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From: Commander, Western Division, Naval Facilities Engineering Command
To: Distribution

Subj: REMEDIAL INVESTIGATION/FEASIBILITY STUDY FOR NAVAL STATION
TREASURE ISLAND, SAN FRANCISCO

Encl: (1) Technical Review Committee (TRC) Meeting Minutes - 1 Dec 1992

1. Enclosure (1) is provided for your information.
2. Thank you for your guidance and involvement in this project. For further information, please contact Mr. Ernesto M. Galang, Code 1813EG, at (415) 244-2560.

Original signed by:
E. Galang
GILBERT A. RIVERA
By direction

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**TREASURE ISLAND RI/FS
TECHNICAL REVIEW COMMITTEE MEETING MINUTES
DECEMBER 1, 1992**

I. INTRODUCTION

The first quarterly technical review committee (TRC) meeting was held on December 1, 1992 at 1:00 p.m., at the Naval Station Treasure Island (NAVSTA TI) Conference Room. This TRC meeting is the first in a series of quarterly meetings to be held in fulfillment of the public participation requirement defined in the Federal Facility Site Remediation Agreement (FFSRA) for the NAVSTA TI remedial investigation and feasibility study (RI/FS). A copy of the meeting agenda, handouts, and a list of meeting attendees is attached. The meeting was opened by Mr. Jim Sullivan, the NAVSTATI facility environmental representative. He asked all attendees to introduce themselves. Afterwards, Mr. Ernie Galang, Navy engineer-in-charge, asked Ms. Emily Pimentel, PRC project manager, to lead the technical presentation.

II. PRESENTATION

The presentation was given by PRC Environmental Management. The presenters included Ms. Pimentel, project manager, Mr. Ken Bowen, the field operations manager, and Ms. Stacey Lupton, community relations coordinator. Following the agenda, Ms. Pimentel began with a brief introduction to the facility background, the project regulatory framework, and past studies history. Mr. Ken Bowen followed with color slides showing each Installation Restoration site under investigation, past operations at each site, and the status of specific field activities. Ms. Lupton provided an overview of the community relations activities conducted to date and described the availability of project documents through the San Francisco Public Library and NAVSTA TI. Ms. Pimentel concluded the presentation and opened the question and answer session.

Some of the questions and general responses included:

1. Question: Should there be concern by individuals having a garden or wanting to establish a garden?

1. Response: PRC completed a human health risk assessment, based on data obtained in the family housing area, and determined that there is not a health risk.

2. Question: Are the fish safe to eat?

2. Response: There are several potential contaminants sources in San Francisco Bay. Presently, it can not be determined to what extent NAVSTA TI might be contributing any contaminants which may be adversely affecting fish.

3. Question: When can the public expect to see remedial action taking place at NAVSTA TI?

3. Response: The first phase in the RI/FS process is about 5 years in duration. It is completed with a decision document referred to as the Record of Decision (ROD). The ROD determines what remedies would be required. The next phase in the process is the remedial design and remedial action phase. Presently, it is estimated that cleanup would not begin until about 7 to 8 years from now.

The meeting was concluded by informing the participants that these meetings would be held quarterly. The next TRC meeting will be scheduled by the Navy.

NAVAL STATION TREASURE ISLAND
 REMEDIAL INVESTIGATION/FEASIBILITY STUDY

TECHNICAL REVIEW COMMITTEE MEETING
 DECEMBER 1, 1992
 (NAVSTA TI COM CONF RM @ 1:00 P.M.)

