Final

Supplemental Environmental Baseline Survey

Naval Station Treasure Island
San Francisco, California

July 8, 2005

Prepared for:
Base Realignment and Closure
Program Management Office West
San Diego, California

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Contract Task Order 034
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PREPARED FOR:

DEPARTMENT OF THE NAVY

REVIEW AND APPROVAL

Project Manager: _____ Date: July 8, 2005
Dennis Kelly, SulTech

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ACRONYMS AND ABBREVIATIONS

µg/L	Micrograms per liter
ACM	Asbestos-containing material
AST	Aboveground storage tank
ATG	Allied Technology Group, Inc.
BCP	BRAC Cleanup Plan
BCT	BRAC Cleanup Team
bgs	Below ground surface
BRAC	Base Realignment and Closure
BRAC PMO West	Base Realignment and Closure Program Management Office West
CAP	Corrective action plan
Caltrans	California Department of Transportation
CCSF	City and County of San Francisco
CCR	*California Code of Regulations*
CEC	California Engineering Contractors
CERCLA	Comprehensive Environmental Response, Compensation, and Liability Act
CERFA	Community Environmental Response Facilitation Act
CFR	*Code of Federal Regulations*
CSO	Caretaker Site Office
CTO	Contract task order
CUPA	Certified Unified Program Agency
DDT	Dichlorodiphenyltrichloroethane
DoD	U.S. Department of Defense
DPH	Department of Public Health (San Francisco)
DTSC	California Environmental Protection Agency Department of Toxic Substances Control
EBS	Environmental baseline survey
ECP	Environmental condition of property
EIS	Environmental impact statement
EFA West	U.S. Department of the Navy, Naval Facilities Engineering Command Engineering Field Activity West
EFH	Essential fish habitat
EPA	U.S. Environmental Protection Agency
ERM-West	ERM-West, Inc.
ESA	Endangered Species Act
ESL	Environmental screening level
FFSRA	Federal Facility Site Remediation Agreement
FOSL	Finding of suitability to lease
FOST	Finding of suitability to transfer

FHWA	Federal Highway Administration
FMP	Fishery management plan
FS	Feasibility study
Gaia	Gaia Consulting, Inc
HRA	Historical radiological assessment
HUD	U.S. Department of Housing and Urban Development
IDW	Investigation-derived waste
IR	Installation Restoration
ITSI	Innovative Technical Solutions, Inc.
kg	Kilograms
LBP	Lead-based paint
MC	Munitions constituents
MEC	Munitions and explosives of concern
mg/kg	Milligrams per kilogram
MINS	Mare Island Naval Shipyard
MOA	Memorandum of agreement
MSA	Marine Sanctuaries Act
msl	Mean sea level
NAS	Naval Air Station
NAVSTA TI	Naval Station Treasure Island
Navy	U.S. Department of the Navy
NEPA	National Environmental Policy Act
NFA	No further action
NMFS	National Marine Fisheries Service
NOAA	National Oceanic and Atmospheric Administration
OWS	Oil-water separator
PA/SI	Preliminary assessment/site investigation
PAH	Polycyclic aromatic hydrocarbon
PCB	Polychlorinated biphenyl
PCE	Tetrachloroethene
pCi/L	PicoCuries per liter (of air)
PMO	Program management office
ppm	Parts per million
PRC	PRC Environmental Management, Inc.
PUC	San Francisco Public Utilities Commission
PWC	Navy Public Works Center

RADIAC	Radioactive Detection, Identification and Computation
Radian	Radian International LLC
RASO	Navy Radiological Affairs Support Office
RCRA	Resource Conservation and Recovery Act
RI	Remedial investigation
ROD	Record of decision
RPI	Robison-Prezioso, Inc.
RPM	Remedial project manager
SAIC	Science Applications International Corporation
SAP	Sampling and analysis plan
SEBS	Supplemental environmental baseline survey
Shaw	Shaw Environmental Inc.
SHPO	State Historic Preservation Officer
SSPORTS	Supervisor of Shipbuilding, Conversion and Repair, Portsmouth, Virginia, Environmental Detachment, Vallejo
SSC	Site screening criteria
SULLIVAN	Sullivan Consulting Group
SVOC	Semivolatile organic compound
SWDIV	U.S. Department of the Navy, Southwest Division Naval Facilities Engineering Command
SWDA	Solid waste disposal area
TCE	Trichloroethene
TCRA	Time-critical removal action
TI	Treasure Island
TIDA	Treasure Island Development Authority
TIHDI	Treasure Island Homeless Development Initiative
TPH	Total petroleum hydrocarbons
TSCA	Toxic Substances Control Act
Tetra Tech	Tetra Tech EM Inc.
U&A	Uribe and Associates
U.S.C.	*United States Code*
USCG	U.S. Coast Guard
USFWS	U.S. Fish and Wildlife Service
UST	Underground storage tank
VOC	Volatile organic compound
VSI	Visual site inspection
Water Board	San Francisco Bay Regional Water Quality Control Board
WWTP	Wastewater treatment plant
YBI	Yerba Buena Island

EXECUTIVE SUMMARY

Under Contract Task Order (CTO) 034, SulTech (a joint venture of Sullivan Consulting Group and Tetra Tech EMI Inc.) provides technical support to the U.S. Department of the Navy, Base Realignment and Closure (BRAC) Program Management Office (PMO) West (BRAC PMO West) at the former Naval Station Treasure Island (NAVSTA TI) in San Francisco, California. Specifically, under CTO 034, SulTech carried out a basewide supplemental environmental baseline survey (SEBS) to update the environmental condition of property (ECP) for each environmental baseline survey (EBS) parcel at NAVSTA TI.

The ECP categories for the EBS parcels the Navy owns at the former NAVSTA TI have been updated based on progress made under the Navy's environmental programs since the 1995 basewide EBS. The upland property that is suitable for transfer is grouped into four transfer parcels. A general discussion of the remaining upland property (referred to as non-transferable property) is also included in this basewide SEBS. The environmental programs reviewed include the Installation Restoration (IR) Program, the petroleum program, compliance programs, and site-specific EBS investigations. The updated ECPs identify properties available for lease and transfer and those undergoing investigation and cleanup (if necessary).

PURPOSE AND SCOPE OF THIS SEBS

This SEBS report is based on U.S. Department of Defense (DoD) and Navy policy and guidance documents, along with currently available information from the 1995 basewide EBS, earlier non-basewide SEBS documents, and other references. This SEBS is intended to serve as a planning document for the BRAC Cleanup Team (BCT) by: (1) identifying all known issues that require resolution before a parcel can be considered transferable, and (2) referencing other documents that bring closure to each issue identified. The BCT consists of representatives from the Navy, U.S. Environmental Protection Agency (EPA), San Francisco Bay Regional Water Quality Control Board (Water Board), and California Department of Toxic Substances Control (DTSC).

Information (text, figures, and tables) provided in this document is updated through April 30, 2005. However, the closure status of remaining sites may change as field work and closure documents for sites are completed and approved because environmental restoration and site closure at NAVSTA TI are ongoing. Future changes to environmental issues that affect NAVSTA TI will be incorporated in the SEBS database, which acts as a repository for all current and historical issues on NAVSTA TI. Future changes will be documented in revisions of the SEBS or finding of suitability for transfer reports, as appropriate.

BACKGROUND

NAVSTA TI was closed September 30, 1997, in accordance with the Defense Base Closure and Realignment Act. A Federal Facility Site Remediation Agreement (FFSRA) between the Navy and the California EPA (including the DTSC and the Water Board) was signed on September 29, 1992 (DTSC 1992). This legal agreement defines the Navy's obligations for corrective action and response actions under the Resource Conservation and Recovery Act and the Comprehensive

Environmental Response, Compensation, and Liability Act (CERCLA) for the 26 CERCLA sites that had been identified at NAVSTA TI when the FFSRA was executed. The Navy manages CERCLA and other hazardous waste sites through the Navy's IR Program. As of this SEBS, the Navy manages 33 CERCLA sites. Of these 33 sites, three (IR Sites 2, 18, and 23) were closed by the preliminary assessment/site inspection report (Dames and Moore 1988); 21 are managed under NAVSTA TI's CERCLA program (18 are currently active sites and two were closed with regulatory concurrence, which includes Sites 1, 3, and 13); eight are managed under the Petroleum Program, and one is managed under the Underground Storage Tank Compliance Program (Site 26).

Since 1993, the BCT has coordinated cleanup and closure at NAVSTA TI. This SEBS report describes completed and planned environmental investigation and closure at NAVSTA TI.

CLASSIFICATION OF PROPERTY FOR REUSE AND TRANSFER

The "BRAC Cleanup Plan Guidebook" provides the BCT with direction on classifying base property into one of seven area types to facilitate and support reuse and transfer (DoD 1996). At NAVSTA TI, ECP area type designations are assigned to individual parcels of land known as EBS parcels. The 1995 basewide EBS initially established the boundaries and numbering scheme for the NAVSTA TI EBS parcels (ERM-West, Inc. 1995a). In addition, parcels or portions of parcels that were reassigned to other federal agencies or that were transferred in fee from the Navy have been eliminated from consideration for this SEBS report. The ECP area type designation of a location reflects its suitability for transfer, with ECP Area Types 1 through 4 suitable for transfer by deed, and ECP Area Types 5 and 6 unsuitable for transfer by deed until all remedial actions have been completed or a remedy has been successfully demonstrated. Areas classified as ECP Area Type 7 either have not been evaluated or require further evaluation to classify them into one of the other area types.

The following ECP category descriptions were used to assign ECP types to each EBS parcel:

- **ECP 1 Parcels—**areas where no release or disposal of hazardous substances or petroleum products has occurred (including no migration of these substances from adjacent areas). The following areas are proposed for ECP 1: EBS Parcels T028 (the portion located within the Treasure Island [TI] Southwest Transfer Parcel A), T030 (the portion located within the TI Southwest Transfer Parcel B), T033, T038 (the portion located within the TI Southwest Transfer Parcel B), T040 (the portion located within the TI Core Transfer Parcel), T051, T064, T071-T073, T077, T078, T082, T083, T085, T087 (the portion located within the TI Core Transfer Parcel), T088, T089 (the portion located within the TI Core Transfer Parcel), T090, T106 (the portion located within the TI Core Transfer Parcel), T110, T118 (Pier 23), T119, YB005, YB006, YB009, YB014 (the portion located within the Yerba Buena Island [YBI] Transfer Parcel), YB018 (the portion located within the YBI Transfer Parcel).

- **ECP 2 Parcels—**areas where only release or disposal of petroleum products has occurred. The following areas are proposed for ECP 2: EBS parcels T001, T016-T018, T024, T025, T027, T035 (the portion within the TI Southwest Transfer Parcel B), T037 (the portion within the TI Southwest Transfer Parcel B), T041 (the portion within the TI Core Transfer Parcel), T042 (the portion within the TI Core Transfer Parcel), T048 (the portion within the TI Core Transfer Parcel), T049, T052, T054, T055 (the portion within the TI Core Transfer Parcel), T056 (the portion located within the TI Core Transfer Parcel), T062, T063, T068, T070, T074, T086 (the portion located within the TI Core Transfer Parcel), T120, YB001 (the portion located within the YBI Transfer Parcel), YB002, YB008, YB012, YB013, YB017 (the portion located within the YBI Transfer Parcel), YB020 (the portion located within the YBI Transfer Parcel), YB020, YB021, YB023 (the portion located within the YBI Transfer Parcel), and YB024 (the portion located within the YBI Transfer Parcel).

- **ECP 3 Parcels—**areas where release, disposal, and/or migration of hazardous substances has occurred but at concentrations that do not require a removal or remedial action. The following areas are proposed for ECP 3: EBS Parcel S001, S003-S006, S008, S009, T002, T006 (the portion located within the TI Southwest Transfer Parcel A), T015, T026 (the portion located within the TI Southwest Transfer Parcel A), T029 (the portion located within the TI Southwest Transfer Parcel A), T039 (the portion located within the TI Southwest Transfer Parcel B), T053, T059 (the portion located within the TI Core Transfer Parcel), T061 (the portion located within the TI Core Transfer Parcel), T079 (the portion located within the TI Core Transfer Parcel), T080, T084, T092 (the portion located within the TI Core Transfer Parcel), T093, YB003, YB004 (the portion located within the YBI Transfer Parcel), YB007, YB011, YB016 (the portion located within the YBI Transfer Parcel), and YB022 (the portion located within the YBI Transfer Parcel). (Note: PCB sites located within the transfer parcels where less than 1 milligram per kilogram has been detected have been categorized as ECP-3 since no further action is required pursuant to the Toxic Substances Control Act.)

- **ECP 4 Parcels—**areas where release, disposal, and/or migration of hazardous substances has occurred and all remedial actions necessary to protect human health and the environment have been taken. The following areas are proposed for ECP 4: EBS Parcel T003, T010 (the portion located within the TI Southeast Transfer Parcel), T023 (the portion located within the TI Southwest Transfer Parcel A), T034 (the portion located within the TI Southwest Transfer Parcel B), T076 T081, T091, YB015, and YB019. (Note: PCB sites located within the transfer parcels with analytical results equal to or greater than the high occupancy criterion of 1 milligram per kilogram specified in 40 Code of Federal Regulations Part 761 have been categorized as ECP 4 in anticipation that regulatory closure actions will be completed to facilitate transfer of the parcels, even though these actions are not yet complete. Refer to Section 6.2.9 for further discussion]

- **ECP 5 Parcels—**areas where release, disposal, and/or migration of hazardous substances has occurred, and removal or remedial actions are under way but all required remedial actions have not yet been taken. No EBS parcels are proposed for ECP 5.

- **ECP 6 Parcels—**areas where release, disposal, and/or migration of hazardous substances has occurred but required actions have not yet been implemented. The following areas are proposed for ECP 6: EBS Parcels S002.

- **ECP 7 Parcels—**areas that are not evaluated or require additional evaluation. The following areas are proposed for ECP 7: EBS Parcels T004, T005 T006 (the portion located within the non-transferable area), T007, T008, T009, T010 (the portion located within the non-transferable area), T011, T012, T013, T014, T019, T020, T030 (the portion located within the non-transferable area),T031, T032, T048(the portion located within the non-transferable area), T050, T055 (the portion located within the non-transferable area), T056 (the portion located within the non-transferable area), T057, T058, T059 (the portion located within the non-transferable area), T0060, T061(the portion located within the non-transferable area), T065, T066, T067, T069, T079 (the portion located within the non-transferable area), T086 (the portion located within the non-transferable area), T089 (the portion located within the non-transferable area), T092 (the portion located within the non-transferable area), T094-T105, T106 (the portion located within the non-transferable area), T108-T117, YB001 (the portion located within the non-transferable area), YB010, YB017 (the portion located within the non-transferable area), YB016(the portion located within the non-transferable area), YB017 (the portion located within the non-transferable area), YB018 (the portion located within the non-transferable area), YB022 (the portion located within the non-transferable area), YB023 (the portion located within the non-transferable area), YB024 (the portion located within the non-transferable area), YB025, and YB026.

All EBS parcels at NAVSTA TI were assigned ECP area type designations based on all currently available information. Many of these ECP area type designations were recommended previously in the 1995 EBS; however, some ECP area type designations have been revised based on new data or because the Navy has received regulatory concurrence for no further action. Portions of EBS Parcels T006, T010, T023, T026, T028, T029, T030, T034, T035, T037, T038, T039, T040, T041, T042, T048, T055, T056, T059, T061, T079, T086, T087, T089, T092, T0106, YB001, YB004, BY014, YB016, YB017, YB018, YB022, YB023, and YB024 are located within the transfer parcel, but their boundaries also extend into the non-transferable area. As a result, two different ECP area types have been applied to those EBS parcels (which is reflected in Figure 7-1, but not in Tables ES-1 and 8-1 because it is not possible for the EBS database to apply two different ECP area types to an EBS parcel). For example, a portion of EBS Parcel T055 is located within the boundary of IR Site 24, and that portion of the EBS parcel has been designated ECP 6; however, the portion of EBS Parcel T055 located in the TI Core Transfer Parcel is geographically distinct from IR Site 24 and therefore has been designated as ECP 1.

TABLE ES-1: MAXIMUM AGGREGATE ECP AREA TYPE FOR EBS PARCELS

Final, Supplemental Environmental Baseline Survey, Naval Station Treasure Island

EBS Parcel	ECP Area Type	EBS Parcel	ECP Area Type	EBS Parcel	ECP Area Type	EBS Parcel	ECP Area Type
S001	3	T035	2	T082	1	YB002	2
S002	6	T037	2	T083	1	YB003	3
S003	3	T038	1	T084	3	YB004	7
S004	3	T039	3	T085	1	YB005	1
S005	3	T040	1	T086	7	YB006	1
S006	3	T041	2	T087	7	YB007	3
S008	3	T042	2	T088	3	YB008	2
S009	3	T048	7	T089	7	YB009	1
T001	2	T049	2	T090	1	YB010	7
T002	3	T050	7	T091	4	YB011	3
T003	4	T051	1	T092	7	YB012	2
T004	7	T052	2	T093	3	YB013	2
T005	7	T053	3	T094	7	YB014	1
T006	7	T054	2	T095	7	YB015	4
T007	7	T055	7	T096	7	YB016	7
T008	7	T056	7	T097	7	YB017	7
T009	7	T057	7	T098	7	YB018	6
T010	7	T058	7	T099	7	YB019	3
T011	7	T059	7	T100	7	YB020	6
T012	7	T060	7	T101	7	YB021	2
T013	7	T061	7	T102	7	YB022	7
T014	7	T062	2	T103	7	YB023	7
T015	3	T063	2	T104	7	YB024	6
T016	2	T064	1	T105	7	YB025	6
T017	2	T065	7	T106	7	YB026	6
T018	2	T066	7	T107	7		
T019	7	T067	7	T108	7		
T020	7	T068	2	T109	7		
T023	4	T069	7	T110	7		
T024	2	T070	2	T111	7		
T025	2	T071	1	T112	7		
T026	3	T072	1	T113	7		
T027	2	T073	1	T114	7		
T028	1	T074	2	T115	7		
T029	3	T076	4	T116	7		
T030	7	T077	1	T117	7		
T031	7	T078	1	T118	1		
T032	7	T079	7	T119	1		
T033	1	T080	3	T120	2		
T034	4	T081	4	YB001	7		

Notes:

EBS Environmental baseline survey

ECP Environmental condition of property

1.0 INTRODUCTION

Under the Indefinite Quantity Contract for Architectural-Engineering Services to Provide CERCLA/RCRA/UST Studies No. N68711-03-D-5104, Contract Task Order (CTO) 034, SulTech (a joint venture of Sullivan Consulting Group [SULLIVAN] and Tetra Tech EMI Inc. [Tetra Tech]) provides technical support to the U.S. Department of the Navy (Navy), Base Realignment and Closure (BRAC) Program Management Office (PMO) West (BRAC PMO West) at the former Naval Station Treasure Island (NAVSTA TI) in San Francisco, California. Specifically, under CTO 034, SulTech performed a basewide supplemental environmental baseline survey (SEBS) to update the environmental condition of property (ECP) for each environmental baseline survey (EBS) parcel at NAVSTA TI.

This section summarizes the purpose and scope, organization, property boundaries, and ECP categories used to review the whole or partial EBS parcels located in the remaining Navy-owned uplands at the former NAVSTA TI.

1.1 PURPOSE AND SCOPE

This SEBS report lists updated ECPs for the EBS parcels identified by progress in environmental programs since the Navy conducted the 1995 basewide EBS at NAVSTA TI (ERM-West, Inc. 1995a). ECP classifications are used to help identify properties available for lease or transfer, as well as properties that are undergoing investigation and cleanup (if necessary). In addition, this SEBS documents the issues that require notification, such as institutional controls. As part of the 1995 NAVSTA TI EBS, the Navy created and has since maintained a database of all environmental issues that affect the EBS parcels.

The scope of this SEBS includes updating ECP categories for EBS parcels, updating EBS parcel boundaries, summarizing inspections conducted on buildings used since the database was updated in 1995, and providing an update on environmental conditions that affect the subject property after the 1995 database update.

Information reviewed for this SEBS was obtained from previous investigations and reports. SulTech also reviewed new documentation on investigations and removals generated since the 1995 basewide EBS.

1.2 ORGANIZATION OF THE SUPPLEMENTAL ENVIRONMENTAL BASELINE SURVEY

This SEBS report is organized into nine sections followed by the figures and tables referenced, and three appendices. An outline of the general topics discussed in each section is as follows:

- **Section 1.0, Introduction.** This section summarizes the purpose and organization of the SEBS, the property boundaries, and ECP categories.

- **Section 2.0, 1995-2003 Environmental Baseline Survey Methodology.** This section describes the 1995 survey (ERM-West 1995a) and subsequent surveys and the approach and rationale, including how: (1) the installation was evaluated, (2) the documentation was reviewed, and (3) the regulatory databases were searched. This background information is important because the SEBS updates environmental issues and concerns identified previously.

- **Section 3.0, 2004 Supplemental Basewide Environmental Baseline Survey Methodology.** This section describes the 2004 survey approach and rationale, including how: (1) the installation was evaluated, and (2) the documentation was reviewed.

- **Section 4.0, Former, Current, and Proposed Reuse Operations.** This section summarizes former and current operations for the property.

- **Section 5.0, Environmental Setting.** This section summarizes regional and on-base conditions, physical and environmental conditions, and the status of natural and cultural resources.

- **Section 6.0, Environmental Findings on Non-Transferable Property.** This section provides an overview of restoration and compliance programs at NAVSTA TI for non-transferable property.

