They Represent You" - League of Women's Voter's pamphlet. Bethpage Library.

Community Relations in Superfund - A Handbook. Environmental Protection Agency, (1/92).

APPENDIX A

ACRONYMS AND ABBREVIATIONS

CPP	Community Participation Plan
CRP	Community Relations Plan
DLA	Defense Logistics Agency
EPA	Environmental Protection Agency
FS	Feasibility Study
GOCO	Government Owned/Contractor Operated
IAS	Initial Assessment Study
IR	Installation Restoration
NAVFAC	Naval Facilities Engineering Command
NWIRP	Naval Weapons Industrial Reserve Plant
NYSDEC	New York State Department of Environmental Conservation
RI	Remedial Investigation
ROD	Record of Decision
TCE	Trichloroethene

APPENDIX B
LIST OF INTERESTED PARTIES

A. Federal Elected Officials

1. U.S. Senator Alfonse M. D'Amato (202) 224-6542
U.S. Senate
520 Hart Senate Office Building
Washington, DC 20510

State Office:
7 Penn Plaza (212) 947-7390
Suite 600
New York, NY 10001
2. U.S. Senator Daniel P. Moynihan (202) 224-4451
U.S. Senate
464 Russell Senate Office Building
Washington, DC 20510

State Office:
733 Third Avenue (212) 661-5150
New York, NY 10017
3. Congressman Norman F. Lent (202) 225-7896
U.S. House of Representatives
2408 Rayburn Office Building
Washington, DC 20510

State Office:
2280 Grand Avenue (516) 223-1616
Baldwin, NY 11510

B. State Elected Officials

1. Governor Mario M. Cuomo (518) 474-8418
State Capitol
Executive Chamber
Albany, NY 12224
2. Senator Kemp Hannon (516) 222-0068
550 Stewart Avenue
Garden City, NY 11530
3. Assemblyman Frederick E. Parola, Jr. (516) 731-3434
3700 Hempstead Turnpike
Levittown, NY 11756

C. Nassau County Officials

1. Thomas S. Gulotta (516) 535-3131
Nassau County Executive
County Executive Building
One West Street
Mineola, NY 11501
2. Honorable Lewis Yevoli (516) 922-5800
Supervisor, Town of Oyster Bay
54 Audrey Avenue
Oyster Bay, NY 11771
3. Douglas Hynes (516) 922-5800
Board Member, Town Oyster Bay
54 Audrey Avenue
Oyster Bay, NY 11771
4. Donald H. Myott, P.E. (516) 535-3323
Public Health Engineer
Nassau County Department of Health
Bureau of Public Water Supply
240 Old Country Road
Mineola, NY 11501
5. Laurie Lutzker (516) 535-3323
Nassau County Department of Health
Bureau of Public Water Supply
240 Old Country Road
Mineola, NY 11501

D. Newspapers

1. Newsday (516) 454-2700
Susan Benkelman, Environmental Writer
235 Pinelawn Road
Melville, NY 11747
(daily: serves Long Island and area)
2. Bethpage Tribune (516) 681-2258
Edward P. Mangano, Esq.
Publisher
329 Broadway
Bethpage, NY 11714

E. Citizens and Other Interested Parties

This is an initial list. As the site investigation progresses it will be amended as needed to include other interested/affected citizens, public interest groups, local media, and elected officials. In addition to this list, a mailing list of concerned private citizens has been compiled. This mailing list is not included below in an effort to respect the privacy of these citizens.

1. Ronald Krumholz (516) 931-0093
Superintendent
Bethpage Water District
25 Adams Avenue
Bethpage, NY 11714
2. Michael Steiniger (516) 938-8375
Central Civic Association of Bethpage
6 Bradford Lane
Bethpage, NY 11714
3. Dennis Brady (516) 433-0010
President, Bethpage Chamber of Commerce
P.O. Box 636
Bethpage, NY 11714-0636
4. John Molloy (516) 756-8000
H2M
575 Broad Hollow Road
Melville, NY 11747
5. Joan Vecchrone (516) 249-3058
Citizens for Pure Water
506 Bay Avenue
Massapequa, NY 11758
6. Ed Thompson (516) 795-1455
Nassau Suffolk Neighborhood Network
511 Central Avenue
Massapequa, NY 11758

F. Department of Defense Contacts

1. Robert Booth (703) 602-9472
Naval Air Systems Command Headquarters
Jefferson Plaza 2, Room 528
Washington, DC 20361
2. Frank Klanchar (215) 595-0567
Northern Division
Naval Facilities Engineering Command
10 Industrial Highway
Mail Stop 82
Lester, PA 19113-2090
3. Jack Dunleavy (215) 595-0567
Northern Division
Naval Facilities Engineering Command
10 Industrial Highway
Mail Stop 82
Lester, PA 19113-2090

G. Grumman Contacts

1. John J. Carroll (516) 575-3376
V.P. Community Affairs
Grumman Corporation
1111 Stewart Avenue
Bethpage, NY 11714

H. New York State Contacts

1. John Barnes (518) 457-3395
Project Manager
NYSDEC
50 Wolf Road
Room 222
Albany, NY 12233-7010
2. Joshua Epstein (516) 751-7900
Citizen Participation Specialist
NYSDEC, Region 1
Building 40
State University of New York
Stony Brook, NY 11790
3. Lloyd Wilson (518) 458-6434
New York State Department of Health
2 University Place
Room 205
Albany, NY 12203

I. Document Repository Location

Bethpage Public Library (516) 931-3907
47 Powell Avenue
Bethpage, NY 11714

Hours of Operation

Monday - Friday	9:30 am - 9:00 pm
Saturday	9:30 am - 5:00 pm
Sunday	Closed

APPENDIX C

Naval Weapons Industrial Reserve Plant Bethpage, LI, NY

Interview Questions

Date and Time:

Interviewee:

GENERAL AWARENESS

- 1) How would you gauge the general level of community awareness of the NWIRP Bethpage site?
- 2) How do you perceive past and current efforts in providing the community with information about the site?

LEVEL OF CONCERN

- 1) What are your primary concerns regarding the site?
- 2) Do you feel that you are affected by the potential contamination at the site? If so, how?
- 3) What kinds of issues about the site and potential contamination have attracted the most attention?

INFORMATION NEEDS

- 1) How do you get information about the site and how frequently do you get it?
- 2) How would you like to get information about the site? How frequently?
- 3) If you had a question or an issue to raise, who would you contact?

- 4) Are you aware of the information repository that has been established in your area? Have you ever used it?
- 5) What newspapers, radio, or T.V. stations do you use?

LEVEL OF INVOLVEMENT

- 1) Have you participated in activities concerning the site?
- 2) How would you like to be involved in future cleanup activities?
- 3) What opportunities for input or involvement should be provided? What techniques work best in this community and would meet your needs?
- 4) Would you like your name and address added to a mailing list? (verify spelling/ address)

REFERRALS

- 1) Do you have any suggestions of other groups or individuals who should be added to the mailing list?