PERSONNEL	ORGANIZATION	PHONE NO.
1. Jim Sullivan	NAVSTA Treasure Island	415-395-5454
2. BARBARA M SMITH	SFRWQCB	510-286-4222
3. PUILLETTE F. BOSS	NAVSTA T.I.	415-395-5449
4. PAT TERRY	PWC HOUSING	415-395-3222
5. GILBERT RIVERA	WESTDIV Code 1813	415-244-8551
6. ERNIE GALANG	WESTDIV CODE 1813	415-244-2560
7. Emily Pimentel	PRC	415 543-4880
8. Ken Bowen	PRC	415 543-4880
9. LEROY DANIELLY	FSC	(415) 395-5176
10. Thomas Lanphar	State Cal DTSC	510 540 3809
11. David Wells	SE Public Health	(415) 554-2796
12. STACEY LUPTON	PRC	415/543-4880
13. Randy FISH	PRC	(415) 543-4880
14. Thorsten Anderson	PRC	(415) 543-4880
15. TIMO ALLISON	PRC	(415) 543-4880
16. Heinz von Bockelmann	PRC	(206) 624-2692
17. Ken McNewell	T.I. PAO	(415) 395-5013
18. RON WELLS	cm/c T.I.	(415) 395-5036

Christina G. Kabitze
Manny Bernal
Lois Cornish
EDDIE V. SARMIENTO
Dixie Lee

PRC
WEST NAV FAC
COMMINSURFAC
NETI, CODE 84.1
NAISATZ

415-543-4880
415-244-2515
(619) 437-3094
415-399-5452
415-395-5038

**NAVAL STATION TREASURE ISLAND
REMEDIAL INVESTIGATION/FEASIBILITY STUDY
TECHNICAL REVIEW COMMITTEE MEETING PRESENTATION OUTLINE
DECEMBER 1, 1992**

PURPOSE

Presentation will include facility background, history of regulation and past studies of Naval Station Treasure Island (NAVSTA TI), background of all sites including a slide presentation, remedial investigation activities, and a segment on community relations at NAVSTA TI.

PRESENTATION OUTLINE

- I. Introduction
- II. Facility Background, History of Regulation and Past Studies
- III. NAVSTA TI Map, Site Histories
- IV. Remedial Investigation Activities
- V. Community Relations at NAVSTA TI
- VI. Conclusions
- VII. Questions and Answers

NAVAL STATION TREASURE ISLAND

REMEDIAL INVESTIGATION/FEASIBILITY STUDY

TECHNICAL REVIEW COMMITTEE MEETING

DECEMBER 1, 1992

FACILITY BACKGROUND

Naval Station Treasure Island (NAVSTA TI) occupies all of Treasure Island and the majority of Yerba Buena Island. The two islands are connected by a causeway and are located in the San Francisco Bay mid-way between San Francisco and Oakland.

Treasure Island is a man-made island. It was created as a site for the Golden Gate International Exposition in 1939 and 1940, which attracted 10.5 million people from all over the world. During this exposition, it served as an airport for the China Clippers.

Treasure Island was originally destined to become San Francisco's airport. However, the outbreak of World War II saw Treasure Island converted to a major naval facility, processing up to 12,000 men a day to Pacific area assignments, and thousands more U.S. Navy (Navy) personnel returning home in the days and months following the end of the war. After World War II, the City and County of San Francisco traded Treasure Island for land that is now the site of San Francisco International Airport.

Today, NAVSTA TI provides port and harbor services to Navy ships, operates and maintains facilities for Navy Technical Training, including the fire fighting training school, and is the location of housing for the families of Navy personnel.

HISTORY OF REGULATION AND PAST STUDIES

The U.S. Department of Defense (DOD) initiated a program in 1975 to identify and investigate potential hazardous waste sites at military installations. The program was the result of increasing public and government concern over the potential impacts of past hazardous waste disposal methods. This program began on a pilot scale and expanded in 1980 as the installation restoration program (IRP).

Concurrent with the formation of the IRP, the U.S. Congress directed the U.S. Environmental Protection Agency (EPA) to develop a comprehensive national program to manage past disposal sites. The basis for this program is the Comprehensive Environmental Response, Compensation, and Liability Act (CERCLA or "Superfund"). Superfund was amended in 1986 by the Superfund Amendments and Reauthorization Act (SARA). One of the provisions of SARA was to place greater accountability on federal facilities for hazardous waste site

cleanup. Accordingly, the DOD passed the Defense Environmental Restoration Act (DERA) in 1986. In 1988, DOD chose to adopt EPA's terminology for the investigation and remediation of past hazardous waste disposal sites.