- **Section 7.0, Environmental Findings on Transfer Parcels.** This section provides narrative discussions of the environmental programs and issues for the four transfer parcels on NAVSTA TI. The narrative discussion summarizes the installation restoration (IR) and petroleum programs, issues that require notification such as polychlorinated biphenyl (PCB)-containing equipment, asbestos-containing material (ACM), lead-based paint (LBP), spills and stains, and radioactive contaminants.

- **Section 8.0, Conclusions.** This section summarizes environmental issues and associated ECP categories within each EBS area. This section also presents ECP conclusions, including a map and a matrix of the environmental conditions.

- **Section 9.0, References.** This section lists the reports and documents used in preparing this SEBS.

Appendix A is the outline of the visual inspection attributes, Appendix B is a photographic log of the visual inspection and Appendix C contains response to comments on the draft of the document.

1.3 PROPERTY BOUNDARIES

NAVSTA TI is located in the San Francisco Bay area (see Figure 1-1), at mid-span of the San Francisco-Oakland Bay Bridge (Interstate 80) in San Francisco Bay. NAVSTA TI consists of upland property including the 150-acre Yerba Buena Island (YBI) (a natural island), and the 402-acre Treasure Island (TI) (a human-made island), and 547 acres of Navy-owned submerged lands. Property previously transferred from Navy responsibility is not covered in this SEBS,

except as referenced in interviews in Section 3.2.3 and the adjacent property discussion in Section 6.0. Figure 1-2 includes the previously transferred and transferable property, and Figure 1-2A provides a detail of the TI Core Transfer Parcel, Figure 1-2B a detail of the Southeast Transfer Parcel, Figure 1-2C a detail of the Southwest Transfer Parcel and Figure 1-2D a detail of the YBI Transfer Parcel. Figure 1-3 includes all of the EBS parcels located within the SEBS footprint (all of the non-transferred parcels). A list of property not covered in this SEBS is provided below.

Parcel Name	Recipient	Location	Area (acres)
Job Corps	U.S. Department of Labor	TI	37
USCG	U.S. Coast Guard	YBI	44
USCG (Submerged)	U.S. Coast Guard	Offshore YBI	11
FHWA	Federal Highway Administration Fee Parcel	YBI	20

Beyond the waters of San Francisco Bay, the facility is surrounded by the extensively developed, mixed-use lands of San Francisco, Oakland, and other towns and cities—collectively often referred to as the Bay Area. The Bay Area, with a population of approximately 7 million, is a major metropolitan center of business, industry, and government.

1.4 ENVIRONMENTAL CONDITION OF PROPERTY CATEGORIES

The ECP categories are defined as follows:

- **ECP 1 –** areas where no release or disposal of hazardous substances or petroleum products has occurred (including no migration of these substances from adjacent areas)
- **ECP 2 –** areas where only release or disposal of petroleum products has occurred
- **ECP 3 –** areas where release, disposal, and/or migration of hazardous substances has occurred, but at concentrations that do not require a removal or remedial action
- **ECP 4 –** areas where release, disposal, and/or migration of hazardous substances has occurred, and all remedial actions necessary to protect human health and the environment have been taken
- **ECP 5 –** areas where release, disposal, and/or migration of hazardous substances has occurred, and removal or remedial actions are under way, but all required remedial actions have not yet been taken
- **ECP 6 –** areas where release, disposal, and/or migration of hazardous substances has occurred, but required actions have not yet been implemented
- **ECP 7 –** areas that are not evaluated or require additional evaluations.

ECP 1 areas may also be considered Community Environmental Response Facilitation Act (CERFA) uncontaminated or clean properties if this status is sought. CERFA is a public law enacted on October 19, 1992, as an amendment to Comprehensive Environmental Response, Compensation, and Liability Act (CERCLA) Section 120(h)(4). The purpose of CERFA is to identify and document all "uncontaminated" real property, or parcels thereof, at installations that are undergoing closure or realignment. Pursuant to CERFA, designation of parcels as ECP 1 requires concurrence of the appropriate state official (in this case, the California Environmental Protection Agency Department of Toxic Substances Control [DTSC]) that is deemed to have been obtained if, within 90 days after a request for the concurrence has been received, the state official has not acted (by either concurring or by declining to concur) on the request for concurrence.

The regulatory or physical status of each environmental issue was evaluated and ECP area types have been assigned based on established U.S. Department Defense (DoD) guidance (DoD 1996). For example, underground storage tanks (USTs) that contain petroleum products that had leaked were assigned ECP Area Type 2. Similarly, a spill or stain identified and closed out as requiring no further action (NFA) in the original 1995 EBS (defined as "visual site inspection determined no actual release of petroleum or CERCLA contaminants to the environment had occurred") was assigned an ECP Area Type 1. If a sample was collected from a release of hazardous substance, but detections were determined to be below regulatory reporting limits, then the parcel would be assigned ECP Area Type 3 because the concentration does not warrant a removal or cleanup action. Alternatively, if the hazardous substance release was sampled and detections exceeded regulatory limits, followed by the appropriate cleanup action necessary to protect human health and the environment, then the parcel would be assigned ECP Area Type 4. If the removal or cleanup action related to the hazardous substance release was under way but not yet completed, the parcel would be assigned ECP Area Type 5. If the cleanup action for the hazardous substance was not yet under way, the parcel would receive the ECP Area Type 6 designation. If the hazardous material release had not yet been investigated, the parcel is an ECPA Area Type 7.

1.5 HISTORY OF ENVIRONMENTAL BASELINE SURVEY-RELATED ACTIVITIES

The EBS process was initiated at NAVSTA TI in 1993, in accordance with federal and state guidance and in compliance with Resource Conservation and Recovery Act (RCRA), CERCLA, and CERFA regulations. The EBS program at NAVSTA TI was implemented in three principal phases: the 1995 EBS analysis and findings; a subsequent series of SEBS reports to support leasing; and a second series of SEBS reports in 1998 and 1999 to facilitate property transfer.

The first phase consisted of a basewide EBS that included a review of available documentation and a comprehensive site survey documented in the 1995 EBS (ERM-West 1995a). This phase inventoried all upland property at NAVSTA TI parcel by parcel and identified known or suspected hazards associated with historical and recent uses of each parcel; however, submerged lands were not included in this assessment. The base was divided into 145 EBS parcels, including one off-base parcel, and all were categorized into an ECP area type based on the available information. Of the 145 parcels, DTSC provided formal regulatory agency concurrence on eight ECP area type 1 (CERFA-eligible) parcels: EBS Parcels T001, T033, T064, T082, T083, T085, T088, and YB012. ECP area types for T001 and YB012 have subsequently changed because

petroleum-related sites are present, and specifically the Causeway pipeline in T001 and petroleum pipeline site YF1, adjacent to YB012 (see Section 6.1.2 and Table 6-5).

Data gaps and areas of concern were identified based on the results of the 1995 EBS. Many were resolved through discussion of the available information. Others were resolved after a site walk by the BRAC Cleanup Team (BCT) on May 26, 1995. An EBS sampling work plan recorded the reasoning behind the decisions not to investigate further, and presented locations for proposed sampling (ERM-West 1996a). Numerous parcels were identified for soil sampling to confirm whether a release or disposal of hazardous substances or petroleum products had occurred (including migration of the substances from adjacent areas). Groundwater sampling was not proposed as part of the EBS sampling work plan; however, as all groundwater investigations were being implemented under the Installation Restoration (IR) program. Results of the EBS investigation were presented in a summary report (Tetra Tech and Uribe & Associates [U&A] 1999a).

The second phase involved preparation of a series of SEBS reports to be used in conjunction with findings of suitability to lease to facilitate community reuse of NAVSTA TI. Between 1995 and 1996, several SEBS reports were prepared to support leases (ERM-West 1995b, 1996b; PRC Environmental Management, Inc. [PRC] and Gaia Consulting, Inc. [Gaia] 1996a, 1996b). Later, the remaining unleased and untransferred portion of NAVSTA TI was divided into six zones, and a separate SEBS report was published for each (PRC and U&A 1997a, 1997b; Tetra Tech and U&A 1997, 1998a, 1998d, 1999b). These SEBS reports presented updated information on the environmental condition of parcels originally discussed in the EBS, as well as risk evaluations for some areas in NAVSTA TI.

The third phase involved preparation of three draft SEBS reports to be used in conjunction with finding of suitability to transfer (FOST) to facilitate transfer of NAVSTA TI. For this purpose, about half of NAVSTA TI was divided into three phases (Ia, Ib, and IIa), and a separate SEBS report was published for each (Tetra Tech and U&A 1998b, 1998c, 1999c). These SEBS reports further updated information on the environmental condition of parcels originally discussed in the EBS.

More recently, the Navy initiated a new round of data gap investigations. Data gaps identified by the BCT that could not be resolved with available information were slated for resolution via sampling and documented in an EBS data gaps sampling and analysis plan (SAP) (Shaw Environmental Inc [Shaw] 2003). The results of the sampling were presented in the "Final Field Activity Report Environmental Baseline Survey Data Gaps Investigation Naval Station Treasure Island" (Shaw 2005b). Finally, in 2004, the Navy conducted this SEBS, which included interviews and visual site inspections (VSI).

This SEBS was published for public comment as a revised draft final SEBS on March 10, 2005. Comments were received from DTSC, EPA, the Water Board and the TIDA. A draft response to comments (RTC) was distributed to the commentors at the June BCT meeting, June 7, 2005, followed by a working group meeting on June 14, 2005 to discuss and finalize the RTCs. The finalized RTCs are attached as Appendix C.

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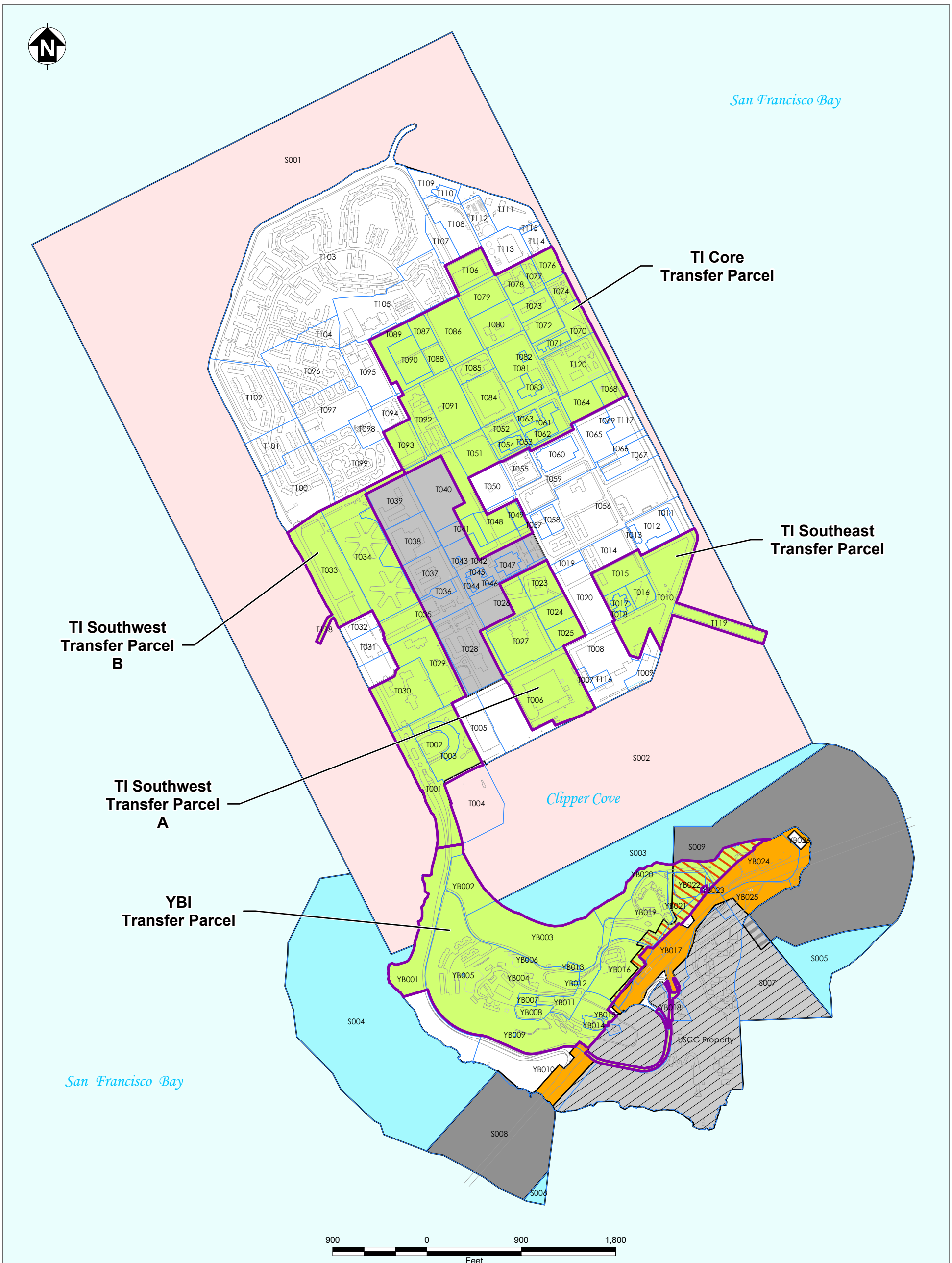
Naval Station Treasure Island
U.S. Department of the Navy, BRAC PMO West, San Diego, CA

FIGURE 1-1
LOCATION MAP

2005-07-06 V:\Treasure Island\Projects\SEBS\Draft_Final\1-1_Location_Map.mxd TtEMI-SF Aleksandr Zhuk

DS.B034.14208



ROAD
BUILDING
EBS PARCEL
TRANSFER PARCELS
Transfer Parcel
California Department of Transportation (Caltrans)
FHWA Submerged Land Parcel (Reversionary)*
FHWA Upland Parcel*
U.S. Department of Labor, Job Corps (Transferred)
USCG (Transferred)
USCG (Submerged, Transferred)*
Submerged Parcel
Submerged Parcel (Reversionary)

Notes:
EBS Environmental baseline survey
FHWA Federal Highway Administration
TI Treasure Island
USCG U.S. Coast Guard
YBI Yerba Buena Island
* Subject to FHWA temporary construction easement

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Naval Station Treasure Island
U.S. Department of the Navy, BRAC PMO West, San Diego, CA

FIGURE 1-2
TRANSFER PARCELS

2005-07-06 V:\Treasure Island\Projects\SEBS\2004\Transfer_Parcels.mxd TtEMI-SF Aleksandr Zhuk

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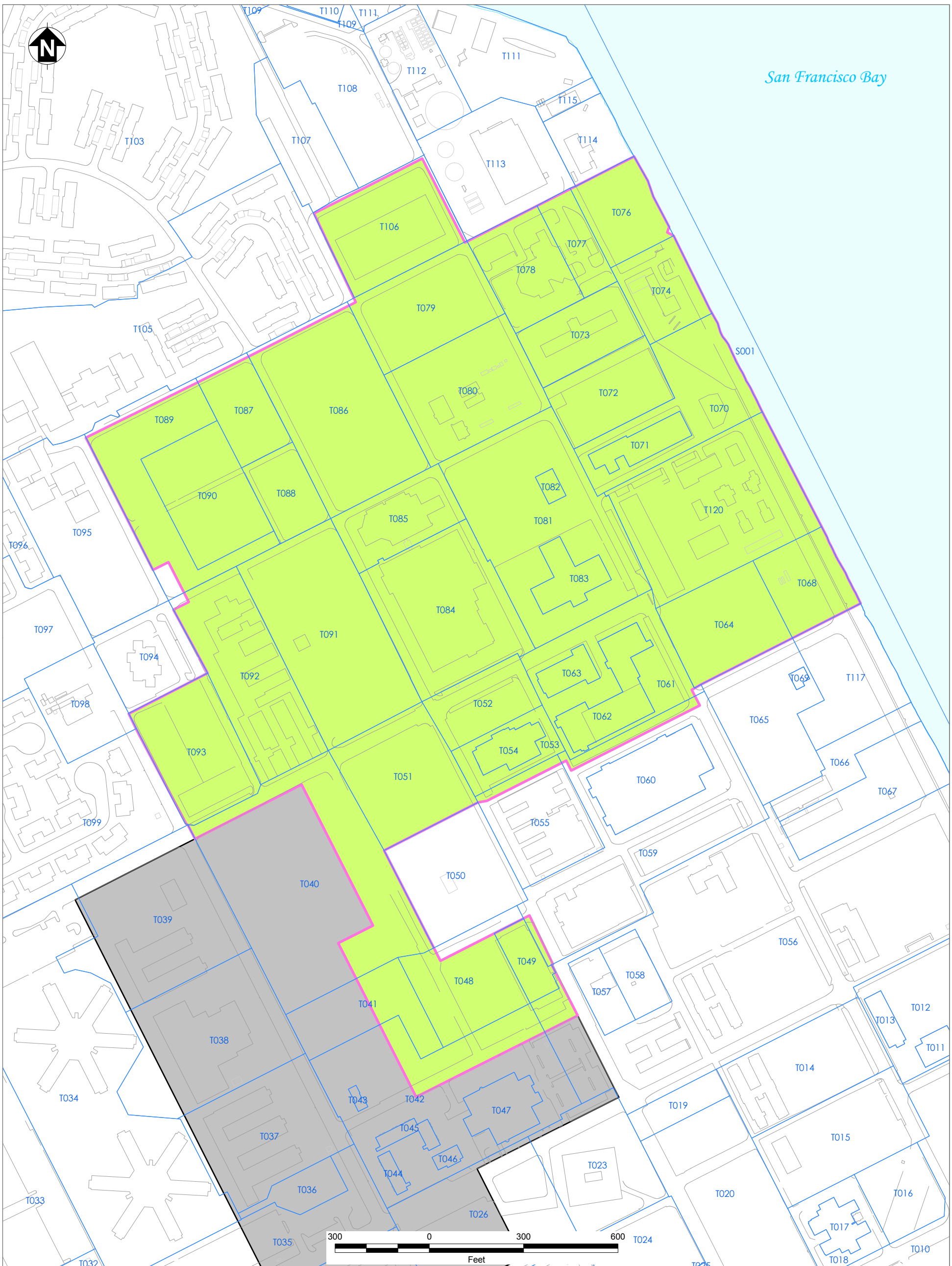

ROAD
BUILDING
EBS PARCEL
TI Core Transfer Parcel
Job Corps (Transferred)

Notes:
EBS Environmental baseline survey
TI Treasure Island

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U.S. Department of the Navy, BRAC PMO West, San Diego, CA

FIGURE 1-2A
TI CORE
TRANSFER PARCEL

2005-07-06 V:\Treasure Island\Projects\SEBS\2004\Transfer_Parcel_TI_Core.mxd TtEMI-SF Aleksandr Zhuk

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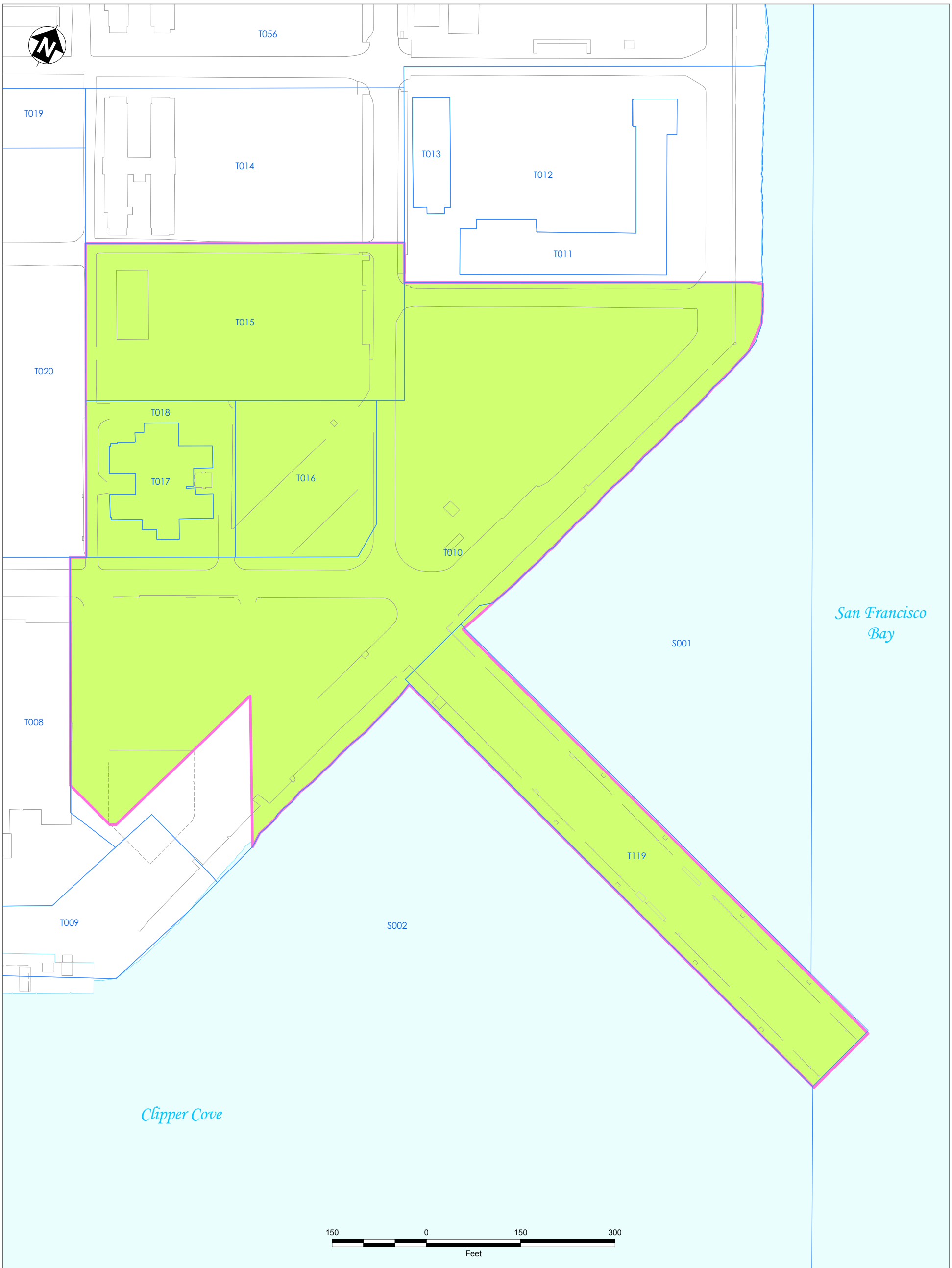