Under CERCLA/SARA, all federal facilities are required to undergo Hazard Ranking Scoring (HRS), a method of prioritizing sites by level of threat to public health and the environment and placing sites on the National Priorities List (NPL) if necessary. The California Environmental Protection Agency Department of Toxic Substances Control (DTSC) assumes the role of the lead agency for environmental investigations of federal facilities located in California that are not on the NPL. Other regulatory agencies including the San Francisco Bay Regional Water Quality Control Board (RWQCB) have regulatory oversight responsibilities.

In response to DERA, the Navy expanded the IRP at naval facilities. This program is the basis for conducting studies at NAVSTA TI. The Navy installation restoration program is conducted in three phases:

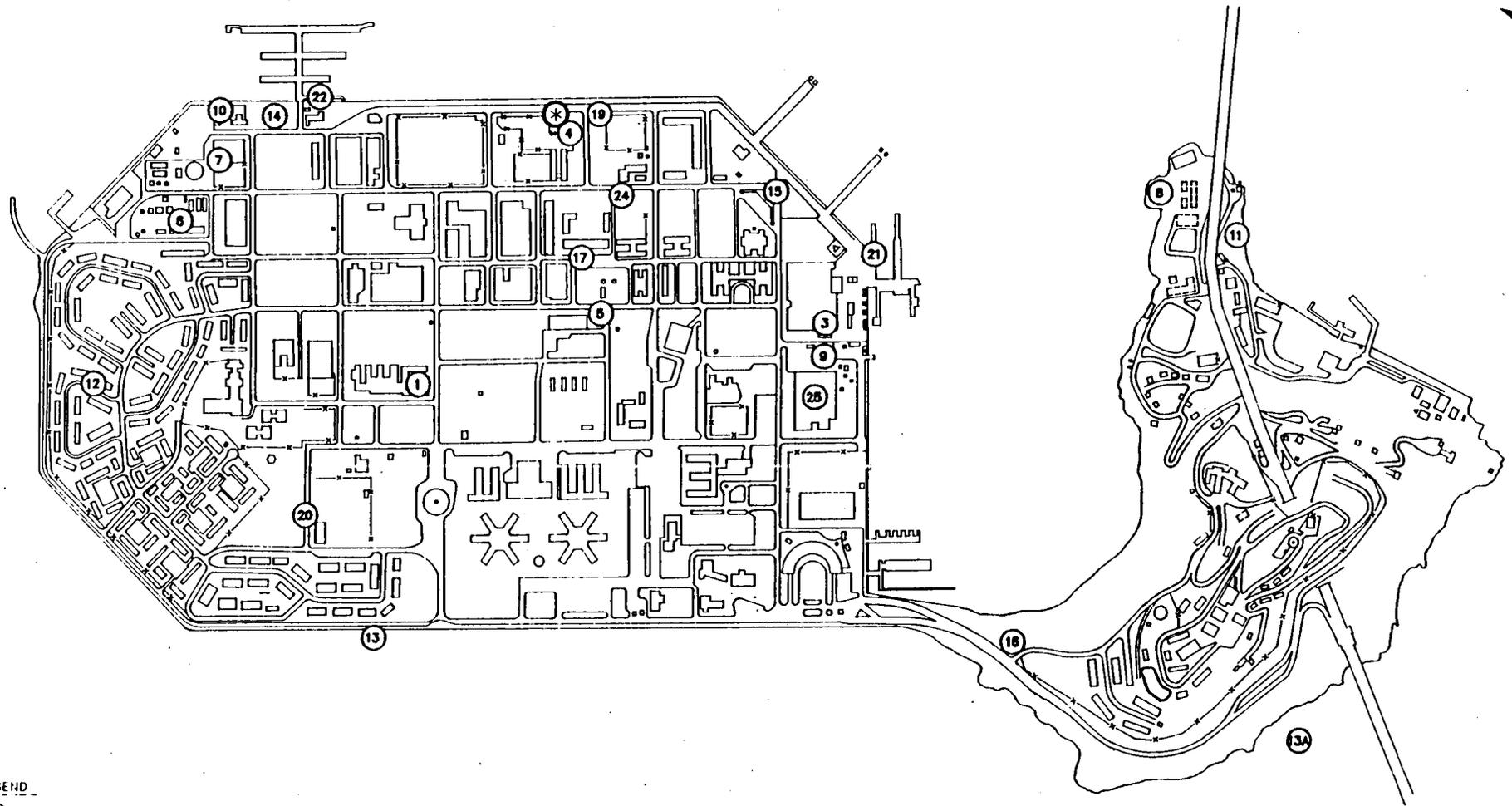
Preliminary Assessment/Site Inspection (PA/SI): identification of potential disposal or contaminated sites, and evaluation of these sites with respect to potential threat to human health and the environment;

Remedial Investigation/Feasibility Study (RI/FS): verification and characterization of the extent of contamination, definition of potential migration pathways, and evaluation of the feasibility of potential remedial measures;

Remedial Action (RA): design and implementation of the required corrective measures to mitigate or eliminate confirmed problems.

The PA/SI for NAVSTA TI was completed in 1987. The RI/FS is being conducted in accordance with the Federal Facility Site Remediation Agreement (FFSRA). The FFSRA is a binding agreement between Navy and DTSC requiring Navy to follow a specified course of action in investigating and remediating NAVSTA TI.

Concurrent with the RI/FS, the Navy is conducting other investigations to comply with environmental laws and regulations related to underground and aboveground fuel storage and cleanup requirements.



LEGEND

⑬ SITE LOCATION

KEY TO SITES

- | | | | | | |
|----|---------------------------------|-----|---|----|----------------------------------|
| 1 | MEDICAL CLINIC | 13 | STORMWATER OUTFALL (TI)
(ISLAND PERIMETER) | 21 | VESSEL WASTE OIL RECOVERY |
| 3 | PCB EQUIPMENT STORAGE AREA | 13A | STORMWATER OUTFALLS (YBI)
(ISLAND PERIMETER) | 22 | NAVY EXCHANGE SERVICE
STATION |
| 4 | HYDRAULIC TRAINING SCHOOL | 14 | NEW FUEL FARM | 24 | 5TH STREET FUEL RELEASES |
| 5 | OLD BOILER PLANT | 15 | OLD FUEL FARM | 25 | SEAPLANE MAINTENANCE AREA |
| 6 | FIRE TRAINING SCHOOL | 16 | CLIPPER COVE TANK FARM | | |
| 7 | PESTICIDE STORAGE AREA | 17 | TANKS 103/104 | ⊛ | IDW STORAGE AREA |
| 8 | ARMY POINT SLUDGE DISPOSAL AREA | 18 | REFUSE TRANSFER AREA | | |
| 9 | FOUNDRY | 19 | REFUSE TRANSFER AREA | | |
| 10 | BUS MAINTENANCE SHOP | 20 | AUTO HOBBY SHOP/
TRANSPORTATION AREA | | |
| 11 | YBI FILL | | | | |
| 12 | OLD WAREHOUSE AREA | | | | |



NAVAL STATION, TREASURE ISLAND

SITE LOCATION MAP

TREASURE ISLAND AND YERBA BUENA ISLAND SITE HISTORIES

TREASURE ISLAND SITES

SITE 1 - MEDICAL CLINIC

Years Operated: 1940s - Late 1970s
Operation: X-ray development
Potential Contaminants: Developer and/or fixer solutions, metals such as silver
Potential Amount of Contamination: The exact time, quantity, and duration of the spill has not been established. The affected area may cover up to 100 square feet to an unknown depth.
Sampling Objective: To define the nature and extent of metals contamination and acidic soil conditions

SITE 3 - PCB EQUIPMENT STORAGE AREA (BUILDING 31)

Years Operated: Pre-1953 - Present
Operation: Outdoor storage area
Potential Contaminants: Polychlorinated biphenyls (PCBs)
Potential Amount of Contamination: The quantity of material spilled over the years is not known but is estimated to cover an area up to 100 square feet.
Sampling Objective: To determine if soils beneath the paved storage pad have been contaminated with PCBs