ROAD
BUILDING
EBS PARCEL
TI Southeast Transfer Parcel

Notes:
EBS Environmental baseline survey
TI Treasure Island

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U.S. Department of the Navy, BRAC PMO West, San Diego, CA

FIGURE 1-2B
TI SOUTHEAST
TRANSFER PARCEL

2005-07-06 V:\Treasure Island\Projects\SEBS\2004\Transfer_Parcel_TI_SE.mxd TtEMI-SF Aleksandr Zhuk

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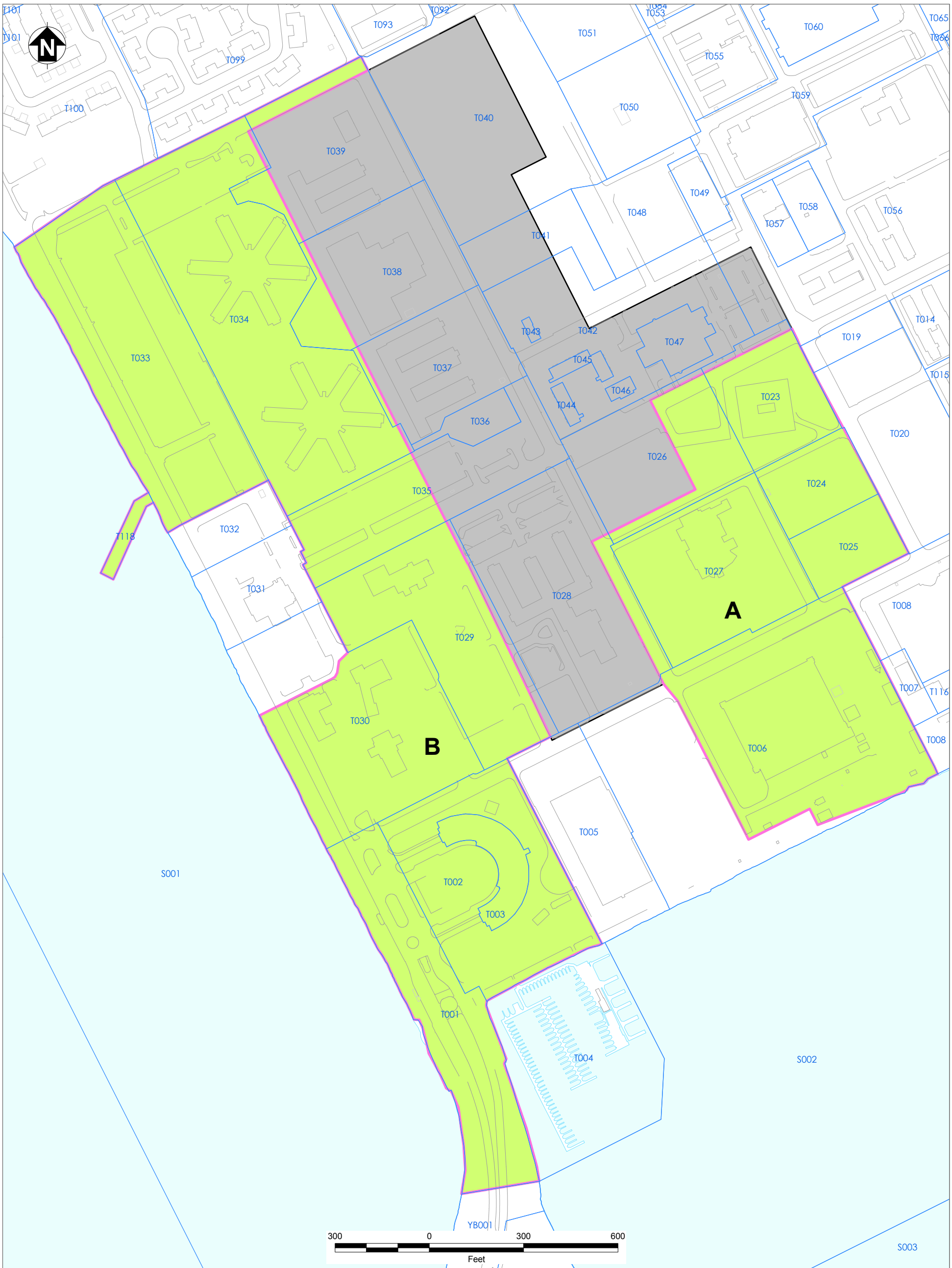

ROAD
BUILDING
EBS PARCEL
TI Southwest Transfer Parcel
Job Corps (Transferred)

Notes:
EBS Environmental baseline survey
TI Treasure Island

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Naval Station Treasure Island
U.S. Department of the Navy, BRAC PMO West, San Diego, CA

FIGURE 1-2C
TI SOUTHWEST
TRANSFER PARCEL

2005-07-06 V:\Treasure Island\Projects\SEBS\2004\Transfer_Parcel_TI_SW.mxd TtEMI-SF Aleksandr Zhuk

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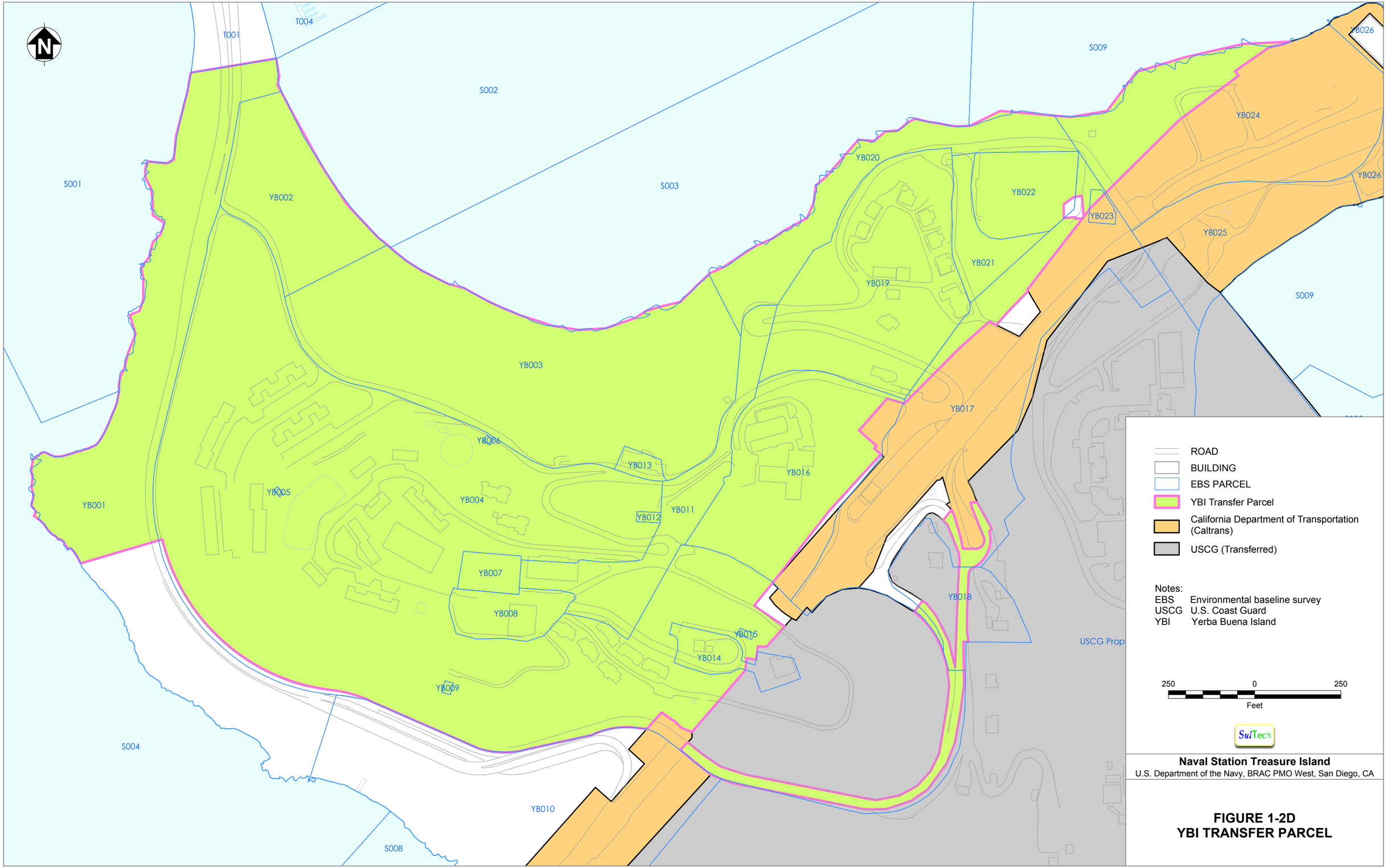
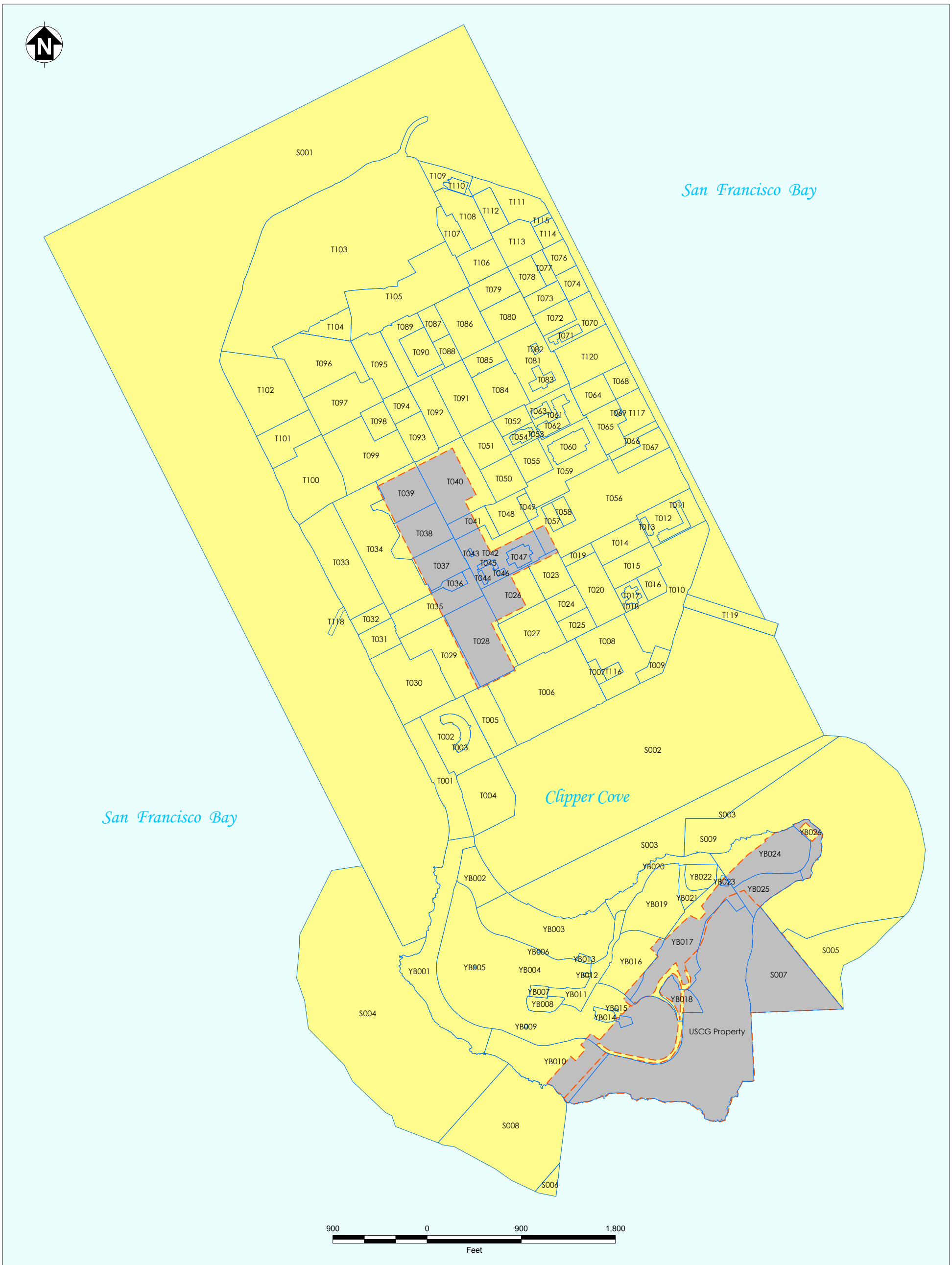


FIGURE 1-2D
YBI TRANSFER PARCEL

2005-07-06 V:\Treasure Island\Projects\SEBS\2004\Transfer_Parcel_YBI.mxd TtEMI-SF Aleksandr Zhuk



PROPERTY SUBJECT TO SEBS

PROPERTY NOT SUBJECT TO SEBS

EBS PARCELS

Notes:
EBS Environmental baseline survey
SEBS Supplemental EBS
USCG U.S. Coast Guard

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Naval Station Treasure Island

U.S. Department of the Navy, BRAC PMO West, San Diego, CA

FIGURE 1-3
SEBS FOOTPRINT

2005-07-06 V:\Treasure Island\Projects\SEBS\2004\SEBS_Footprint.mxd TtEMI-SF Aleksandr Zhuk

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2.0 1995-2003 ENVIRONMENTAL BASELINE SURVEY METHODOLOGY

The approach, method of evaluation, and key documents used in preparing the 1995 basewide EBS and subsequent site-specific SEBSs are presented in this section.

2.1 APPROACH AND RATIONALE

This SEBS and the 1995 EBS were prepared in accordance with the documents specified in Section 1.2, including DoD policy on CERFA implementation (DoD 1994a), which states:

> "The EBS will be based on all existing environmental information related to storage, release, treatment, or disposal of hazardous substances or petroleum products on the property to determine or discover the obviousness of the presence or likely presence of a release or threatened release of any hazardous substances or petroleum product. In certain cases, additional data, including sampling, may be needed in the EBS to support the finding of suitability for transfer determination."

Procedures for conducting an EBS are also described in the policy on CERFA (DoD 1994a). Using "all sources of available information concerning environmentally significant current and past uses of the real property," the EBS is to consist of the following:

- A detailed search and review of available information and records, including: information gathered from investigations (such as remedial investigation [RI], expanded site inspection, and RCRA facility assessment) and surveys conducted (asbestos containing material [ACM], lead-based paint [LBP], radon, and transformers containing polychlorinated biphenyls [PCBs]) to determine what, if any, hazardous substances or petroleum products may be present on the property
- A review of all reasonably obtainable federal, state, and local government records for each adjacent facility where a release of any hazardous substance or petroleum product has occurred and that is likely to cause or contribute to a release or threatened release of any hazardous substances or petroleum products on the property
- An analysis of aerial photographs that may reflect prior uses of the property
- Interviews with current or former employees involved in operations on the property
- Visual inspections of the property, infrastructure on the property, and properties immediately adjacent—noting sewer lines, runoff patterns, evidence of environmental impacts, and other observations that indicate an actual or potential release of hazardous substances or petroleum products
- Identification of sources of contamination on the installation and on adjacent properties that could migrate to the parcel

- Ongoing response actions at or adjacent to the property
- A physical inspection of adjacent properties to the extent permitted by owners or operators of those properties
- Sampling, if circumstances warrant.

In an effort to comply with various federal, state, and local regulatory requirements, the Navy conducted the 1995 EBS, subsequent SEBS reports, and numerous investigations and remedial actions at the station since the early 1980s as part of the Navy/DoD IR and other compliance programs. As a result, a considerable amount of background information has been compiled for NAVSTA TI. Relevant technical guidance and public participation documents have been, and continue to be, compiled into an administrative record for public viewing.

In addition, Tetra Tech has reviewed new documentation on investigations and removals generated since the 1995 EBS report and has updated the EBS Parcel ECP categorization to reflect the current environmental condition of the property.

2.2 SURVEYS AND REVIEWS

This section summarizes reports of general surveys and reviews used while conducting the basewide EBS and other investigations through 2003.

2.2.1 Visual Survey

ERM-West performed VSIs of the station to support the 1995 EBS report. On May 1, 1995, the BCT discussed the potential problematic areas and eliminated many based on the available information (BCT 1995a). Other sites were resolved by a BCT site walk on May 26, 1995, and through subsequent discussion (BCT 1995b). The remaining locations were slated for sampling. The status of all these sites—whether resolved by discussion or the site walk, or scheduled for sampling—was documented in the "Final Environmental Baseline Survey Sampling Work Plan for Naval Station Treasure Island" (ERM-West 1996a). The results of the sampling were presented in the "Environmental Baseline Survey Sampling and Analysis Summary Report Naval Station Treasure Island" (Tetra Tech and U&A 1999a).

In addition, numerous site inspections occurred at the NAVSTA TI as part of the CERCLA, RCRA, and petroleum programs. In addition to their long standing lease with the San Francisco Unified School District, the Navy has conducted an out-lease program to the Treasure Island Development Authority (TIDA) that includes oversight inspections of TIDA activities. Current Navy and TIDA tenants are listed in Table 2-1. Figures 3-1 and 3-2 include all the buildings presently located on TI and YBI, respectively. Only one reported release or spill to the environment has been associated with tenant activities at NAVSTA TI—a release of LBP and diesel by a painting subcontractor, Robison-Prezioso, Inc (RPI), a subtenant of California Engineering Contractors (CEC), in the area of Building 540 located in EBS Parcels T088 and T091.

Recent site inspections of areas where the BCT did not have sufficient information from previous EBS documents were conducted on December 21, 2001; March 12, 2002; March 29, 2002; and May 22, 2002. The results are documented in the BCT meeting minutes for January 8, 2002 (BCT 2002a); February 5, 2002 (BCT 2002b); May 7, 2002 (BCT 2002c); and June 4, 2002 (BCT 2002d). Sites where resolution with the available information was not possible were slated for sampling and were documented in an EBS data gaps SAP (Shaw 2003a). In addition, the Navy advanced three trenches in the southwest area in November 2004 to confirm that this area was not used for widespread disposal of debris. No debris was identified in these trenches, and the remainder of the debris was limited to the water lines underlying EBS Parcel T119.

2.2.2 Aerial Photograph Review

The Navy conducted an extensive aerial photograph survey of NAVSTA TI before the 1995 EBS report was prepared to evaluate prior uses of the real property. Aerial photographs reviewed for NAVSTA TI were primarily obtained from Pacific Aerial Surveys in Oakland, California, and the NAVSTA TI Public Affairs Office and museum. The years reviewed were 1943, 1947, 1948, 1953, 1958, 1963, 1968, 1970, 1971, 1976, 1983, and 1991.

Independent of the Navy's aerial photograph review, the U.S. Environmental Protection Agency (EPA) analyzed aerial photographs and compiled them in its "Aerial Photographic Analysis of Naval Station Treasure Island" (EPA 1995). Years reviewed include 1931, 1946, 1947, 1950, 1958, 1963, 1968, 1969, and 1975. Potential environmental issues identified in that report were included in the BCT site walk in 2001 and discussions in 2002 (BCT 2002a, 2002b, 2002c, 2002d) and, where necessary, in the EBS data gaps SAP (Shaw 2003a). The status of these issues is included in this SEBS in Table 6-9.

2.2.3 Document Review

When this SEBS was prepared, restoration and compliance program activity reports submitted after the 1995 EBS report was issued were reviewed and incorporated, as appropriate (see Section 6.0). Information contained in documents issued prior to the 1995 EBS report has been incorporated; however, that information was not verified. References cited in this SEBS report are presented in Section 9.0.

2.2.4 Personnel Interviews

When the 1995 EBS report was prepared, ERM-West identified and interviewed more than 30 key employees who had worked at the site during periods when limited records were available—personnel with historical knowledge of the uses and physical characteristics of the property. The goal was to identify uses of hazardous materials within EBS parcels and the potential for contamination during earlier operational periods. Employees interviewed are listed in Appendix B of the 1995 EBS report.

2.2.5 Chain-of-Title Search

As part of the 1995 EBS report, a chain-of-title search for the NAVSTA TI property was conducted for the 60 years beginning January 1, 1932, and ending December 31, 1992. This task consisted of a review of Naval Facilities Engineering Command Engineering Field Activity West (EFA West) Real Estate Department records for information on property ownership. The review focused on ownership history of the property and on easements granted for underground utilities such as industrial sewers and petroleum pipelines that might have exerted an environmental impact on the property. Additionally, a commercial title search was purchased as part of preparing the 1995 EBS report.

2.2.6 Findings at Adjacent Properties

A database search of adjacent properties was conducted as part of the 1995 EBS report to fulfill the requirements of DoD guidelines for an EBS. A search of regulatory databases was conducted to identify potential sources of contamination on adjacent properties and the status of any relevant action at these sites. The database search covered the area within a 0.25-mile radius of the NAVSTA TI property boundary. Results of the 1995 search are summarized in Section 6.0.

TABLE 2-1: LESSEE STATUS

Final, Supplemental Environmental Baseline Survey, Naval Station Treasure Island

Lessee*	Building Number	Building Area (square feet)
Building 449	Building 449	8,860
Childcare Center	Building 502	10,384
Events Venue Lease	Quarters 1, Buildings 140, 187, 227, 262, 265, and 271	88,685
Fire Fighting Training Center	Buildings 600, 605, 606, 608, 609, 612, 613, 614, and 615	49,065
Homeless Housing	Buildings 1101, 1103, 1105, 1107, 1117, 1139, 1206, 1220, 1244, 1246, 1248, 1251, 1252, 1254, 1401, 1403, 1405, 1406, 1408, 1409, 1410, 1411, 1412, 1413, 1419, 1432, 1433, 1434, 1435, 1440, 1441, 1442, 1443, 1445, 1447	190,624
Land and Structures	Buildings 62, 335, 463, and 540; Parcels T111, T113, T114, and T115	46,001
Police Academy/Sheriff	Buildings 217, 229, 402, 461, 462, 463, 497, 670, and 671; Parcels T077 and T078	120,345
San Francisco Unified School District	Buildings 33-A through 33-H	75,475
South Waterfront	Buildings 1, 2, 3, 34, 91, 96, 99, 111, 112, 114, 141, 143, 146, 180, 346, 358, 384, 394, 413, 448, 469, and 459-B; Parcels T009, T010, and T119	435,127
Treasure Island Housing (John Stewart)	TI Buildings 1102, 1106, 1108, 1109, 1110, 1111, 1112, 1113, 1114, 1115, 1116, 1118, 1120, 1122, 1124, 1126, 1128, 1129, 1131, 1133, 1135, 1137, 1141, 1143, 1145, 1147, 1149, 1201, 1202, 1203, 1204, 1205, 1208, 1210-1219, 1221, 1223, 1224-1228, 1230, 1232-1235, 1237-1243, 1245, 1247, 1249, 1250, 1253, 1301-1316, 1318, 1325, 1400, 1402, 1418, 1420, 1430, 1431, 1436-1439, 1444, and 1449; YBI Buildings 300 through 304, 324 through 329, 331, Quarters 60, 66, 105, 106, 109, and 111	798,282
Treasure Island Marina	Buildings 183, 298, and 496	3,877

Notes:

* This column specifies the lessee of the Building(s) and not the current occupant status.

TI Treasure Island

YBI Yerba Buena Island

3.0 2005 SUPPLEMENTAL BASEWIDE ENVIRONMENTAL BASELINE SURVEY METHODOLOGY

This SEBS survey was conducted in June 2004 to update the environmental condition of EBS Parcels on NAVSTA TI. This section presents the approach, method of evaluation, and key documents used to prepare the 2005 SEBS.

3.1 APPROACH AND RATIONALE

The 2005 SEBS followed a process to systematically analyze all available information and draw conclusions about the current environmental condition of the transfer parcels. Documents from 1988 to the present that describe base surveys or inspections, CERCLA or RCRA studies, and field investigations were reviewed to identify areas where the presence (or absence) of contamination has been confirmed. Navy, City and County of San Francisco (CCSF), and tenant employees were interviewed for information on property uses that may have involved storage or release of hazardous materials or petroleum products. Physical inspections of the property and facilities were conducted to identify any deteriorated ACM or LBP, or additional evidence of spills, stressed vegetation, or any other factor that might indicate contamination. Tetra Tech has relied primarily on information obtained from previous investigations and reports and has not verified the information independently.

3.2 SURVEYS AND REVIEWS

This section summarizes the general surveys and reviews completed while conducting the 2005 SEBS.

3.2.1 Visual Survey

A team of field inspectors conducted basewide VSIs of NAVSTA TI, excluding transferred property (see Figure 1-2 and Figure 3-3), to identify existing environmental conditions that would affect the ECP. These VSIs were intended to identify changes to site conditions that have occurred since the 1995 EBS database. SEBS personnel developed a list of attributes for the VSIs (Appendix A). Photographs of the findings of the VSI are found in an attached photograph log (Appendix B). Section 6.0 of this SEBS summarizes the results of the 2004 VSIs for the non-transferable property. Section 7.0 of this SEBS contains the results of the 2004 VSIs for the transfer parcels.

3.2.2 Document Review

EBS and FOST guidance documents were reviewed for information that could affect the ECP of EBS parcels at NAVSTA TI (DoD 1994a, 1994b). Section 6.0 summarizes the findings of the document review for non-transferable property. Section 7.0 summarizes the findings of the document review for each transfer parcel.

3.2.3 Personnel Interviews

SEBS personnel contacted past and present employees at TI selected for their knowledge of station operation, and specifically of the transfer parcels. SEBS personnel also contacted employees of leased property on the base to evaluate whether any activity on the property affected the transferability of the parcels. Leased and transferred property was not inspected as part of the 2004 VSIs. The following people were interviewed:

- Charles Smith, California Department of Transportation (Caltrans) (Tetra Tech 2004o)
- Reginald Hairston, John Stewart Company (Tetra Tech 2004i)
- Steven Edde, Innovative Technical Solutions, Inc. (ITSI) (Tetra Tech 2004n)
- Steven Chan, Job Corps (Tetra Tech 2004k)
- Jerry Busch, Navy Real Estate Office (Tetra Tech 2004b)
- Scott Anderson (Tetra Tech 2004g), La Rae Landers (Tetra Tech 2004c), and James Sullivan (Tetra Tech 2004f), BRAC PMO West
- Virginia St. Jean, Inspector, City and County of San Francisco, Department of Public Health, Environmental Health Management, Hazardous Materials Unified Program Agency (Tetra Tech 2004h)
- Vic Zerzynski, San Francisco Public Utilities Commission (PUC) Hetch Hetchy (Tetra Tech 2004m)
- Michael Mentink, Treasure Island Caretaker's Site Office (CSO) (Tetra Tech 2004e)
- Marc McDonald, TIDA (Tetra Tech 2004l)
- Sherry Williams, Treasure Island Homeless Development Initiative (TIHDI) (Tetra Tech 2004j).

Caltrans operates on approximately 20 acres of property on YBI referred to as the Federal Highway Administration (FHWA) fee parcel (property the Navy had reassigned to FHWA). According to Mr. Charles Smith, site contact for Caltrans, no additional leaks or spills had occurred other than any that had previously been reported at the Bay Bridge construction site. Mr. Smith indicated additional fuel contamination was identified outside of where the Navy is currently investigating. Caltrans identified the area when fuel contamination was discovered in two soil borings on or near Caltrans property. He said that the petroleum extended up to 30 feet beyond the area the Navy identified in the horizontal direction. The deep petroleum was found in the Caltrans boring near the fire station and parade grounds.

Since 1995, the John Stewart Company has managed a number of buildings (housing units) on property leased to TIDA in the former NAVSTA TI housing area on the northwestern side of TI and central YBI. Mr. Reginald Hairston, property administrator for John Stewart Company, was not aware of any spills or releases of hazardous materials to the environment or of storage of any hazardous materials on the leased property.

Mr. Steven Edde is a former Navy employee stationed at NAVSTA TI. Mr. Edde currently attends restoration advisory board meetings. He was not aware of any releases to the environment that would affect the leased or un-leased property located on NAVSTA TI.

Mr. Steve Chan is the maintenance supervisor for Job Corps, which is located in the central portion of TI. Mr. Chan said that no hazardous wastes were generated at the facility and that no materials hazardous to the environment were at the facility. He did not know of any leaks or spills. He stated that Job Corps stores waste oil in two tanks, but the tanks are inspected daily and the discharge valve is locked at all times. Job Corps recently replaced the underground grease traps, and the ones that were removed were in good condition with no evidence of leaks.

Mr. Jerry Busch is the project leader for the Navy's NAVSTA TI Real Estate Group. Mr. Busch was not aware of any releases to the environment that would affect the leased or un-leased property on NAVSTA TI.

Mr. Scott Anderson of BRAC PMO West and a Navy remedial program manager (RPM) assigned to NAVSTA TI was not aware of any releases to the environment that have not been remediated or investigated and that would affect the leased or un-leased property located on NAVSTA TI. Ms. La Rae Landers is lead RPM for NAVSTA TI. Ms. Landers mentioned the ongoing historical radiological assessment, but was not aware of any releases to the environment that would affect the leased or un-leased property located on NAVSTA TI. Mr. James Sullivan is the BRAC environmental coordinator for NAVSTA TI. Mr. Sullivan was not aware of any unreported hazardous materials storage or spills.

Ms. Virginia St. Jean is the inspector, for the City and County of San Francisco, Department of Public Health, Environmental Health Management, Hazardous Materials Unified Program Agency at NAVSTA TI. Ms. St. Jean said that the HMUPA is not usually notified of spill incidents on NAVSTA TI. Ms. St. Jean mentioned ongoing cleanup at a Caltrans contractor site. She reported a previous investigation of LBP and diesel in EBS Parcel T091. RPI was a painting subcontractor for Caltrans, a subtenant of CEC in the Building 540 area. According to Ms. St. Jean, RPI was under a DTSC enforcement order to clean up contamination related to LBP and spilled diesel fuel.

Mr. Vic Zerzynski of the CCSF PUC Hetch Hetchy aqueduct was unaware of any hazardous material releases or spills on the non-transferable EBS parcels. CCSF PUC operates the electrical, water, and sanitary sewer systems on TI and YBI.

Mr. Michael Mentink of the TI CSO was aware of several areas where hazardous material has been generated or spilled. An area known as Lot 69 (EBS Parcel T117, directly adjacent to EBS Parcel T066) is NAVSTA TI's permitted 90-day storage yard (Figure 6-4). It is a bermed and

covered hazardous waste storage yard built for that purpose. In the past, NAVSTA TI has stored hazardous waste in Lot 69. All of it has been properly disposed of. Currently, NAVSTA TI stores only nonhazardous investigative-derived waste (IDW), which is groundwater from the groundwater monitoring program. In addition, approximately 2,500 gallons of pontoon cleaning water has been generated and stored for less than 1 year in IR Site 6. A spill of approximately 344 gallons of pontoon wastewater was reported on October 10, 2000. The spill was immediately cleaned up, and no release to San Francisco Bay occurred. The PUC is currently storing electrical transformers in Lot 69. During a recent site walk, Mr. David Rist of DTSC noted a leaking transformer. It is unknown whether the transformer contained PCBs. Several other transformers stored in Lot 69 did not bear "PCB Free" labels. Mr. Mentink reported one release or spill to the environment associated with tenant activities at NAVSTA TI—a release of LBP and diesel by a painting subcontractor, RPI, a subtenant of CEC, in the area of Building 540 located in EBS Parcel T091.

Mr. Marc McDonald is a representative of TIDA, which is responsible for operating and maintaining several leased buildings and residential housing on TI and YBI. Mr. McDonald had no knowledge of spills or releases between 1995 and the present at TI or YBI.

Ms. Sherry Williams is the point of contact for TIHDI. TIHDI is responsible for several leased buildings on TI, particularly in the current TI housing area on the northwestern side of TI. Ms. Williams was not aware of any releases or spills of hazardous materials from either a tenant or any of the organizations that operate on TI. Ms. Williams was not aware of any spill or releases to the environment from the TIHDI housing area on TI from 1995 to the present.

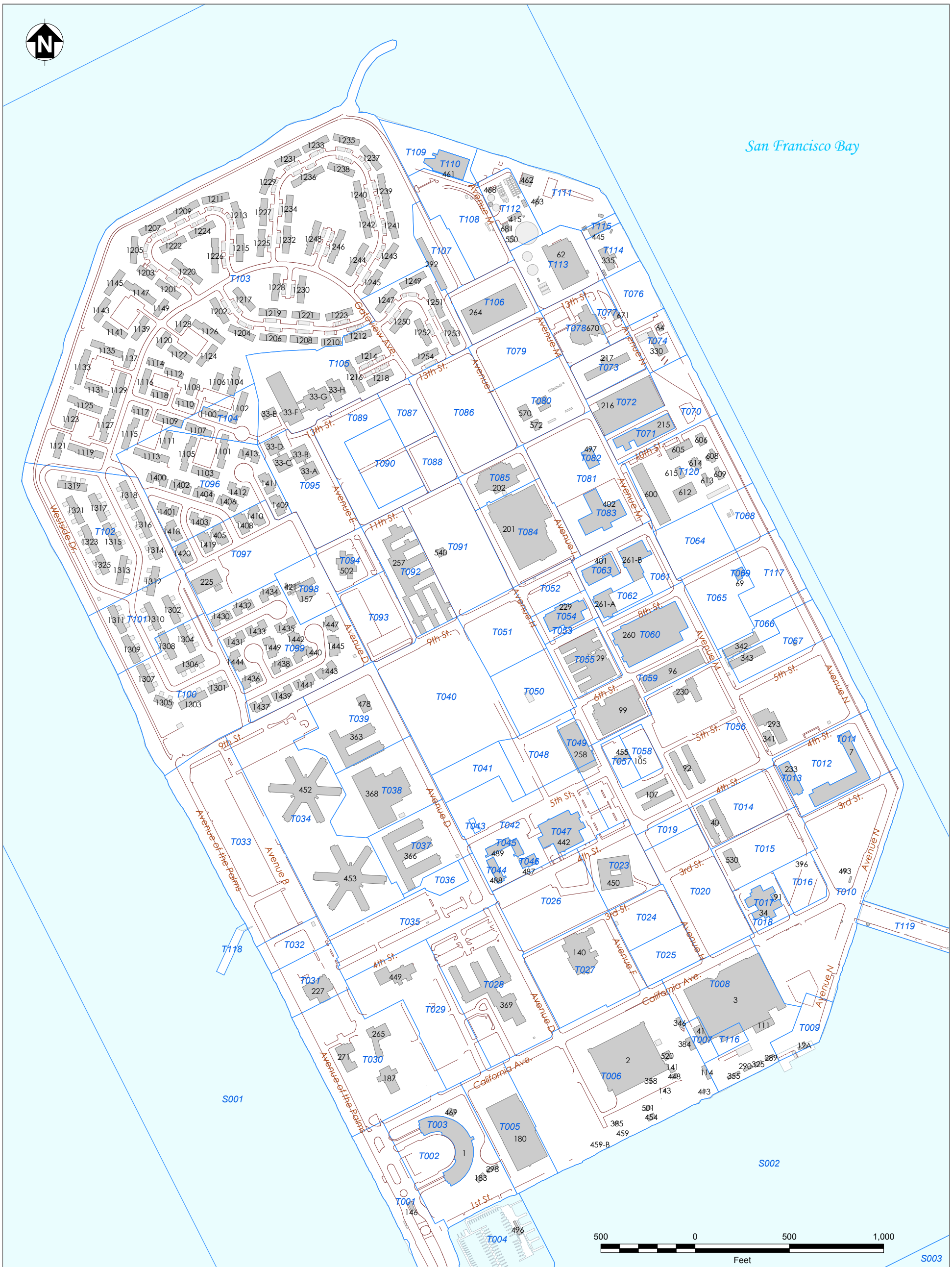
3.2.4 Property Transfer Review

Since the 1995 basewide EBS, areas of TI and YBI have been transferred by the Navy or reassigned by FHWA. These properties include the U.S. Department of Labor Job Corps property on TI and the U.S. Coast Guard (USCG) property on YBI. FHWA also reassigned certain property from the Navy to themselves, and then deeded it to Caltrans. See the property referred to as "FHWA Fee Parcel" on Figure 1-2.

3.2.5 Findings at Adjacent Properties

Investigation of the adjacent properties as part of the 2004 SEBS included VSIs and interviews with the NAVSTA TI RPMs, as well as interviews with other past and present employees and representatives of leased property on NAVSTA TI (Figure 3-4). These VSIs and interviews were conducted to evaluate the potential for hazardous substance operations or releases that could affect transfer parcels. Adjacent properties for this basewide SEBS consist of property on TI transferred to the U.S. Department of Labor, Job Corps, property on YBI transferred to USCG, and the fee parcel on YBI occupied by Caltrans.

VSIs and interviews did not identify any hazardous substances reported as stored or released on adjacent parcels that could affect the four transfer parcels.



BUILDINGS
EBS PARCELS
ROADS

Note:
EBS Environmental baseline survey

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U.S. Department of the Navy, BRAC PMO West, San Diego, CA

FIGURE 3-1
BUILDING LOCATIONS - TREASURE ISLAND

2005-07-06 V:\Treasure Island\Projects\SEBS\2004\Buildings_TI.mxd TtEMI-SF Aleksandr Zhuk

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BUILDINGS
EBS PARCELS
ROADS

Notes:
EBS Environmental baseline survey
USCG U.S. Coast Guard

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FIGURE 3-2
BUILDING LOCATIONS -
YERBA BUENA ISLAND

2005-07-06 V:\Treasure Island\Projects\SEBS\2004\Buildings_YBI.mxd TtEMI-SF Aleksandr Zhuk

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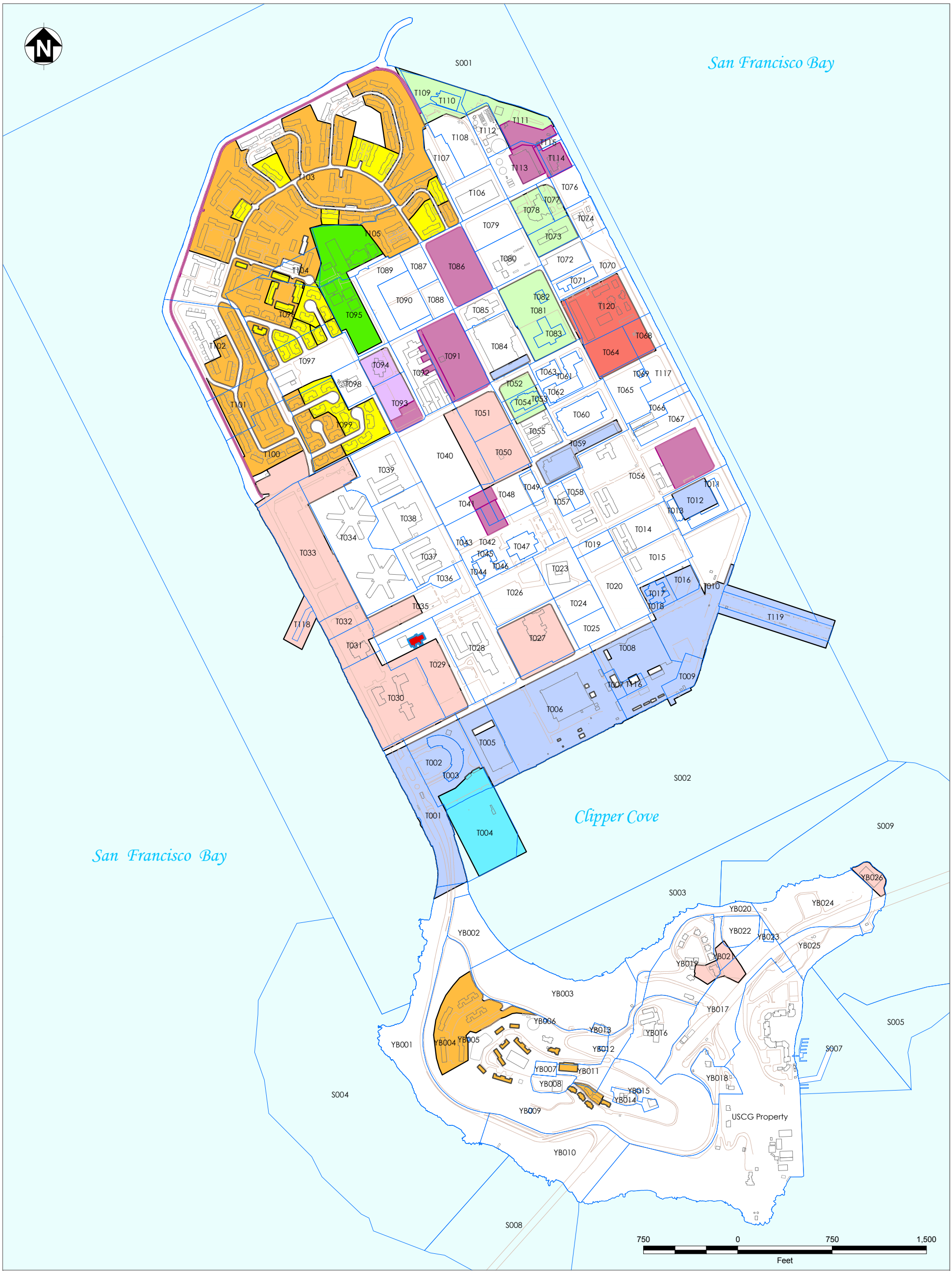

AREAS LEASED TO TIDA
(Contract Name and Number)

- Building 449, N6247498RP00P48
- Childcare Center, N6871102RP02P09
- Events Venue Lease, N6247498RP00Q03
- Fire Fighting Training Center, N6247498RP00P22
- Homeless Housing, N6247499RP00B19
- Land and Structures, N6247499RP42P12 (exp. 11/18/04)
- Police Academy/Sheriff Lease, N6247499RP00B08
- South Waterfront, N6247498RP00P99 (exp. 9/2004)
- Treasure Island Housing (John Stewart), N6247499RP00B05
- Treasure Island Marina, N6247498RP00Q01

- EBS PARCELS
- BUILDINGS

AREAS LEASED BY NAVY

- SFUSD Lease

Notes:

EBS	Environmental baseline survey
SFUSD	San Francisco Unified School District
TIDA	Treasure Island Development Authority
USCG	U.S. Coast Guard