SITE 4 - HYDRAULIC TRAINING SCHOOL

Years Operated: 1970s - Present
Operation: Outdoor storage area
Potential Contaminants: Waste oil (primarily waste transmission oil)
Potential Amount of Contamination: Several hundred square feet have been affected by waste oil spills. The quantity and duration of the releases is not known and the depth of contamination is uncertain.
Sampling Objective: To assess the nature and extent of contamination detected during previous sampling activities in soils and ground water

TREASURE ISLAND SITES (Cont')

SITE 5 - OLD BOILER PLANT (BUILDING 102)

Years Operated: 1968 - Present
Operation: Debris from demolished boiler plant
Potential Contaminants: Asbestos
Potential Amount of Contamination: The quantity and constituents of debris is unknown.
Sampling Objective: To assess the potential occurrence of asbestos in the buried building debris and to outline the areal extent of the building debris

SITE 6 - FIRE TRAINING SCHOOL

Years Operated: 1946 - Present
Operation: Fire training
Potential Contaminants: Petroleum hydrocarbons (diesel and gasoline), magnesium, and fire extinguishing chemicals
Potential Amount of Contamination: Approximately 18,700 gallons of gasoline and 31,200 gallons of diesel are used in fire training each year.
Sampling Objective: To define the nature and extent of contamination detected during previous sampling activities due to leaking underground storage tanks and contaminated soil and ground water

SITE 7 - PESTICIDE STORAGE AREA (BUILDING 62)

Years Operated: 1943 - Late 1950s
Operation: Mixed and stored paints
Potential Contaminants: Paints containing linseed oil and lead
Potential Amount of Contamination: Usually 5 to 10 gallons per disposal, every 1 to 40 weeks.
Sampling Objective: To determine if all potentially contaminated soils were removed during recent building excavation activities

Years Operated: 1955 - Early 1960s
Operation: Mixed and stored pesticides and herbicides
Potential Contaminants: Pesticides and herbicides
Potential Amount of Contamination: Usually 5 to 10 gallons per disposal, every 1 to 40 weeks.
Sampling Objective: To determine if all potentially contaminated soils were removed during recent building excavation activities

TREASURE ISLAND SITES (Cont')

SITE 7 - PESTICIDE STORAGE AREA (BUILDING 62) (Cont')

Years Operated: 1968 - 1978
Operation: Treatment plant spread area for wastewater sludge
Potential Contaminants: Organics and metals
Potential Amount of Contamination: Up to 10 to 15 cubic yards per month of wastewater treatment plant sludge was spread at this site over an area measuring 250 feet by 100 feet and at Site 8.
Sampling Objective: To determine if all potentially contaminated soils were removed during recent building excavation activities

SITE 9 - FOUNDRY (BUILDING 41)

Years Operated: 1943 - 1947
Operation: Forge/foundry
Potential Contaminants: Unknown
Potential Amount of Contamination: Unknown
Sampling Objective: To determine if soils surrounding the building location have been contaminated

Years Operated: 1953 - 1968
Operation: Paint shop
Potential Contaminants: Paints containing lead or zinc-chromium based pigments, paint thinners, and solvents
Potential Amount of Contamination: Unknown
Sampling Objective: To determine if soils surrounding the building location have been contaminated

Years Operated: 1981 - 1987
Operation: Welding training school
Potential Contaminants: Unknown
Potential Amount of Contamination: Unknown
Sampling Objective: To determine if soils surrounding the building location have been contaminated

TREASURE ISLAND SITES (Cont')

SITE 10 - BUS PAINTING SHOP (BUILDING 335)

Years Operated: 1947 - 1953
Operation: Bus paint shop
Potential Contaminants: Waste paints, thinners, solvents
Potential Amount of Contamination: Unknown
Sampling Objective: To determine the presence of contamination in soils surrounding the building location

Years Operated: 1953 - 1955
Operation: Storage and mixing area for pest control shop
Potential Contaminants: Pesticides and herbicides
Potential Amount of Contamination: Unknown
Sampling Objective: To determine the presence of contamination in soils surrounding the building location