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FIGURE 3-3
LEASED PROPERTY

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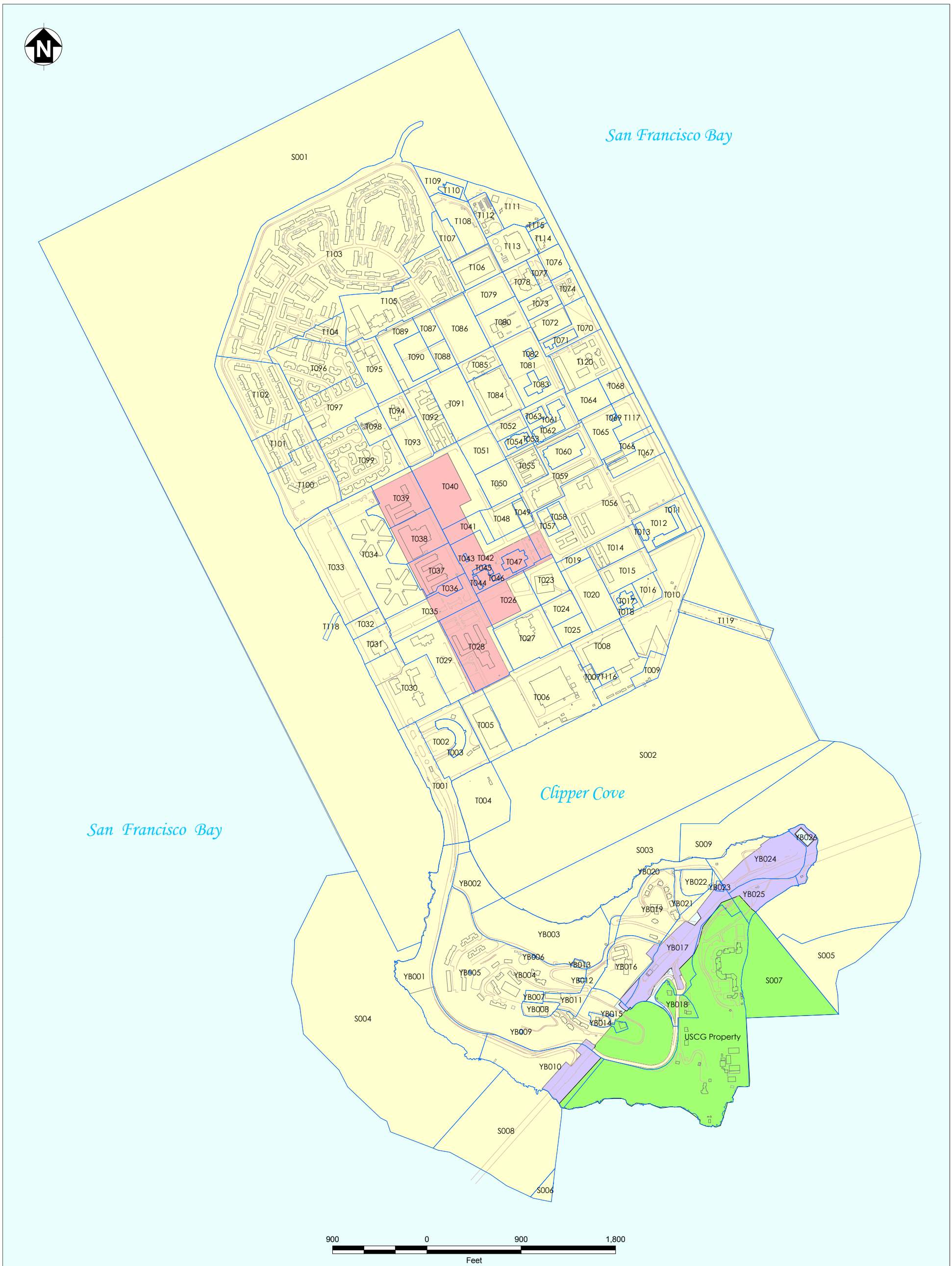

ROADS
BUILDINGS
EBS PARCELS
PROPERTY INCLUDED IN SEBS

ADJACENT PROPERTY

California Department of Transportation (Caltrans)
U.S. Department of Labor, Job Corps
U.S. Coast Guard (USCG)

Notes:
EBS Environmental baseline survey
SEBS Supplemental EBS
USCG U.S. Coast Guard

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Naval Station Treasure Island
U.S. Department of the Navy, BRAC PMO West, San Diego, CA

FIGURE 3-4
LOCATIONS OF ADJACENT TRANSFERRED PROPERTY

2005-07-06 V:\Treasure Island\Projects\SEBS\2004\Adjacent_Transferred_Propt.mxd TtEMI-SF Aleksandr Zhuk

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4.0 FORMER, CURRENT, AND PROPOSED REUSE OPERATIONS

This section provides information on the past and present operations at the NAVSTA TI transfer parcels, as well as the proposed reuse. An extensive aerial photograph review and a chain-of-title search during preparation of the EBS helped identify historic land uses, potential hazardous substance sources, and waste management practices at NAVSTA TI (ERM-West 1995a). The facility was closed in 1997 and is currently inactive except for Job Corps, TIDA, TIDA tenants, USCG, and caretaker maintenance in non-transferred or un-leased property.

4.1 HISTORICAL USES

This section summarizes the past and current operations at NAVSTA TI.

4.1.1 Pre-Historical Activities

Some of the earliest sites recorded in the vicinity, south of NAVSTA TI in San Jose and Scotts Valley, date to as early as 8000 BC. Based on data and material gathered from extensive archaeological excavations at several large prehistoric shellmounds (sites where marine resources were consumed), humans apparently occupied the San Francisco Bay area thousands of years ago. Evidence suggests that the bay was used by groups of hunters and gatherers between 5000 and 2000 BC who subsisted on a wide variety of land, bayshore, and marsh resources. Later groups that occupied the region are believed to have relied primarily on shellfish. Although the aboriginal populations may have been affected by fluctuating sea levels, use of the region appears to have been continuous until the historic period (U.S. Department of the Navy, Southwest Division Naval Facilities Engineering Command [SWDIV] 2003).

4.1.2 Historical Operations: Non-Navy Uses

The following chronology summarizes pre-Navy operations at NAVSTA TI:

Period	Type of Operation	Hazardous Substance Activities
1775-1835	Spanish and Mexican control	Not applicable (NA)
1835-1867	Private ownership	NA
1850	Initiation of United States control of California	NA
1867	U.S. Army confiscates YBI	NA
1868-1879	U.S. Army artillery base on East Cove	Residential facilities and supporting outbuildings (mess hall, laundry, galley, hospital, and similar facilities)
1875	Establishment of U.S. Lighthouse Service lighthouse and buoy depot	Residential facilities and supporting out buildings (mess hall, laundry, galley, equipment maintenance facilities, and similar facilities)
1891	Construction of Army Torpedo Station on East Point	Operations to support the assembly and deployment of torpedoes

Period	Type of Operation	Hazardous Substance Activities
1892	Property (except lighthouse reserve) transfer from Army Quartermaster to Army Corps of Engineers	NA
1898	U.S. Navy acquisition of YBI from U.S. Army	NA
1936-1937	Construction of TI from sediments dredged from San Francisco Bay	NA
1938-1946	Pan American Airlines China Clipper Service	Seaplane operations and support.
1939-1940	The Golden Gate International Exposition	NA

Military activities at what is now YBI date back to 1867, when the U.S. government took possession of the island for defensive fortifications. YBI was occupied by the U.S. Army until 1898, when the Navy assumed operations.

TI was constructed between 1936 and 1937 for the Golden Gate International Exposition of 1939-1940. The Navy leased TI from the City of San Francisco in 1941, and the Navy gained title to the island in 1943 (Mare Island Naval Shipyard [MINS] 1995a).

4.1.3 History of Navy Operations: Transfer Parcels

Property currently identified as suitable for transfer has been grouped according to contiguity of EBS parcels, similarity of past or future land use, and shared environmental concerns. The four EBS parcel groupings, each containing multiple EBS parcels, are: the TI Southwest Transfer Parcel A and B (referred to hereinafter as TI Southwest Transfer Parcel), the TI Southeast Transfer Parcel, the TI Core Transfer Parcel, and the YBI Transfer Parcel. The TI Southwest Transfer Parcel consists of two non-contiguous parcels separated by EBS Parcel T005 and portions of EBS Parcel T006. The TI Southwest Transfer Parcel which was originally one parcel was separated when EBS Parcels T005 and portions of T006 were removed to allow for additional evaluation of environmental conditions in the removed area. Table 4-1 summarizes information regarding the historical buildings, including the EBS parcel, building type, and year constructed. Figure 4-1 shows the location of the historical buildings.

This section summarizes the historical uses of the four transfer parcels. The word "partially" used below indicates when a part of the parcel is included in the FOST currently being prepared.

- The TI Southwest Transfer Parcel encompasses 71.79 acres; it wholly or partially contains T001, T002, T003, T006, T023, T024, T025, T026, T027, T028, T029, T030, T033, T034, T035, T037, T038, T039, and T118 (Pier 23) (Figure 1-2C). The southern part of the parcel has been used as an entrance thoroughfare for Naval Station TI from 1943 to the present. The eastern shoreline has been used primarily for reserve training, vehicle and seaplane maintenance, and a hangar. The northwestern area of the parcel was used for exposition halls, barracks, a dispensary, retail shops, fire station storage, tennis and basketball courts, and open space. The northern area of the parcel was used for open space, world's fair parking, storage, and structures, barracks, transformer housing, and offices.

- The TI Southeast Transfer Parcel encompasses 17.39 acres; it wholly or partially contains EBS Parcels T010, T015, T016, T017, T018, and T119 (Figure 1-2B). Historically, the parcel was used for fuel storage, fuel dispensing, vehicle and equipment storage, open space, and parking.

- The TI Core Transfer Parcel encompasses 83.64 acres; it wholly or partially contains EBS parcels T040-T042, T048, T049, T051-T056, T059, T061-T064, T068, T070-T074, T076-T093, T106, and T120 (Figure 1-2A). Historically, the parcel has been used for laboratory and radio school, classrooms, and barracks. This parcel has also been used for entertainment, including a movie theater, sports courts, a bowling alley, a skating rink, an indoor swimming pool, an amusement center, and a baseball field.

- The YBI Transfer Parcel located along the southwest portion of YBI encompasses 77.11 acres; it wholly or partially contains EBS parcels YB001, YB002, YB003, YB004, YB005, YB006, YB007, YB008, YB009, YB011, YB012, YB013, YB014, YB015, YB016, YB017, YB018, YB019, YB020, YB021, YB022, YB023, and YB024 (Figure 1-2D). From 1898 to 1923, the Navy constructed residential facilities and supporting outbuildings (garage and carriage house), a dispensary, a brig, an isolation ward, "steel oil storage tanks," and water reservoirs (JRP Historical Consulting Services 1997). The period from 1923 to 1936 saw the construction of residential duplexes, a school, two garages, and recreation buildings. The area along the northeast side of the parcel was open space and densely vegetated sloped terrain. The area also contained piers, a tank farm (YB002), a former pistol and small arms range (YB003), and several buildings, since demolished, ranging in use from transformer stations to a machine shop (YB020). The central part of the parcel contained barracks buildings (YB004, YB011), freshwater tanks, and open space and densely vegetated areas.

4.2 CURRENT OPERATIONS

This section summarizes current operations at the TI Southwest Transfer Parcel, TI Southeast Transfer Parcel, TI Core Transfer Parcel, and YBI Transfer Parcel. Table 4-2 summarizes information regarding the past and current use of each building. Table 4-3 summarizes the past and current use of the open space in each of the four transfer parcels.

- The TI Southwest Transfer Parcel includes areas currently used for special events and vacant space. TIDA has leased buildings and areas along the southwestern shoreline and the southern portion along the waterfront (Figure 3-3). Buildings along the southwestern shoreline are leased for special events. Most leased buildings along the south waterfront are vacant except for Buildings 1 (various tenants), 3 (Island Creative Management).

- The TI Southeast Transfer Parcel is currently used by TIDA and PUC. TIDA has leased several buildings that are currently unoccupied. PUC occupies several small buildings related to TI's sewage system.

- The TI Core Transfer Parcel has been divided into areas leased to the TIDA and areas still maintained by the Navy. Buildings located in EBS Parcel T120 are used for a fire fighting training center. Buildings in EBS Parcels T054, T081-T083, T073, T0777, and T078 are used by the Police Academy and Sheriff's Department. Areas located in EBS Parcels T086 and T091 are leased to TIDA. Part of Building 201 in EBS parcel T084 is leased by TIDA.

- The YBI Transfer Parcel is currently used for residential housing and open space.

4.3 PROPOSED REUSE

This section summarizes proposed reuses at TI Southwest Transfer Parcel, TI Southeast Transfer Parcel, TI Core Transfer Parcel, and YBI Transfer Parcel. The proposed reuses are based on the preferred alternative set forth in the final environmental impact statement (EIS) (SWDIV 2003) and shown on Figure 4-2.

- The proposed reuse of the TI Southwest Transfer Parcel includes open space and recreation along the shoreline, as well as hotels, film production, and a conference center.

- The proposed reuse of the TI Southeast Transfer Parcel includes publicly oriented uses and a theme park.

- The proposed reuse of the TI Core Transfer Parcel includes a mix of uses such as open space and recreation along the shoreline, institutional and community (new police and fire station), sports fields, a theme park, and other public-oriented uses.

- The proposed reuse of the YBI Transfer Parcel includes residential, hotels, open space and recreation, and a conference center.

4.4 HAZARDOUS MATERIALS AND WASTE MANAGEMENT

This section provides an overview of hazardous material and hazardous waste management at NAVSTA TI.

4.4.1 Hazardous Material Management

Military activities on NAVSTA TI have included operations and training, administration, general engineering support, medical and dental, materials maintenance, and supply operations. Fuels, lubricants, paints, solvents, and other industrial chemicals have been used throughout much of the history of the station.

Under the requirements of the BRAC process, the basewide EBS was completed in May 1995 (ERM-West 1995a), and the latest BRAC cleanup plan (BCP) was prepared in 1998 (Tetra Tech 1998). The EBS is a broad evaluation and summary of all known and suspected areas where hazardous materials or petroleum products have been handled, stored, disposed of,

or released within the boundaries of NAVSTA TI and adjacent areas. It also identifies clean properties on NAVSTA TI under CERFA. The BCP provides an overview of the environmental restoration and associated compliance programs.

At the time of NAVSTA TI's closure in 1997, hazardous materials that were not required for the environmental site restoration process or caretaker maintenance were collected from all designated storage areas and transferred to the off-site Defense Reutilization and Marketing Office. Materials that were not redistributed or sold were removed and disposed of off site in accordance with RCRA.

Small quantities of hazardous materials continue to be used at NAVSTA TI during the current "caretaker" period while the Navy conducts environmental investigation and restoration necessary for property transfer. These materials consist predominantly of lubricants, degreasers, and cleaners used for general maintenance.

4.4.2 Hazardous Waste Management

During base operations, NAVSTA TI generated approximately 9,921 pounds (4,500 kilograms [kg]) of hazardous waste per month (based on 1991 records) and was classified as a fully regulated generator, subject to all laws and regulations that govern generation and handling of hazardous waste. The Navy hazardous waste management plan for NAVSTA TI (Radian 1992b) remains in effect until NAVSTA TI is transferred to a new owner.

Waste solvents, cleaners, adhesives, and other hazardous wastes were generated by various NAVSTA TI work centers. Hazardous wastes were stored in a designated hazardous waste accumulation area for up to 90 days before they were removed by a hazardous waste handler.

The Navy has a one-time compliance closure program for closing light-industrial and hazardous waste and material accumulation facilities. All hazardous wastes and hazardous materials, other than structural materials such as asbestos and lead-based paint, will be removed in accordance with the NAVSTA TI hazardous waste management plan before property is transferred.

EBS PARCELS

PREVIOUSLY TRANSFERRED PROPERTY

NATIONAL REGISTER LISTED AND ELIGIBLE BUILDINGS AND STRUCTURES

BUILDINGS

ROADS

Notes:
EBS Environmental baseline survey
USCG U.S. Coast Guard
Historic properties include Buildings 1, 2, 3, and 111 on Treasure Island; and Building 262, Quarters 10, and Building 267 (Quarters 10's garage) on Yerba Buena Island. The Senior Officers' Quarters Historic District on Yerba Buena Island includes Quarters 1-7; Buildings 83, 205, and 230; as well as associated landscape elements in the vicinity of these buildings.

Source: U.S. Department of the Navy, Southwest Division Naval Facilities Engineering Command. 2003. "Final Environmental Impact Statement." June 27.

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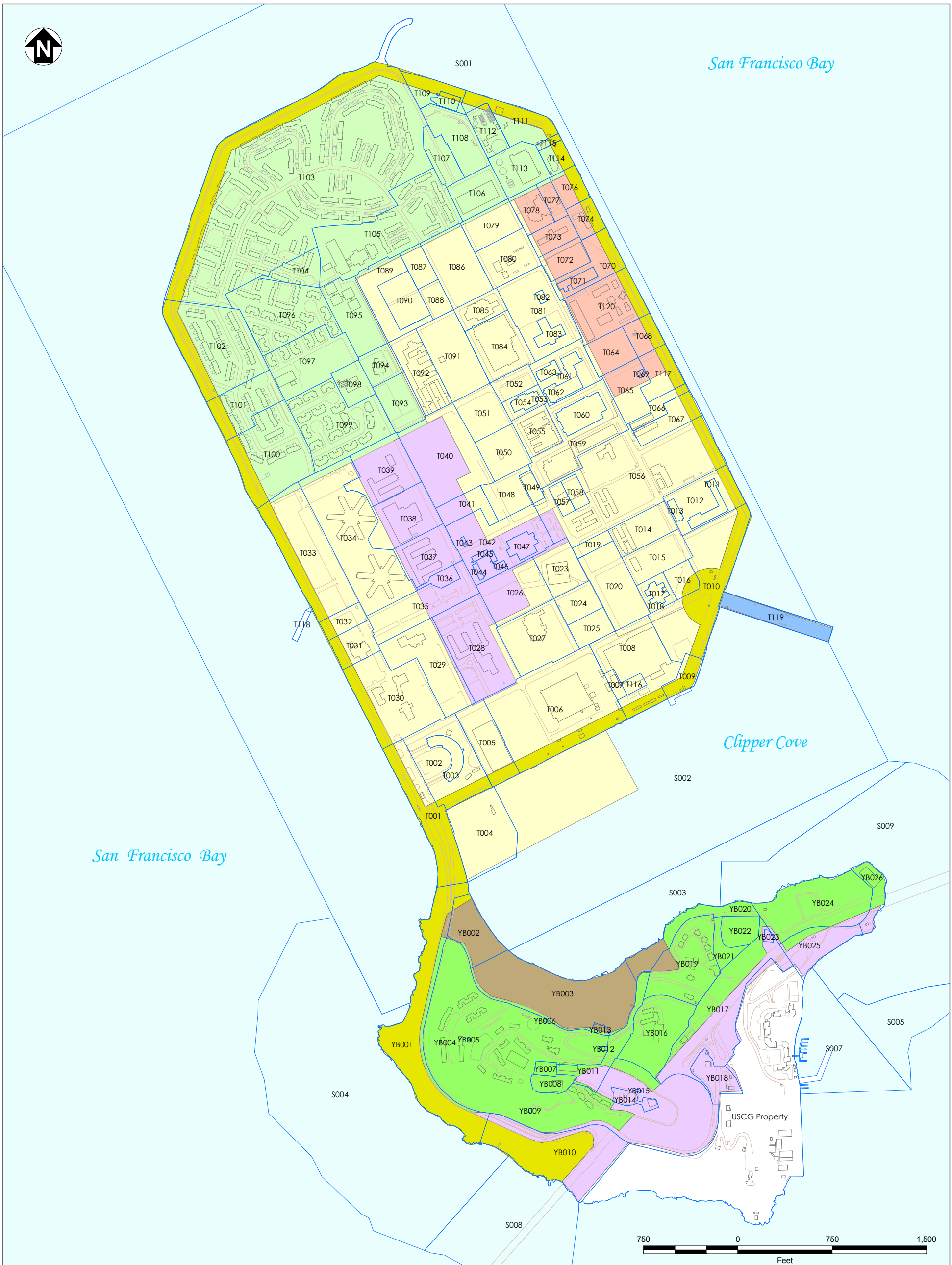
U.S Department of the Navy, BRAC PMO West, San Diego, CA

FIGURE 4-1
HISTORICAL BUILDINGS



ROADS
BUILDINGS
EBS PARCELS
LAND USE AREAS
Institutional
Institutional / Publicly Oriented Uses*
Publicly Oriented Uses*
Residential / Publicly Oriented Uses*
Residential / Open Space / Publicly Oriented Uses*
Shoreline Open Space*
Hillside Open Space*
Maritime / Open Space / Publicly Oriented Uses*

Notes:
CCSF City and County of San Francisco
EBS Environmental baseline survey
USCG U.S. Coast Guard
* U.S. Department of the Navy, Southwest Division Naval Facilities Engineering Command (SWDIV). 2003. "Final Environmental Impact Statement." June 27.

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FIGURE 4-2
PLANNED REUSE AREAS

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TABLE 4-1: SUMMARY OF HISTORICAL BUILDINGS

Final, Supplemental Environmental Baseline Survey, Naval Station Treasure Island

EBS Parcel	Building Number	Building Type	Year Built	Building Description
T003	1	Nonresidential Structure	1938	Administrative office, parking, photographic laboratory, telephone exchange communication control link, switching/substation, and museum/memorial; according to historical study also a printing office and airport terminal for seaplanes (1938-1946)
T006	2	Nonresidential Structure	1938	Hangar, armory, reserve training center, and combat vehicle maintenance shop, exhibits
T008	3	Nonresidential Structure	1938	Ship repair shops, public works, applied instruction, shore intermediate maintenance facility, port control services, exhibition space, and a hangar
T008	111	Nonresidential Structure	1938	Fire station, storage; Fire House No. 1, Fire Station No. 2
YB019	Qtrs 1	Residential	1900	Senior officers' quarters
YB019	Qtrs 2	Residential	1900	Senior officers' quarters
YB019	Qtrs 3	Residential	1901	Senior officers' quarters
YB019	Qtrs 4	Residential	1901	Senior officers' quarters
YB019	Qtrs 5	Residential	1901	Senior officers' quarters
YB019	Qtrs 6	Residential	1903	Senior officers' quarters
YB019	Qtrs 7	Residential	1903	Senior officers' quarters
YB019	Qtrs 10	Residential	1948	Senior officers' quarters
YB019	83	Residential	1918	2-car garage and apartment
YB019	205	Nonresidential Structure	1936	5-car garage
YB019	230	Residential	1944	3-car garage and quarters
YB019	267	Residential	1947	Garage of Quarters 10
YB026	262	Nonresidential Structure	1891	Storage, shop, and mine warehouse

Notes:

EBS Environmental baseline survey
Qtrs Quarters

TABLE 4-2: SUMMARY OF BUILDINGS PAST AND CURRENT USE
Final, Supplemental Environmental Baseline Survey, Naval Station Treasure Island

EBS Parcel	Building Number	Past Use	Current Use	Status*	LBP Present
T001	146	Gate/sentry house, office	Leased to TIDA/Same as past use	Present	Assumed
T001	184	Bus stop shelter, sentry house	NA	Demolished	Assumed
T001	447	Bus stop shelter	Leased to TIDA/Same as past use	Present	Assumed
T001	470	Saluting battery gun mount	NA	Demolished	Assumed
T002	183	Yacht club (sailing club and storage), office, storage	Leased to TIDA/Occupied by Delancy St. Foundation	Present	Assumed
T002	298	Loading shed, waiting station, boat house storage	Leased to TIDA/Occupied by Yacht Club	Present	Assumed
T002	405	Main Flag Pole (Building 1)	NA	Present	Assumed
T002	412	Storage	NA	Demolished	Assumed
T002	469	Standby generator building	Leased to TIDA/Same as past use	Present	Assumed
T003	1	Administrative office, parking, photographic laboratory, telephone exchange communication control link, switching/substation, and museum/memorial; according to historical study also a printing office(1944-1960) and airport terminal for seaplanes (1938-1946)	Leased to TIDA/Occupied by various tenants (Navy CSO, Mayor's Office, DPW, SF Department of Aging), John Stewart Company	Present	Assumed
T004	360	Boathouse	NA	Demolished	Assumed
T004	496	Harbor master's office	Leased to TIDA/Occupied by TI Marina	Present	Assumed
T004	Pier 0	Recreational Marina	NA	Demolished	Assumed
T004	Pier 2	Marina	Leased to TIDA/Occupied by TI Marina	Present	Assumed
T005	180	Reserve training building, vehicle maintenance, 1st Lieutenant Public Works shops, PWC shops, seaplane maintenance, hangar, garage and shops, transportation center	Leased to TIDA/Not-in-use (except garages, which are being used by Sheriff's Department and SFFD for storage), formerly used for movie production	Present	Assumed
T005	299	Waiting station, loading shed	NA	Demolished	Assumed
T005	Pier 5	Marine railway	NA	Demolished	Assumed
T006	2	Hangar, armory, reserve training center, and combat vehicle maintenance shop, exhibits	Leased by TIDA/Occupied by Island Creative Management	Present	Assumed
T006	114	Reserve training (shops/storage), combat vehicle maintenance, garage	Leased to TIDA/Not-In-Use	Present	Assumed
T006	141	Residential training building (vacant) USMCR storage, oil storage, explosives office, carpenter's shop and storage	Leased to TIDA/Not-In-Use	Present	Assumed
T006	142	Explosives office, paint storage, oil storage	NA	Demolished	Assumed
T006	143	Hazardous/flammable storage, carpenter shop, gasoline pump house, hazardous material locker	Leased to TIDA/Not-In-Use	Present	Assumed
T006	144	Explosives storage, salt water pump house, gasoline storage	NA	Demolished	Assumed
T006	294	Gear locker	NA	Demolished	Assumed
T006	346	Operational shop, radio transmitting station instruction, radio transmitting station	Leased to TIDA/Not-In-Use	Present	Assumed

TABLE 4-2: SUMMARY OF BUILDINGS PAST AND CURRENT USE (Continued)
Final, Supplemental Environmental Baseline Survey, Naval Station Treasure Island

EBS Parcel	Building Number	Past Use	Current Use	Status*	LBP Present
T006	347	Gun mount	Leased to TIDA/Not-In-Use	Unknown	Assumed
T006	356	Steam cleaning	NA	Demolished	Assumed
T006	357	Bus washing	NA	Demolished	Assumed
T006	358	Reserve training, resistor bank	Leased to TIDA/Not-In-Use	Present	Assumed
T006	384	Reserve training, storage, combat vehicle maintenance	Leased to TIDA/Not-In-Use	Present	Assumed
T006	385	Gun/skeet/trap storage	Leased to TIDA/Not-In-Use	Present	Assumed
T006	413	Training material storage, communication training	Leased to TIDA/Not-In-Use	Present	Assumed
T006	448	Reserve training, combat vehicle maintenance, truck service facility	Leased to TIDA/Not-In-Use	Present	Assumed
T006	454	Ammunition storage	Leased to TIDA/Not-In-Use	Present	Assumed
T006	459	Skeet range building	Leased to TIDA/Not-In-Use	Present	Assumed
T006	501	Armory, small arms	Leased to TIDA/Not-In-Use	Present	Assumed No
T006	520	Auxiliary boiler plant	Not-In-Use	Present	Assumed No
T006	114A	Shed	NA	Demolished	Assumed
T006	459-B	Skeet range building	Leased to TIDA/Not-In-Use	Present	Assumed
T006	Pier 9	Marine railway	NA	Demolished	Assumed
T006	Pier 9A	Marine railway- 50 ton	NA	Demolished	Assumed
T006	SD	Storage	Not Found	Unknown	Assumed
T006	Shed 00	Bottled Gas Storage	NA	Demolished	Assumed
T006	UN1	The foundations two vehicle wash down area	NA	Demolished	Assumed
T006	UN2	Storage areas	Not Found	Unknown	Assumed
T006	UN26	Skeet house	Not Found	Unknown	Assumed
T006	UN3	Active vehicle wash down area: listed in EBS text, not table	Not Found	Unknown	Assumed
T006	UN30	Shed: this may be the same shed as Building 114A	Not Found	Unknown	Assumed
T007	41	Forge and foundry, paint shop, special services shop; According to the historical study, it was also used to store small arms	Not-In-Use	Present	Assumed
T007	361	Operational storage, hot water tank	Not-In-Use	Present	Assumed
T008	3	Ship repair shops, public works, applied instruction, shore intermediate maintenance facility, port control services, exhibition space, and a hanger	Leased to TIDA/Not-In-Use	Present	Assumed
T008	111	Fire station, storage; Fire House No. 1, Fire Station No. 2	Not-In-Use	Present	Yes
T008	113	Lumber shed	NA	Demolished	Assumed
T008	289	Light equipment storage (lawn maintenance equipment, oil), paint storage, shop, storage	Not-In-Use	Present	Assumed
T008	290	Storage	Not-In-Use	Present	Assumed
T008	297	Transformer house	NA	Demolished	Assumed
T008	325	Shops and storage, pesticide control shop; According to the historical study, also a battery shop	Not-In-Use	Present	Assumed

TABLE 4-2: SUMMARY OF BUILDINGS PAST AND CURRENT USE (Continued)
Final, Supplemental Environmental Baseline Survey, Naval Station Treasure Island

EBS Parcel	Building Number	Past Use	Current Use	Status*	LBP Present
T008	355	Sand blasting shop, operation storage	Not-In-Use	Present	Assumed
T008	362	Storage shed, ground equipment, maintenance shed, storage; frame of structure remains	Not-In-Use	Present	Assumed
T008	386	Storage	NA	Demolished	Assumed
T008	394	Sump house	Occupied by Treatment Plant	Present	Assumed
T008	Pier 10	Fuel pier	NA	Demolished	Assumed
T009	88	Storage (small craft facility)	NA	Demolished	Assumed
T009	12A	Harbor master's office	See Bldg 112	Present	Assumed
T009	12B	Parts and tool storage	See Bldg 112	Present	Assumed
T009	12C	Employee break room	See Bldg 112	Present	Assumed
T009	112	Harbor master's office; Buildings 12A, 12B, and 12C were combined to form Building 112	Leased to TIDA/Occupied by TI Sailing Center	Present	Assumed
T009	297	Transformer house	NA	Demolished	Assumed
T009	388	Storage	NA	Demolished	Assumed
T009	389	Storage	NA	Demolished	Assumed
T010	82	Gas station	NA	Demolished	Assumed
T010	83	Lubrication station, road stripping detail, storage, film exchange; According to historical study, also a gasoline station	NA	Demolished	Assumed
T010	84	Gasoline pump house	NA	Demolished	Assumed
T010	87	Incinerator	NA	Demolished	Assumed
T010	272	Substation and compressor, substation, public toilets, storage, electrical and mechanical service	NA	Demolished	Assumed
T010	274	Dynamometer shop; according to historical study, also a fallout shelter.	NA	Demolished	Assumed
T010	295	Generator building, storage	NA	Demolished	Assumed
T010	323	Gun trainer	NA	Demolished	Assumed
T010	340	Dock master office	NA	Demolished	Assumed
T010	387	Storage	NA	Demolished	Assumed
T010	493	Storm water pumping station	Occupied by Treatment Plant	Present	Assumed
T010	Pier 13	Maintenance pier	NA	Demolished	Assumed
T010	Pier 14	Maintenance pier	NA	Demolished	Assumed
T010	Pier 15	Maintenance pier	NA	Demolished	Assumed
T010	Pier 16	Maintenance pier	NA	Demolished	Assumed
T010	UN4	Sewage lift station No. 111	Occupied by Treatment Plant	Present	Assumed
T010	UN5	Small building associated with lift station No. 111	Occupied by Treatment Plant	Present	Assumed
T010	UN6	Small building associated with lift station No. 111	Occupied by Treatment Plant	Present	Assumed

TABLE 4-2: SUMMARY OF BUILDINGS PAST AND CURRENT USE (Continued)
Final, Supplemental Environmental Baseline Survey, Naval Station Treasure Island

EBS Parcel	Building Number	Past Use	Current Use	Status*	LBP Present
T011	7	Schools, dark room, carpenter shop, armory, laboratory, gun room, picture exchange, training facility, administrative/operational storage, motion picture exchange	Not-In-Use	Present	Assumed
T012	79	Gun shed	NA	Demolished	Assumed
T012	80	Gun shed, instruction	NA	Demolished	Assumed
T012	81	Gasoline station, fireboat storage	NA	Demolished	Assumed
T013	233	Lab (chemistry/toxicology), RADIO school, administrative, classrooms	Leased by TIDA/Not-In-Use	Present	Assumed
T014	38	Urological ward, barracks, classrooms	NA	Demolished	Assumed
T014	39	Urological ward, barracks, classrooms	NA	Demolished	Assumed
T014	40	Navy band training, laboratory, classrooms, barracks, isolation ward, barracks and supply	Not-In-Use	Present	Yes
T015	35	Eye, ear, nose and throat medical, barracks, storage (commissary)	NA	Demolished	Assumed
T015	36	General medical ward, barracks	NA	Demolished	Assumed
T015	37	General medical ward, barracks, storage	NA	Demolished	Assumed
T015	530	Main boiler plant	Not-In-Use	Present	Assumed No
T016	89	Storehouse, office and storage	NA	Demolished	Assumed
T016	396	Sump house	Treatment Plant/Occupied	Present	Assumed
T017	34	Commissary store	Leased to TIDA/Not-In-Use	Present	Assumed
T018	90	Garbage house, storehouse	NA	Demolished	Assumed
T018	91	Toilets, self-serve laundry and storage	Leased to TIDA/Not-In-Use	Present	Assumed
T019	109	Barracks, pharmacy and recreation, office	NA	Demolished	Assumed
T020	30	Surgical operation, x-ray room, sterilizing, barracks, administrative, applied instruction	NA	Demolished	Assumed
T020	31	Civilian barracks, PWC maintenance storage, surgical ward, barracks, storage	NA	Demolished	Assumed
T020	32	Operational storage (misc.), administrative, barracks, surgical ward	NA	Demolished	Assumed
T020	33	Administrative offices, barracks, administrative and sick offices	NA	Demolished	Assumed
T020	110	Bag storage, rod and gun locker, SPL, SERV equipment	NA	Demolished	Assumed
T023	117	Barracks	NA	Demolished	Assumed
T023	118	Barracks	NA	Demolished	Assumed
T023	450	Administrative office, employee parking, ticket office	Not-In-Use	Present	Assumed
T024	15	Dispensary	NA	Demolished	Assumed
T024	395	Sump house	Occupied by Treatment Plant	Present	Assumed
T025	16	Barracks	NA	Demolished	Assumed
T025	115	Garage and shops, wine mess, wives club	NA	Demolished	Assumed
T025	116	Auxiliary fire station/ storage locker	NA	Demolished	Assumed
T026	117	Barracks	NA	Demolished	Assumed

TABLE 4-2: SUMMARY OF BUILDINGS PAST AND CURRENT USE (Continued)
Final, Supplemental Environmental Baseline Survey, Naval Station Treasure Island

EBS Parcel	Building Number	Past Use	Current Use	Status*	LBP Present
T026	118	Barracks	NA	Demolished	Assumed
T026	139	Gymnasium	NA	Demolished	Assumed
T026	354	Storage, instruction	NA	Demolished	Assumed
T027	140	Commissioned officer's club, commissioned mess open	Leased to TIDA/Used by city of SF for events	Present	Assumed
T027	398	Tennis courts	NA	Present	No
T028	139	Gymnasium	NA	Demolished	Assumed
T028	147	Barracks	NA	Demolished	Assumed
T028	177	Reception	NA	Demolished	Assumed
T028	178	Offices, training building, general court martial, law center	NA	Demolished	Assumed
T028	179	Barracks D	NA	Demolished	Assumed
T028	460	Radar tower	NA	Demolished	Assumed
T029	449	Communication center, administrative and storage	Leased to TIDA/Occupied by SF Museum & Historical Society	Present	Assumed
T029	481	Incinerator	Not-In-Use	Present	Assumed
T030	187	Chapel	Leased to TIDA/Used by city of SF for events	Present	Assumed
T030	228	Quarters	NA	Demolished	Assumed
T030	265	Special service administrative, library, hostess house	Leased to TIDA/Used by city of SF for events	Present	Assumed
T030	271	Community service center, officer's recreation	Leased to TIDA/Used by city of SF for events	Present	Assumed
T030	UN19	Gun shed		Demolished	Assumed
T031	226	Quarters	NA	Demolished	Assumed
T031	227	Chief Petty Officers Mess Hall	Leased to TIDA/Used by city of SF for events	Present	Assumed
T032	153	Storm sewer lift station No. 20. According to historical study, also was a transformer station.	NA	Demolished	Assumed
T032	226	Quarters	NA	Demolished	Assumed
T032	324	Assembly shed	NA	Demolished	Assumed
T033	188	Barracks, storage/administrative	NA	Demolished	Assumed
T033	189	Barracks, administrative	NA	Demolished	Assumed
T033	190	Barracks, storage, school	NA	Demolished	Assumed
T033	191	Barracks, storage, school	NA	Demolished	Assumed
T033	300	Office, storage	NA	Demolished	Assumed
T033	301	Subsistence, storage	NA	Demolished	Assumed
T033	302	Subsistence, storage	NA	Demolished	Assumed

TABLE 4-2: SUMMARY OF BUILDINGS PAST AND CURRENT USE (Continued)
Final, Supplemental Environmental Baseline Survey, Naval Station Treasure Island

EBS Parcel	Building Number	Past Use	Current Use	Status*	LBP Present
T033	303	Subsistence, storage	NA	Demolished	Assumed
T033	313	POW subsistence, storage	NA	Demolished	Assumed
T033	324	Assembly shed	NA	Demolished	Assumed
T033	332	POW brig, storage	NA	Demolished	Assumed
T034	166	School	NA	Demolished	Assumed
T034	169	Storage	NA	Demolished	Assumed
T034	170	Theatre office	NA	Demolished	Assumed
T034	171	Theatre	NA	Demolished	Assumed
T034	172	Barracks F	NA	Demolished	Assumed
T034	173	Barracks E	NA	Demolished	Assumed
T034	174	Offices	NA	Demolished	Assumed
T034	175	Offices	NA	Demolished	Assumed
T034	452	Barracks	Not-In-Use	Present	Assumed
T034	453	Barracks, administrative office	Not-In-Use	Present	Assumed
T035	137	Subsistence	NA	Demolished	Assumed
T035	149	Bakery	NA	Demolished	Assumed
T035	175	Offices	NA	Demolished	Assumed
T035	219	Transformer and storage	NA	Demolished	Assumed
T035	441	Sump house	NA	Demolished	Assumed
T036	149	Bakery	NA	Demolished	Assumed
T037	150	Barracks	NA	Demolished	Assumed
T037	151	Barracks	NA	Demolished	Assumed
T038	150	Barracks	NA	Demolished	Assumed
T038	153	Garbage house	NA	Demolished	Assumed
T039	152	Ships service	NA	Demolished	Assumed
T039	154	Storage	NA	Demolished	Assumed
T040	23	Barracks, post office	NA	Demolished	Assumed
T040	24	Barracks, administrative and post office	NA	Demolished	Assumed
T040	25	Barracks	NA	Demolished	Assumed
T040	27	Classrooms, administrative, radio material school	NA	Demolished	Assumed
T040	28	Laboratories radio material instructions, classrooms, administrative	NA	Demolished	Assumed
T040	121	Scrub house, classrooms, electric shop	NA	Demolished	Assumed
T040	125	Garage, storage	NA	Demolished	Assumed
T040	126	Paint locker, auxillary fire station	NA	Demolished	Assumed
T040	151	Paint locker	NA	Demolished	Assumed
T040	220	Shop, classroom	NA	Demolished	Assumed
T040	424	Switch house gear	NA	Demolished	Assumed

TABLE 4-2: SUMMARY OF BUILDINGS PAST AND CURRENT USE (Continued)
Final, Supplemental Environmental Baseline Survey, Naval Station Treasure Island

EBS Parcel	Building Number	Past Use	Current Use	Status*	LBP Present
T040	425	Switch house gear	NA	Demolished	Assumed
T041	127	Laboratory, radio school	NA	Demolished	Assumed
T041	128	Scrub house, storage (vacant)	NA	Demolished	Assumed
T041	129	Environmental protection agency, storage, jeep garage, scrub house (vacant)	NA	Demolished	Assumed
T041	130	Self-serve storage, scrub house (vacant)	NA	Demolished	Assumed
T041	399	Antenna tower	NA	Demolished	Assumed
T041	400	Antenna tower	NA	Demolished	Assumed
T042	26	Heating plant	NA	Demolished	Assumed
T042	117	Barracks	NA	Demolished	Assumed
T042	118	Barracks	NA	Demolished	Assumed
T042	119	Barracks	NA	Demolished	Assumed
T042	120	Storage, office	NA	Demolished	Assumed
T042	127	Laboratory, radio school	NA	Demolished	Assumed
T042	131	Storage, scrub house, elect hobby, ham station; according to historical study, also used for medical/dental storage	NA	Demolished	Assumed
T042	132	Storage	NA	Demolished	Assumed
T042	137	Subsistence	NA	Demolished	Assumed
T043	135	Bus station/ticket office, garbage house, launderette	NA	Demolished	Assumed
T043	136	Garbage house (part of Building 135)	NA	Demolished	Assumed
T044	137	Subsistence	NA	Demolished	Assumed
T048	119	Barracks	NA	Demolished	Assumed
T048	120	Office and storage	NA	Demolished	Assumed
T048	329	Storehouse	NA	Demolished	Assumed
T049	258	Post office, wives' club, bank, administrative	Not-In-Use	Present	Assumed
T050	17	Barracks	NA	Demolished	Assumed
T050	18	Barracks	NA	Demolished	Assumed
T050	19	Barracks	NA	Demolished	Assumed
T050	20	Barracks	NA	Demolished	Assumed
T050	21	Barracks	NA	Demolished	Assumed
T050	22	Barracks	NA	Demolished	Assumed
T051	17	Barracks	Leased to TIDA	Demolished	Assumed
T051	18	Barracks	Leased to TIDA	Demolished	Assumed
T051	19	Barracks	Leased to TIDA	Demolished	Assumed
T051	20	Barracks	Leased to TIDA	Demolished	Assumed
T051	21	Barracks	Leased to TIDA	Demolished	Assumed
T051	22	Barracks	Leased to TIDA	Demolished	Assumed

TABLE 4-2: SUMMARY OF BUILDINGS PAST AND CURRENT USE (Continued)
Final, Supplemental Environmental Baseline Survey, Naval Station Treasure Island