Years Operated: Unknown - Present
Operation: Steam rack
Potential Contaminants: Oils, grease, and petroleum hydrocarbons
Potential Amount of Contamination: Unknown
Sampling Objective: To determine the presence of contamination in soils surrounding the building location

SITE 12 - OLD BUNKER AREA

Years Operated: Early 1940s - 1968
Operation: Ammunition bunkers, disposal area
Potential Contaminants: Toluene, gasoline, and diesel
Potential Amount of Contamination: It is estimated that originally 6,200 cubic yards of rubbish may have been disposed of in cell-disposal units and 24,400 cubic yards as loose debris. Approximately 3,800 cubic yards of rubbish and 12,200 cubic yards of loose debris may still exist in former cell units, assuming rubbish was excavated to an elevation of 2 feet above mean sea level.
Sampling Objective: To determine the presence of ground-water contamination from previous landfilling operations

TREASURE ISLAND SITES (Cont')

SITE 13 - STORMWATER OUTFALLS - TREASURE ISLAND PERIMETER

Years Operated: 1936 - Present
Operation: Stormwater discharge, vessel discharge
Potential Contaminants: Paints, paint thinners, petroleum hydrocarbons, solvents, pesticides, mercuric nitrate, vessel waste, oils
Potential Amount of Contamination: Unknown
Sampling Objective: To determine if contaminants occur in sediments adjacent to the stormwater sewer system outfalls and if the presence of contaminants in sediments result from the stormwater discharge

SITE 14 - NEW FUEL FARM

Years Operated: 1943 - Present
Operation: Fuel storage
Potential Contaminants: Petroleum hydrocarbons
Potential Amount of Contamination: Unknown
Sampling Objective: To define the nature and extent of contamination resulting from fuel leaks, spills, and previous management practices at the fuel storage facility

SITE 15 - OLD FUEL FARM

Years Operated: Pre-1943 - Present
Operation: Undrained abandoned underground pipelines
Potential Contaminants: Petroleum hydrocarbons
Potential Amount of Contamination: Unknown
Sampling Objective: To assess the potential occurrence of fuel contamination associated with a former fuel storage location

SITE 17 - TANKS 103/104

Years Operated: 1943 - Present
Operation: Diesel fuel storage tanks
Potential Contaminants: Petroleum hydrocarbons (diesel)
Potential Amount of Contamination: 20,000 gallons of diesel fuel were reportedly released onto the unpaved ground surface surrounding the tanks in 1983. An unknown amount of waste oil, possibly containing PCBs, was reportedly spread at least once around the base of both tanks. Leaks from underground fuel lines damaged in the 1989 earthquake are suspected.
Sampling Objective: To determine the presence of contamination from previous reported fuel leaks, the possible use of PCB-contaminated oil spread for weed and dust control, and leaks from fuel lines damaged during the 1989 earthquake

TREASURE ISLAND SITES (Cont')

SITE 19 - REFUSE TRANSFER AREA

Years Operated: 1953 - Present
Operation: Refuse holding and disposal area
Potential Contaminants: Unidentified fluids
Potential Amount of Contamination: Unknown
Sampling Objective: To assess the nature and extent of contamination detected during previous sampling activities in soils and ground water

SITE 20 - AUTO HOBBY SHOP AND TRANSPORTATION AREA (BUILDINGS 194, 224, 225, 230, and 267)

Years Operated: 1943 - 1950
Operation: Transportation center
Potential Contaminants: Degreasing substances, solvents, oils, grease, hydrocarbons
Potential Amount of Contamination: Unknown, but may have been substantial based on the level of activity at NAVSTA TI during this time
Sampling Objective: To define the nature and extent of hydrocarbon contamination detected during previous sampling activities

Years Operated: 1947 - Present
Operation: Auto hobby shop with drum storage area (Building 225)
Potential Contaminants: Hydraulic fluid, recycled oil, grease, vehicle fluid, and metals such as chromium, nickel, and zinc
Potential Amount of Contamination: Unknown
Sampling Objective: To define the nature and extent of hydrocarbon contamination detected during previous sampling activities