EBS Parcel	Building Number	Past Use	Current Use	Status*	LBP Present
T052	263	Welfare building, storage, administrative, club, library	NA	Demolished	Assumed
T052	393	Sewage pump station No. 6; According to the historical study, also used as a sump house	Occupied by Treatment Plant	Present	Assumed
T053	229A	Pump house: listed in EBS text, not table	Occupied by Treatment Plant	Present	Assumed
T053	UN23	Shed	Not Found	Unknown	Assumed
T054	98	Storage	NA	Demolished	Assumed
T054	229	Enlisted person's Club, E1-E3	Leased to TIDA/Occupied by Delancey Street Foundation	Present	Assumed
T055	29	Classrooms, offices, storage, education center, NTTC, fire fighting damage control school house, boy/girl scouts	Not-In-Use	Present	Assumed
T055	378	Sewage lift station No. 9/sump house	Occupied by Treatment Plant	Present	Assumed
T055	379	Vacant (former paint locker). According to historical study, also used as a paint and hazmat locker.	Not-In-Use	Present	Assumed
T056	8	General mess hall, ships service, theater	NA	Demolished	Assumed
T056	76	Quarters	NA	Demolished	Assumed
T056	77	DC generator house	NA	Demolished	Assumed
T056	78	Garbage house	NA	Demolished	Assumed
T056	92	Instruction building (vacant), Naval hospital, barracks, and classrooms,	Not-In-Use	Present	Yes
T056	107	Barracks, administrative office and barracks, police station	Not-In-Use	Present	Assumed
T056	230	Electronics/communications maintenance shop, subsistence, shop mobile ordnance technical unit 9	Not-In-Use	Present	Assumed
T056	231	Counseling and assistance (drug/alcohol rehab), administrative office, religious education, barracks	NA	Demolished	Assumed
T056	232	Barracks	NA	Demolished	Assumed
T056	234	Barracks, classrooms	NA	Demolished	Assumed
T056	235	Ward and blood bank and lab, barracks	NA	Demolished	Assumed
T056	240	Refreshment stand	Not-In-Use	Present	Yes
T056	275	Barracks, instruction, Navy band	NA	Demolished	Assumed
T056	293	Mechanical school, training, shed	Not-In-Use	Present	Assumed
T056	341	Damage control training instruction (USS Buttercup mock-up)	Not-In-Use	Present	Assumed
T056	381	Community storage (misc.), paint locker	Leased to TIDA/Occupied by San Francisco Little League	Present	Assumed
T056	382	Sump house	Occupied by Treatment Plant	Present	Assumed
T056	390	Sump house	Occupied by Treatment Plant	Present	Assumed
T056	443	Sump house	Occupied by Treatment Plant	Present	Assumed
T056	444	Sump house	Occupied by Treatment Plant	Present	Assumed

TABLE 4-2: SUMMARY OF BUILDINGS PAST AND CURRENT USE (Continued)
Final, Supplemental Environmental Baseline Survey, Naval Station Treasure Island

EBS Parcel	Building Number	Past Use	Current Use	Status*	LBP Present
T056	480	Public toilets	Leased to TIDA/Occupied by San Francisco Little League	Present	Assumed
T056	483	Little League Refreshment Stand	NA	Demolished	Assumed
T057	101	Oil pump house	NA	Demolished	Assumed
T057	102	Heating plant	NA	Demolished	Assumed
T057	106	Water softener	NA	Demolished	Assumed
T057	455	Auxiliary boiler plant	Not-In-Use	Present	Assumed
T057	UN7	Pump house	Occupied by Treatment Plant	Present	Assumed
T057	UN8	Storage shed	Occupied by Treatment Plant	Present	Assumed
T058	103	Fuel oil tank	Not-In-Use	Present	Assumed
T059	96	General warehouse, reserve training, printing plant, brig, storage	Leased to TIDA/Used for storage	Present	Assumed
T059	99	Administrative office, general warehouse, printing plant, dry cleaning, laundry, cobbler shop	Leased to TIDA/Not-In-Use	Present	Yes
T060	260	Warehouse, self-serve shopping mart offices	Not-In-Use	Present	Assumed
T061	262	Theatre	NA	Demolished	Assumed
T062	261-A	Bowling alley, vacant indoor swimming pool and skating rink	Not-In-Use	Present	Assumed
T062	261-B	Bowling alley, vacant indoor swimming pool and skating rink	Not-In-Use	Present	Assumed
T063	262	Theater	NA	Demolished	Assumed
T063	401	Theater	Not-In-Use	Present	Assumed
T064	UN18	Open space, part of former baseball field	NA	Present	No
T065	13	Barracks	NA	Demolished	Assumed
T065	397	Tennis courts	NA	Present	No
T066	9	Barracks, office	NA	Demolished	Assumed
T066	342	Hydraulic training school, laboratories, instrument repair, applied instruction; According to historical study, also used for NTTC radiation instruction	Not-In-Use	Present	Assumed
T066	344	Storage vault, applied instruction, radium vault, NTTC radiation instruction	Not-In-Use	Present	Assumed
T067	14	Heating plant	NA	Demolished	Assumed
T067	71	Scrub house, launderette	NA	Demolished	Assumed
T067	72	Sterilizer, storage, paper disintegrator	NA	Demolished	Assumed
T067	73	Storage and office	NA	Demolished	Assumed
T067	74	Office	NA	Demolished	Assumed
T067	343	Laboratory, classrooms and offices, applied instruction. According to historical study, also used for radiation instruction.	Not-In-Use	Present	Assumed
T067	458	Pyrotechnics magazine; According to the historical study, also used for paint storage	Not-In-Use	Present	Assumed

TABLE 4-2: SUMMARY OF BUILDINGS PAST AND CURRENT USE (Continued)
Final, Supplemental Environmental Baseline Survey, Naval Station Treasure Island

EBS Parcel	Building Number	Past Use	Current Use	Status*	LBP Present
T068	67	Bleachers, gear storage	NA	Demolished	Assumed
T068	68	Shops, grounds office	NA	Demolished	Assumed
T068	618	Propane farm	Leased to TIDA	Present	Assumed
T068	Pier 19	Repair pier/marine railway	NA	Demolished	Assumed
T069	69	Administrative storage/public toilets (closed), engine and ship fitters shop, garage, storage	Not-In-Use	Present	Assumed
T071	215	Administrative (lab/pharmacy, storage, hobby shop, chapel, exchange, radio repair shop, carpenter shop, arts/crafts, training, misc. material storage, youth center)	Not-In-Use	Present	Assumed
T072	216	Assembly shed, vehicle storage	Not-In-Use	Present	Assumed
T073	217	Quarters, storage, administrative, family service center, Red Cross, applied instruction	Leased to TIDA/Not-In-Use	Present	Yes
T074	64	Fuel receiving administrative office, dock master office	Not-In-Use	Present	Assumed
T074	330	Navy exchange gas station, Lucky Bag (clothing dispensary), auto repair, grounds maintenance shop	Not-In-Use	Present	Assumed
T074	UN10	Sewage lift station No. 107	Occupied by Treatment Plant	Present	Assumed
T074	UN11	Service island	Occupied by Treatment Plant	Present	Assumed
T074	UN9	Gasoline pumping island	Occupied by Treatment Plant	Present	Assumed
T075	63	Signal tower, storage	NA	Demolished	Assumed
T075	Pier 21	Fueling pier	NA	Demolished	Assumed
T076	4	Diesel oil and gas storage tank	Not-In-Use	Present	Assumed
T076	5	Gasoline storage tanks, diesel oil tank	NA	Demolished	Assumed
T076	85	Pumping station support facility, diesel oil clarifier and pump station	NA	Demolished	Assumed
T076	328	Transformer house	NA	Demolished	Assumed
T076	338	Duty barracks	NA	Demolished	Assumed
T076	339	Duty barracks	NA	Demolished	Assumed
T076	456	Fuel Tank (55,000 gal)	NA	Demolished	Assumed
T077	218	Storehouse, bag storage, exchange annex, administrative	NA	Demolished	Assumed
T077	671	Carpenter shop for brig, jail	Leased to TIDA/Not-In-Use	Present	Assumed No
T078	218	Storehouse, bag storage, exchange annex, administrative	NA	Demolished	Assumed
T078	670	Brig	Leased to TIDA/Not-In-Use	Present	Assumed No
T079	207	Barracks	NA	Demolished	Assumed
T079	208	Barracks	NA	Demolished	Assumed
T079	580	Operational trainer facility	NA	Demolished	No
T080	209	Barracks	NA	Demolished	Assumed
T080	210	Barracks	NA	Demolished	Assumed
T080	377	Sump house	Occupied by Treatment Plant	Present	Assumed

TABLE 4-2: SUMMARY OF BUILDINGS PAST AND CURRENT USE (Continued)
Final, Supplemental Environmental Baseline Survey, Naval Station Treasure Island

EBS Parcel	Building Number	Past Use	Current Use	Status*	LBP Present
T080	570	Operational trainer facility	Occupied by Shaw/Tetra Tech (field offices)	Present	Assumed No
T080	571	Unripe Collimation Tower	NA	Demolished	Assumed
T080	572	Maintenance	Occupied by Shaw	Present	Assumed No
T080	573	Unripe Collimation Tower	NA	Demolished	Assumed
T081	211	Barracks	NA	Demolished	Assumed
T081	212	Barracks	NA	Demolished	Assumed
T081	213	Barracks	NA	Demolished	Assumed
T081	214	Barracks	NA	Demolished	Assumed
T082	497	Weight/workout room	Leased to TIDA/Occupied by TIHDI Ship Shape	Present	Assumed
T083	402	Gymnasium, weight room, locker room	Leased to TIDA/Not-In-Use	Present	Assumed
T084	201	Navy exchange store, MWR adventure shop, beauty salon, barber shop	Southeast portion of building leased to TIDA/ Building Not-In-Use	Present	Assumed
T084	457	Fertilizer storage	NA	Demolished	Assumed
T085	202	Navy exchange coin laundry, credit union, ATM	Not-In-Use	Present	Assumed
T086	203	Barracks	NA	Demolished	Assumed
T086	204	Barracks	NA	Demolished	Assumed
T086	205	Barracks	NA	Demolished	Assumed
T086	206	Barracks	NA	Demolished	Assumed
T087	196	Barracks, public school	NA	Demolished	Assumed
T088	221	Offices, storage, administrative	NA	Demolished	Assumed
T089	476	Guard tower	NA	Demolished	Assumed
T089	477	Guard tower	NA	Demolished	Assumed
T090	195	Brig rehabilitation shops, storage, barracks (vacant)	NA	Demolished	NA
T090	222	Confinement facility (vacant)	NA	Demolished	Assumed
T091	197	Classrooms, barracks, electronics material school	NA	Demolished	Assumed
T091	198	Classrooms, barracks, electronics material school, countermeasure lab	NA	Demolished	Assumed
T091	199	Classrooms, barracks, electronics material school	NA	Demolished	Assumed
T091	200	Classrooms, barracks, electronics material school	NA	Demolished	Assumed
T091	424	Switch house gear	NA	Demolished	Assumed
T091	540	Auxiliary boiler plant	Leased to TIDA/Not-In-Use	Present	Assumed No
T092	257	Medical/dental clinic, childcare center, Red Cross, youth center, family services center (partially vacant); according to historical study a skeet range was at this site prior to construction	Not-In-Use	Present	Assumed
T093	122	Greenhouse	NA	Demolished	Assumed
T093	123	Nursery, office, tool shed	NA	Demolished	Assumed
T093	331	Greenhouse	NA	Demolished	Assumed

TABLE 4-2: SUMMARY OF BUILDINGS PAST AND CURRENT USE (Continued)
Final, Supplemental Environmental Baseline Survey, Naval Station Treasure Island

EBS Parcel	Building Number	Past Use	Current Use	Status*	LBP Present
T094	502	Childcare Center	Leased to TIDA/Used as a Childcare Center	Present	Assumed No
T096	1101	Housing	Leased to TIDA/Not Occupied	Present	Yes
T096	1103	Housing	Leased to TIDA/Not Occupied	Present	Yes
T096	1105	Housing	Leased to TIDA/Not Occupied	Present	Yes
T096	1111	Housing	Leased to TIDA/Tenant Occupied	Present	Yes
T096	1113	Housing	Leased to TIDA/Tenant Occupied	Present	Yes
T096	1400	Housing	Leased to TIDA/Tenant Occupied	Present	No
T096	1401	Housing	Leased to TIDA/Tenant Occupied	Present	No
T096	1402	Housing	Leased to TIDA/Tenant Occupied	Present	No
T096	1403	Housing	Leased to TIDA/Tenant Occupied	Present	No
T096	1404	Housing	Leased to TIDA/Tenant Occupied	Present	No
T096	1406	Housing	Leased to TIDA/Tenant Occupied	Present	No
T096	1409	Housing	Leased to TIDA/Tenant Occupied	Present	No
T096	1411	Housing	Leased to TIDA/Tenant Occupied	Present	No
T096	1412	Housing	Leased to TIDA/Tenant Occupied	Present	No
T096	1413	Housing	Leased to TIDA/Tenant Occupied	Present	No
T096	1418	Housing	Leased to TIDA/Tenant Occupied	Present	No
T097	100	Gun loading trainer	NA	Demolished	Assumed
T097	194	Transportation building, garage and office, instruction	NA	Demolished	Assumed
T097	223	Paint shop, bus washer	NA	Demolished	Assumed
T097	224	Garage and checking station, transportation repair facilities	NA	Demolished	Assumed
T097	225	Automotive hobby shop/garage (steam cleaning, degreasing); also used as gun shed according to historical study	Not Leased/DPW Occupied	Present	Assumed
T097	267	Transportation pool facility 12 N.D., youth center, teen club, instruction	NA	Demolished	Assumed
T097	370	Gas station	NA	Demolished	Assumed
T097	1405	Housing	Leased to TIDA/Tenant Occupied	Present	No
T097	1408	Housing	Leased to TIDA/Tenant Occupied	Present	No
T097	1410	Housing	Leased to TIDA/Tenant Occupied	Present	No
T097	1419	Housing	Leased to TIDA/Tenant Occupied	Present	No
T097	1420	Housing	Leased to TIDA/Tenant Occupied	Present	No
T097	UN22	Spray paint booth associated with Building 225	Not Leased/DPW Occupied	Present	Assumed
T098	70	Fire department gear locker	Occupied by SFFD	Present	Assumed
T098	156	Gun shed, instruction	NA	Demolished	Assumed
T098	157	Fire Station No 1; also used as Fire House No. 2 according to historical study	Occupied by SFFD	Present	Assumed
T098	421	Fire department storage	NA	Demolished	Assumed
T099	155	School	NA	Demolished	Assumed

TABLE 4-2: SUMMARY OF BUILDINGS PAST AND CURRENT USE (Continued)
Final, Supplemental Environmental Baseline Survey, Naval Station Treasure Island

EBS Parcel	Building Number	Past Use	Current Use	Status*	LBP Present
T099	158	Air compressor building	NA	Demolished	Assumed
T099	159	Plotting room, classrooms	NA	Demolished	Assumed
T099	160	Shop, ship mock-up, instruction	NA	Demolished	Assumed
T099	161	Shop, ship mock-up, instruction / administrative	NA	Demolished	Assumed
T099	162	Acetylene generator, storage, classroom	NA	Demolished	Assumed
T099	163	Diving tank and building	NA	Demolished	Assumed
T099	164	Lookout training building, instruction, community facility	NA	Demolished	Assumed
T099	165	Storage, auto accessory sales	NA	Demolished	Assumed
T099	259	Gun mount	NA	Demolished	Assumed
T099	268	Gun loading shed, instruction, classrooms	NA	Demolished	Assumed
T099	291	Gun mount	NA	Demolished	Assumed
T099	374	Sump house	Occupied by Treatment Plant	Present	Assumed
T099	414	Transformer house	NA	Demolished	Assumed
T099	1430	Housing	Leased to TIDA/Tenant Occupied	Present	No
T099	1431	Housing	Leased to TIDA/Tenant Occupied	Present	No
T099	1432	Housing	Leased to TIDA/Tenant Occupied	Present	No
T099	1433	Housing	Leased to TIDA/Tenant Occupied	Present	No
T099	1434	Housing	Leased to TIDA/Tenant Occupied	Present	No
T099	1435	Housing	Leased to TIDA/Tenant Occupied	Present	No
T099	1436	Housing	Leased to TIDA/Tenant Occupied	Present	No
T099	1437	Housing	Leased to TIDA/Tenant Occupied	Present	No
T099	1438	Housing	Leased to TIDA/Tenant Occupied	Present	No
T099	1439	Housing	Leased to TIDA/Tenant Occupied	Present	No
T099	1440	Housing	Leased to TIDA/Tenant Occupied	Present	No
T099	1441	Housing	Leased to TIDA/Tenant Occupied	Present	No
T099	1442	Housing	Leased to TIDA/Tenant Occupied	Present	No
T099	1443	Housing	Leased to TIDA/Tenant Occupied	Present	No
T099	1444	Housing	Leased to TIDA/Tenant Occupied	Present	No
T099	1445	Housing	Leased to TIDA/Tenant Occupied	Present	No
T099	1447	Housing	Leased to TIDA/Tenant Occupied	Present	No
T099	1449	Housing	Leased to TIDA/Tenant Occupied	Present	No
T100	168	Gyro compass shop	NA	Demolished	Assumed
T100	266	Instruction, sonar school	NA	Demolished	Assumed
T100	304	Toilets	NA	Demolished	Assumed
T100	305	Toilets	NA	Demolished	Assumed
T100	306	Supply office, storage	NA	Demolished	Assumed
T100	307	Barracks, storage	NA	Demolished	Assumed

TABLE 4-2: SUMMARY OF BUILDINGS PAST AND CURRENT USE (Continued)
Final, Supplemental Environmental Baseline Survey, Naval Station Treasure Island

EBS Parcel	Building Number	Past Use	Current Use	Status*	LBP Present
T100	308	Barracks, storage	NA	Demolished	Assumed
T100	309	Barracks, shops-film exchange	NA	Demolished	Assumed
T100	310	Barracks, shops-film exchange	NA	Demolished	Assumed
T100	311	Barracks, shops-film exchange	NA	Demolished	Assumed
T100	312	Barracks, shops-film exchange	NA	Demolished	Assumed
T100	314	Gun mount	NA	Demolished	Assumed
T100	315	School	NA	Demolished	Assumed
T100	316	School	NA	Demolished	Assumed
T100	317	School	NA	Demolished	Assumed
T100	319	School (mock-up)	NA	Demolished	Assumed
T100	326	Storage, gun shed	NA	Demolished	Assumed
T100	333	Recreation	NA	Demolished	Assumed
T100	1301	Housing	Leased to TIDA/Tenant Occupied	Present	Yes
T100	1303	Housing	Leased to TIDA/Tenant Occupied	Present	Yes
T100	1304	Housing	Leased to TIDA/Tenant Occupied	Present	Yes
T100	1305	Housing	Leased to TIDA/Tenant Occupied	Present	Yes
T100	1306	Housing	Leased to TIDA/Tenant Occupied	Present	Yes (a)
T100	1307	Housing	Leased to TIDA/Tenant Occupied	Present	Yes
T100	1308	Housing	Leased to TIDA/Tenant Occupied	Present	Yes
T101	318	Gun mount; also used as a service station according to historical study	NA	Demolished	Assumed
T101	320	School (mock-up)	NA	Demolished	Assumed
T101	321	School (mock-up)	NA	Demolished	Assumed
T101	322	Gun mount	NA	Demolished	Assumed
T101	1302	Housing	Leased to TIDA/Tenant Occupied	Present	Yes
T101	1309	Housing	Leased to TIDA/Tenant Occupied	Present	Yes (a)
T101	1310	Housing	Leased to TIDA/Tenant Occupied	Present	Yes
T101	1311	Housing	Leased to TIDA/Tenant Occupied	Present	Yes
T101	1312	Housing	Leased to TIDA/Tenant Occupied	Present	Yes
T102	192	Magnet channel/degaussing range, storage	NA	Demolished	Assumed
T102	193	Magnet channel range garage, storage	NA	Demolished	Assumed
T102	269	Offices and chemical warfare, instruction	NA	Demolished	Assumed
T102	273	Decontamination, damage control	NA	Demolished	Assumed
T102	288	Gas chamber, storage, instruction	NA	Demolished	Assumed
T102	348	Issue room, classroom (chemical warfare)	NA	Demolished	Assumed
T102	349	Field work shop, classroom (chemical warfare)	NA	Demolished	Assumed
T102	350	Repair shop, classroom (chemical warfare)	NA	Demolished	Assumed
T102	351	Repair shop, classroom (chemical warfare)	NA	Demolished	Assumed

TABLE 4-2: SUMMARY OF BUILDINGS PAST AND CURRENT USE (Continued)
Final, Supplemental Environmental Baseline Survey, Naval Station Treasure Island

EBS Parcel	Building Number	Past Use	Current Use	Status*	LBP Present
T102	359	Mobile decontamination, storage	NA	Demolished	Assumed
T102	1313	Housing	Leased to TIDA/Tenant Occupied	Present	Yes
T102	1314	Housing	Leased to TIDA/Tenant Occupied	Present	Yes
T102	1315	Housing	Leased to TIDA/Tenant Occupied	Present	Yes
T102	1316	Housing	Leased to TIDA/Tenant Occupied	Present	Yes
T102	1317	Housing	Leased to TIDA/Tenant Occupied	Present	Yes
T102	1318	Housing	Leased to TIDA/Tenant Occupied	Present	Yes
T102	1319	Housing	Not-In-Use	Present	Yes (a)
T102	1321	Housing	Not-In-Use	Present	Yes (a)
T102	1323	Housing	Not-In-Use	Present	Yes
T102	1325	Housing	Leased to TIDA/Tenant Occupied	Present	No
T103	43	Pyrotechnic Ward, ammunition storage, small arms magazine, inert ammunition storage	NA	Demolished	Assumed
T103	44	Ammunition storage, high explosives magazine, inert ammunition storage	NA	Demolished	Assumed
T103	45	Ammunition storage, high explosives magazine, inert ammunition storage	NA	Demolished	Assumed
T103	46	Ammunition storage, high explosives magazine, inert ammunition storage	NA	Demolished	Assumed
T103	47	Ammunition storage, high explosives magazine, inert ammunition storage	NA	Demolished	Assumed
T103	49	Ammunition storage, high explosives magazine, inert ammunition storage	NA	Demolished	Assumed
T103	50	Ammunition storage, magazine, storage	NA	Demolished	Assumed
T103	51	Ammunition storage, magazine, storage, also used as Y-Gun Magazine storage according to historical study	NA	Demolished	Assumed
T103	52	Ammunition storage, fuse and detonator magazine, inert ammunition storage	NA	Demolished	Assumed
T103	53	Ammunition storage, fuse and detonator magazine, inert ammunition storage	NA	Demolished	Assumed
T103	54	Magazine	NA	Demolished	Assumed
T103	237	Oil storage tank	NA	Demolished	Assumed
T103	277	Ammunition magazine, storage	NA	Demolished	Assumed
T103	278	Ammunition magazine, storage	NA	Demolished	Assumed
T103	279	Ammunition, small craft-ship garage, storage	NA	Demolished	Assumed
T103	280	Ammunition magazine, medical storage, storage	NA	Demolished	Assumed
T103	281	Ammunition magazine, film storage, indoor small bore range	NA	Demolished	Assumed