SITE 21 - VESSEL WASTE OIL RECOVERY

Years Operated: 1946 - Present
Operation: Vessel waste oil recovery
Potential Contaminants: Waste oils, mercuric nitrate
Potential Amount of Contamination: Unknown
Sampling Objective: To determine the presence of hydrocarbon contamination in soils adjacent to the DONUT storage area and oil/water separation system

TREASURE ISLAND SITES (Cont')

SITE 22 - NAVY EXCHANGE SERVICE STATION

Years Operated: 1946 - Present
Operation: Gas station
Potential Contaminants: Petroleum hydrocarbons and accumulated vehicle fluids
Potential Amount of Contamination: Although the volumes of fluids and materials released are unknown, a 1972 report anticipated that by 1975, 12,000 gallons per year of fluids and materials would be generated.
Sampling Objective: To determine the presence of contamination associated with historical operations

SITE 24 - 5TH STREET FUEL RELEASES

Years Operated: 1986 - 1987
Operations: Abandoned pipelines
Potential Contaminants: Petroleum hydrocarbons
Potential Amount of Contamination: Unknown
Sampling Objective: To define the nature and extent of contamination from abandoned leaking fuel oil pipelines

SITE 25 - SEAPLANE MAINTENANCE AREA (BUILDINGS 2, 3, and 180)

Years Operated: 1943 - 1958
Operation: Seaplane maintenance
Potential Contaminants: Waste liquids and solvents for engine cleaning
Potential Amount of Contamination: Unknown
Sampling Objective: To assess the potential occurrence of soil and ground-water contamination from previous airplane maintenance activities, and to locate 10 abandoned underground aviation fuel storage tanks reportedly adjacent to Building 2

Years Operated: Unknown
Operation: Gasoline tanks (Building 2)
Potential Contaminants: Gasoline
Potential Amount of Contamination: Unknown
Sampling Objective: To assess the potential occurrence of soil and ground-water contamination from previous airplane maintenance activities, and to locate 10 abandoned underground aviation fuel storage tanks reportedly adjacent to Building 2

TREASURE ISLAND SITES (Cont')

SITE 25 - SEAPLANE MAINTENANCE AREA (BUILDINGS 2, 3, and 180) (Cont')

Years Operated: 1985
Operation: Pipelines to Pier 21
Potential Contaminants: Petroleum hydrocarbons
Potential Amount of Contamination: An accidental release in 1985 spilled an unknown quantity of material.
Sampling Objective: To assess the potential occurrence of soil and ground-water contamination from previous airplane maintenance activities, and to locate 10 abandoned underground aviation fuel storage tanks reportedly adjacent to Building 2

YERBA BUENA ISLAND SITES

SITE 8 - ARMY POINT SLUDGE DISPOSAL AREA

Years Operated: 1968 - 1976
Operation: Treatment plant spread area for wastewater sludge
Potential Contaminants: Organics and metals
Potential Amount of Contamination: Up to 10 to 15 cubic yards per month of wastewater treatment plant sludge was spread at this site and at Site 7.
Sampling Objective: To define the nature and extent of DDT and potential metals contamination detected during previous sampling activities

SITE 11 - YERBA BUENA ISLAND LANDFILL

Years Operated: 1935 - Present
Operation: Unsanctioned disposal area
Potential Contaminants: Unknown
Potential Amount of Contamination: Unknown
Sampling Objective: To assess the potential occurrence of contamination due to previous landfilling activities

SITE 13A - STORMWATER OUTFALLS - YERBA BUENA ISLAND PERIMETER

Years Operated: 1936 - Present
Operation: Stormwater discharge, vessel discharge
Potential Contaminants: Paints, paint thinners, petroleum hydrocarbons, solvents, pesticides, mercuric nitrate, vessel waste, oils
Potential Amount of Contamination: Unknown
Sampling Objective: To determine if contaminants occur in sediments adjacent to the stormwater sewer system outfalls and if the presence of contaminants in sediments result from the stormwater discharge

YERBA BUENA ISLAND SITES (Cont')

SITE 16 - CLIPPER COVE TANK FARM

Years Operated: 1940s - 1960s
Operation: 10 Above-ground storage tanks
Potential Contaminants: Lead, oil, and other petroleum hydrocarbons
Potential Amount of Contamination: Unknown
Sampling Objective: To determine if there is contamination associated with this former fuel storage location

Years Operated: 1960s
Operation: Spread area for sludge from dismantled tanks
Potential Contaminants: Lead, oil, and other petroleum hydrocarbons
Potential Amount of Contamination: Unknown
Sampling Objective: To determine if there is contamination associated with this former fuel storage location

REMEDIAL INVESTIGATION ACTIVITIES

A. WORK COMPLETED

- SOIL BORINGS
 - 88 soil borings drilled
 - One to three soil samples collected per boring for chemical analysis
- MONITORING WELLS
 - 27 monitoring wells installed and sampled for chemical analysis
- TRENCHING
 - Trenched at Site 5 and Site 11 to collect soil samples for chemical analysis
 - Three soil samples collected from each trench
 - Air monitoring conducted during trenching
- GEOPHYSICAL SURVEYS
 - Geophysical surveys conducted at Sites 5, 11, 15, 20, 22, 24, and 25
- SEDIMENT SAMPLING
 - 15 sediment samples collected for chemical analysis
- STORMWATER SAMPLING
 - 10 outfall sample locations identified; 7 locations sampled

B. WORK TO BE COMPLETED

- SURVEY OF 27 MONITORING WELLS TO BEGIN DECEMBER 2, 1992
- COMPLETE STORMWATER SAMPLING TO THE EXTENT POSSIBLE

C. MANAGEMENT OF INVESTIGATION DERIVED WASTE

- SOILS PLACED IN 55-GALLON DRUMS
- WATER PLACED IN 49,000-GALLON DOUBLE-CONTAINED STORAGE TANK
- WASTE TO BE DISPOSED OFF-SITE AS NECESSARY

REMEDIAL INVESTIGATION ACTIVITIES

WORK COMPLETED

NAVAL STATION TREASURE ISLAND

<u>Site No.</u>	<u>Soil Borings</u>	<u>Monitoring Wells</u>	<u>Trenching</u>	<u>Air Monitoring</u>	<u>Geophysical Surveys</u>
1	yes	yes	no	no	no
3	yes	no	no	no	no
4/19	yes	yes	no	no	no
5	yes	no	yes	yes	yes
6	yes	no	no	no	no
7	yes	no	no	no	no
8	yes	no	no	no	no
9	yes	no	no	no	no
10	yes	no	no	no	no
11	yes	yes	yes	yes	yes
12	yes	yes	no	no	no
13/13A*	NA	NA	NA	NA	NA
14	yes	yes	no	no	no
15	yes	no	no	no	yes
16	yes	no	no	no	no
17	yes	yes	no	no	no
20	yes	yes	no	no	yes
21	yes	no	no	no	no
22	yes	yes	no	no	yes
24	yes	yes	no	no	yes
25	yes	yes	no	no	yes

Notes:

- * - Sites 13 and 13A refer to outfall locations where stormwater and sediment samples were collected
- NA - Not applicable

COMMUNITY RELATIONS AT NAVSTA TI

- Community relations (CR) is the planned effort to keep local residents informed and involved throughout the cleanup process.
- The Community Relations Plan (CRP) provides the "blueprint" for that effort.
- The FFSRA has specific provisions for the Navy to develop and implement a CRP addressing the site remediation activities and elements of work undertaken by the Navy.
- CR activities conducted to date:
 - Two information repositories established
 - Community interviews conducted and CRP prepared
 - Mailing list of community members developed
 - Information distributed on base
 - A large CR display (approximately 4 feet by 8 feet) set up at neighborhood events and locations
- Ongoing CR activities:
 - Distribute information to community announcing significant findings and decisions
 - Maintain updated community mailing list
 - Conduct community meetings at critical decision points
 - Provide informal community workshops, site tours, and briefings as needed