TABLE 4-2: SUMMARY OF BUILDINGS PAST AND CURRENT USE (Continued)
Final, Supplemental Environmental Baseline Survey, Naval Station Treasure Island

EBS Parcel	Building Number	Past Use	Current Use	Status*	LBP Present
T103	282	Ammunition magazine, storage	NA	Demolished	Assumed
T103	283	Ammunition magazine, storage, prototype bomb shelter	NA	Demolished	Assumed
T103	284	Ammunition magazine, electronic storage, storage	NA	Demolished	Assumed
T103	285	Ammunition magazine, storage	NA	Demolished	Assumed
T103	286	Ammunition magazine, tear gas storage, storage	NA	Demolished	Assumed
T103	287	Ammunition magazine, film storage, storage	NA	Demolished	Assumed
T103	345	Incinerator	NA	Demolished	Assumed
T103	1104	Housing	Not-In-Use	Present	Yes
T103	1106	Housing	Not-In-Use	Present	Yes
T103	1108	Housing	Leased to TIDA/Tenant Occupied	Present	Yes
T103	1109	Housing	Leased to TIDA/Tenant Occupied	Present	Yes
T103	1110	Housing	Leased to TIDA/Tenant Occupied	Present	Yes
T103	1112	Housing	Leased to TIDA/Tenant Occupied	Present	Yes
T103	1114	Housing	Leased to TIDA/Tenant Occupied	Present	Yes
T103	1115	Housing	Leased to TIDA/Tenant Occupied	Present	Yes
T103	1116	Housing	Leased to TIDA/Tenant Occupied	Present	Yes (a)
T103	1117	Housing	Leased to TIDA/Tenant Occupied	Present	Yes
T103	1118	Housing	Leased to TIDA/Tenant Occupied	Present	Yes (a)
T103	1119	Housing	Leased to TIDA/Tenant Occupied	Present	Yes
T103	1120	Housing	Leased to TIDA/Tenant Occupied	Present	Yes
T103	1121	Housing	Leased to TIDA/Tenant Occupied	Present	Yes
T103	1122	Housing	Leased to TIDA/Tenant Occupied	Present	Yes (a)
T103	1123	Housing	Leased to TIDA/Tenant Occupied	Present	Yes (a)
T103	1124	Housing	Leased to TIDA/Tenant Occupied	Present	Yes
T103	1125	Housing	Leased to TIDA/Tenant Occupied	Present	Yes
T103	1126	Housing	Leased to TIDA/Tenant Occupied	Present	Yes
T103	1127	Housing	Leased to TIDA/Tenant Occupied	Present	Yes
T103	1128	Housing	Leased to TIDA/Tenant Occupied	Present	Yes (a)
T103	1129	Housing	Leased to TIDA/Tenant Occupied	Present	Yes (a)
T103	1131	Housing	Leased to TIDA/Tenant Occupied	Present	Yes (a)
T103	1133	Housing	Leased to TIDA/Tenant Occupied	Present	Yes
T103	1135	Housing	Leased to TIDA/Tenant Occupied	Present	Yes
T103	1137	Housing	Leased to TIDA/Tenant Occupied	Present	Yes (a)
T103	1139	Housing	Leased to TIDA/Tenant Occupied	Present	Yes (a)
T103	1141	Housing	Leased to TIDA/Tenant Occupied	Present	Yes (a)
T103	1143	Housing	Leased to TIDA/Tenant Occupied	Present	Yes (a)
T103	1145	Housing	Leased to TIDA/Tenant Occupied	Present	Yes (a)

TABLE 4-2: SUMMARY OF BUILDINGS PAST AND CURRENT USE (Continued)
Final, Supplemental Environmental Baseline Survey, Naval Station Treasure Island

EBS Parcel	Building Number	Past Use	Current Use	Status*	LBP Present
T103	1149	Housing	Leased to TIDA/Tenant Occupied	Present	Yes (a)
T103	1201	Housing	Leased to TIDA/Tenant Occupied	Present	Yes
T103	1202	Housing	Leased to TIDA/Tenant Occupied	Present	Yes (a)
T103	1203	Housing	Leased to TIDA/Tenant Occupied	Present	Yes (a)
T103	1204	Housing	Leased to TIDA/Tenant Occupied	Present	Yes
T103	1205	Housing	Leased to TIDA/Tenant Occupied	Present	Yes (a)
T103	1206	Housing	Leased to TIDA/Tenant Occupied	Present	Yes
T103	1207	Housing	Not-In-Use	Present	Yes (a)
T103	1208	Housing	Leased to TIDA/Tenant Occupied	Present	Yes
T103	1209	Housing	Not-In-Use	Present	Yes
T103	1210	Housing	Leased to TIDA/Tenant Occupied	Present	Yes (a)
T103	1211	Housing	Leased to TIDA/Tenant Occupied	Present	Yes
T103	1213	Housing	Leased to TIDA/Tenant Occupied	Present	Yes (a)
T103	1215	Housing	Leased to TIDA/Tenant Occupied	Present	Yes
T103	1217	Housing	Leased to TIDA/Tenant Occupied	Present	Yes
T103	1219	Housing	Leased to TIDA/Tenant Occupied	Present	Yes (a)
T103	1220	Housing	Leased to TIDA/Tenant Occupied	Present	Yes
T103	1221	Housing	Leased to TIDA/Tenant Occupied	Present	Yes (a)
T103	1222	Housing	Not-In-Use	Present	Yes
T103	1223	Housing	Leased to TIDA/Tenant Occupied	Present	Yes
T103	1224	Housing	Leased to TIDA/Tenant Occupied	Present	Yes (a)
T103	1225	Housing	Leased to TIDA/Tenant Occupied	Present	Yes
T103	1226	Housing	Leased to TIDA/Tenant Occupied	Present	Yes
T103	1227	Housing	Leased to TIDA/Tenant Occupied	Present	Yes
T103	1228	Housing	Leased to TIDA/Tenant Occupied	Present	Yes
T103	1229	Housing	Not-In-Use	Present	Yes
T103	1230	Housing	Leased to TIDA/Tenant Occupied	Present	Yes (a)
T103	1231	Housing	Not-In-Use	Present	Yes
T103	1232	Housing	Leased to TIDA/Tenant Occupied	Present	Yes (a)
T103	1233	Housing	Not-In-Use	Present	Yes (a)
T103	1234	Housing	Leased to TIDA/Tenant Occupied	Present	Yes (a)
T103	1235	Housing	Leased to TIDA/Tenant Occupied	Present	Yes
T103	1236	Housing	Not-In-Use	Present	Yes
T103	1237	Housing	Leased to TIDA/Tenant Occupied	Present	Yes (a)
T103	1238	Housing	Leased to TIDA/Tenant Occupied	Present	Yes
T103	1239	Housing	Leased to TIDA/Tenant Occupied	Present	Yes
T103	1240	Housing	Leased to TIDA/Tenant Occupied	Present	Yes (a)

TABLE 4-2: SUMMARY OF BUILDINGS PAST AND CURRENT USE (Continued)
Final, Supplemental Environmental Baseline Survey, Naval Station Treasure Island

EBS Parcel	Building Number	Past Use	Current Use	Status*	LBP Present
T103	1241	Housing	Leased to TIDA/Tenant Occupied	Present	Yes (a)
T103	1242	Housing	Leased to TIDA/Tenant Occupied	Present	Yes (a)
T103	1243	Housing	Leased to TIDA/Tenant Occupied	Present	Yes (a)
T103	1244	Housing	Leased to TIDA/Tenant Occupied	Present	Yes (a)
T103	1245	Housing	Leased to TIDA/Tenant Occupied	Present	Yes (a)
T103	1246	Housing	Leased to TIDA/Tenant Occupied	Present	Yes (a)
T103	1248	Housing	Leased to TIDA/Tenant Occupied	Present	Yes (a)
T103	Pier 22	Ammunition pier		Demolished	Assumed
T104	1100	Housing	Not-In-Use	Present	Yes
T104	1102	Housing	Not-In-Use	Present	Yes
T104	1107	Housing	Not-In-Use	Present	Yes
T105	1212	Housing	Leased to TIDA/Tenant Occupied	Present	Yes
T105	1214	Housing	Leased to TIDA/Tenant Occupied	Present	Yes
T105	1216	Housing	Leased to TIDA/Tenant Occupied	Present	Yes
T105	1218	Housing	Leased to TIDA/Tenant Occupied	Present	Yes
T105	1247	Housing	Leased to TIDA/Tenant Occupied	Present	Yes
T105	1249	Housing	Not-In-Use	Present	Yes
T105	1250	Housing	Leased to TIDA/Tenant Occupied	Present	Yes (a)
T105	1251	Housing	Leased to TIDA/Tenant Occupied	Present	Yes
T105	1252	Housing	Leased to TIDA/Tenant Occupied	Present	Yes (a)
T105	1253	Housing	Leased to TIDA/Tenant Occupied	Present	Yes (a)
T105	1254	Housing	Leased to TIDA/Tenant Occupied	Present	Yes
T106	264	Housing office, miscellaneous storage, PWC shop, refrigerator storehouse	Occupied by SFPUC	Present	Assumed
T106	680	Sewage processing	Occupied by SFPUC	Present	Assumed No
T107	236	Applied instruction, administrative, classrooms	NA	Demolished	Assumed
T107	238	Applied instruction, shop and boiler house	NA	Demolished	Assumed
T107	292	Storage shed; also used as a pest control shop according to historical study	Occupied by DPW	Present	Assumed
T108	237	Oil storage tank	NA	Demolished	Assumed
T108	239	Oil separating pit and suction pump	NA	Demolished	Assumed
T108	240	Forecastle mock-up	NA	Demolished	Assumed
T108	241	Boiler room mock-up	NA	Demolished	Assumed
T108	242	Engine room mock-up	NA	Demolished	Assumed
T108	243	Hanger deck mock-up	NA	Demolished	Assumed

TABLE 4-2: SUMMARY OF BUILDINGS PAST AND CURRENT USE (Continued)
Final, Supplemental Environmental Baseline Survey, Naval Station Treasure Island

EBS Parcel	Building Number	Past Use	Current Use	Status*	LBP Present
T108	244	Instruction, training material, firefighting school storage, diving tank, OBA storage and repair	NA	Demolished	Assumed
T108	245	Oil separator pit mock-up	NA	Demolished	Assumed
T108	246	Smothering pit mock-up	NA	Demolished	Assumed
T108	247	Oil storage	NA	Demolished	Assumed
T108	248	Pump house	NA	Demolished	Assumed
T108	249	Gasoline storage	NA	Demolished	Assumed
T108	250	Sump mock-up; also used as a suction tank according to historical study	NA	Demolished	Assumed
T108	251	Foam tank underground mock-up	NA	Demolished	Assumed
T108	252	Open training tank mock-up	NA	Demolished	Assumed
T108	253	Napalm pit mock-up; named Christmas Tree Training Tank in historical study+	NA	Demolished	Assumed
T108	254	Nuclear bomb training mock-up; named Christmas Tree Training Tank in historical study+	NA	Demolished	Assumed
T108	255	Open training tank mock-up; named Christmas Tree Training Tank in historical study+	NA	Demolished	Assumed
T108	256	Gasoline tank	NA	Demolished	Assumed
T108	352	Applied instruction	NA	Demolished	Assumed
T108	353	Applied instruction	NA	Demolished	Assumed
T108	446	Storage	NA	Demolished	Assumed
T108	464	Smoke eliminating structure mock-up	NA	Demolished	Assumed
T108	471	Training mock-ups (control building/smoke eliminating facility)	NA	Demolished	Assumed
T108	484	Dewater tower mock-up	NA	Demolished	Assumed
T109	55	Rod and gun locker, inert arms storage	NA	Demolished	Assumed
T109	237	Oil storage tank	NA	Demolished	Assumed
T109	270	Paint - oil storage, storage	NA	Demolished	Assumed
T109	276	Rod and gun locker, film exchange, office, classroom	NA	Demolished	Assumed
T109	Pier 22	Ammunition pier		Demolished	Assumed
T110	237	Oil storage tank	NA	Demolished	Assumed
T110	461	Applied construction, training material storage (miscellaneous)	Leased to TIDA/Not-In-Use	Present	Assumed
T110	270	Paint - oil storage, storage	NA	Demolished	Assumed
T111	42	Storage - pyrotechnic and small arms, inert ammunition storage	NA	Demolished	Assumed
T111	56	Shop and storage	NA	Demolished	Assumed
T111	57	Shop and storage, storage	NA	Demolished	Assumed
T111	58	Incinerator and refuse, paint shop	NA	Demolished	Assumed
T111	59	Office, work improvement program	NA	Demolished	Assumed

TABLE 4-2: SUMMARY OF BUILDINGS PAST AND CURRENT USE (Continued)
Final, Supplemental Environmental Baseline Survey, Naval Station Treasure Island

EBS Parcel	Building Number	Past Use	Current Use	Status*	LBP Present
T111	60	Machine shop and storage	NA	Demolished	Assumed
T111	327	Salvage building	NA	Demolished	Assumed
T111	336	Linoleum shop	NA	Demolished	Assumed
T111	337	Mason's locker	NA	Demolished	Assumed
T111	371	USS Pandemonium training (mock-up)	NA	Demolished	Assumed
T111	403	Incinerator	NA	Demolished	Assumed
T111	404	Incinerator	NA	Demolished	Assumed
T111	462	Applied instruction, decontamination	Leased to TIDA/Not-In-Use	Present	Assumed
T111	463	Applied instruction, gas chamber	Leased to TIDA/Not-In-Use	Present	Assumed
T112	56	Shop and storage	NA	Demolished	Assumed
T112	60	Machine shop and storage	NA	Demolished	Assumed
T112	61	Paint spray shop, storage shed, carpenter shop	NA	Demolished	Assumed
T112	334	Paint locker	NA	Demolished	Assumed
T112	415	Operation	Occupied by Treatment Plant	Present	Assumed
T112	416	Digester tank-wastewater treatment facility	Occupied by Treatment Plant	Present	Assumed
T112	417	Sedimentation tank-wastewater treatment facility	Occupied by Treatment Plant	Present	Assumed
T112	465	Trickling filter	Occupied by Treatment Plant	Present	Assumed
T112	466	Secondary sedimentation	Occupied by Treatment Plant	Present	Assumed
T112	467	Digester No. 2	Occupied by Treatment Plant	Present	Assumed
T112	468	Sludge dewatering structure	Occupied by Treatment Plant	Present	Assumed
T112	550	Auxiliary boiler plant	Occupied by Treatment Plant	Present	Assumed No
T112	680	Sewage processing	Occupied by Treatment Plant	Present	Assumed No
T112	681	Office and lab: listed in EBS text, not table. Listed as industrial waste treatment in SSPORT 8/1998	Occupied by Treatment Plant	Present	Assumed No
T112	UN12	Digester temperature control	Occupied by Treatment Plant	Present	Assumed
T112	UN13	Packaged boiler	Occupied by Treatment Plant	Present	Assumed
T113	62	Warehouse and shop (pipe threading/cutting, radio/electric repair), film processing, west coast training aid, administrative, applied/academic instruction, auto maintenance, operational storage (miscellaneous)	Leased to TIDA/Occupied by W. Wong Construction and DPW	Present	Yes
T113	334	Paint locker	NA	Demolished	Assumed
T113	680	Sewage processing	Occupied by Treatment Plant	Present	Assumed No
T114	335	Bus paint shop, Lucky Bat storage (clothing dispensary), car washing, shops, reserve training, auto shop, PWC maintenance storage	Leased to TIDA/Occupied by Rubicon Landscaping	Present	Assumed
T114	UN29	Chemical storage: listed in EBS text, not table	Not Found	Unknown	Assumed
T115	336	Linoleum shop	NA	Demolished	Assumed
T115	445	Auto organizational and maintenance shop, storage	Not-In-Use	Present	Assumed
T116	3	Ship repair shop	Not Found	Unknown	Assumed

TABLE 4-2: SUMMARY OF BUILDINGS PAST AND CURRENT USE (Continued)
Final, Supplemental Environmental Baseline Survey, Naval Station Treasure Island

EBS Parcel	Building Number	Past Use	Current Use	Status*	LBP Present
T116	3A	Hazardous mat storage lockers: listed in EBS text, not table	Not Found	Unknown	Assumed
T116	3B	Hazardous mat storage lockers: listed in EBS text, not table	Not Found	Unknown	Assumed
T117	10	Barracks	NA	Demolished	Assumed
T117	11	Office, barracks	NA	Demolished	Assumed
T117	12	Office	NA	Demolished	Assumed
T118	296	Shelter and office, water taxi pier	NA	Demolished	Assumed
T118	Pier 23	Recreational pier	Leased to TIDA/Recreational Use	Present	Assumed
T119	Pier 1	Pier operations including large boat and ship docking	Leased to TIDA/Not-In-Use	Present	Assumed
T120	65	Shelter and rifle range	NA	Demolished	Assumed
T120	67	Bleachers, gear storage	NA	Demolished	Assumed
T120	600	Administrative offices, classrooms, restrooms	Occupied by SFFD	Present	Assumed No
T120	605	Office, storage; also used as P-250 Pump Trainer Firefighting according to historical study	Occupied by SFFD	Present	Assumed No
T120	606	Advanced shipboard fire training facility	Occupied by SFFD	Present	Assumed No
T120	608	General shipboard fire training facility	Occupied by SFFD	Present	Assumed No
T120	609	General shipboard fire training facility	Occupied by SFFD	Present	Assumed No
T120	610	Fire training water accumulation tank	Occupied by SFFD	Present	Assumed No
T120	611	Fire training water accumulation tank	Occupied by SFFD	Present	Assumed No
T120	612	Aviation fire training facility	Occupied by SFFD	Present	Assumed No
T120	613	General shipboard fire training facility	Occupied by SFFD	Present	Assumed No
T120	614	General shipboard gallery fire training facility	Occupied by SFFD	Present	Assumed No
T120	615	Fire training water accumulation tank; also used as utility building according to historical study	Occupied by SFFD	Present	Assumed No
T120	616	Fire training water accumulation tank; also used as aviation tower according to historical study	Occupied by SFFD	Present	Assumed No
T120	617	P250 pump training facility/tower	Occupied by SFFD	Present	Assumed No
YB002	182	PAN AM gasoline pump house	NA	Demolished	Assumed
YB003	26	Boiler house (hospital)	NA	Demolished	Assumed
YB003	253	Storage shed, tool shed	Leased to TIDA/Tenant Occupied	Present	Yes
YB003	26-A	Shed	NA	Demolished	Assumed
YB003	26-B	Valve house	NA	Demolished	Assumed
YB004	24	Yeoman's school	NA	Demolished	Assumed
YB004	27	Sterilizing house	NA	Demolished	Assumed
YB004	60	Quarters	Leased to TIDA/Tenant Occupied	Present	Yes
YB004	61	Quarters	Not-In-Use	Present	Yes
YB004	72	Latrine	NA	Demolished	Assumed
YB004	79	Storage, hospital corps training school, garage and hose reel	NA	Demolished	Assumed

TABLE 4-2: SUMMARY OF BUILDINGS PAST AND CURRENT USE (Continued)
Final, Supplemental Environmental Baseline Survey, Naval Station Treasure Island

EBS Parcel	Building Number	Past Use	Current Use	Status*	LBP Present
YB004	93	Latrine and wash house	NA	Demolished	Assumed
YB004	97	Offices, general courts martial barracks, recreation	NA	Demolished	Assumed
YB004	104	Garage	NA	Demolished	Assumed
YB004	105	Quarters	Leased to TIDA/Tenant Occupied	Present	Yes
YB004	106	Quarters	Leased to TIDA/Tenant Occupied	Present	Yes
YB004	109	Quarters	Leased to TIDA/Tenant Occupied	Present	Yes
YB004	111	Quarters	Leased to TIDA/Tenant Occupied	Present	Yes
YB004	113	Quarters	Leased to TIDA/Tenant Occupied	Present	Yes
YB004	115	Quarters	Leased to TIDA/Tenant Occupied	Present	Yes
YB004	145	Battery house	NA	Demolished	Assumed
YB004	219	Gun shed, water control office	NA	Demolished	Assumed
YB004	222	Barracks	NA	Demolished	Assumed
YB004	226	Washroom and storage, prisoners' effects	NA	Demolished	Assumed
YB004	227	Water reservoir	Active	Present	Assumed
YB004	243	Pump house	Occupied by SFPUC	Present	Assumed
YB004	248	Barracks	NA	Demolished	Assumed
YB004	249	Showers, honey house	NA	Demolished	Assumed
YB004	276	Laundry and "HW" building	Leased to TIDA/Tenant Occupied	Present	Yes
YB004	300	Family housing (8 units)	Leased to TIDA/Tenant Occupied	Present	Yes
YB004	301	Housing	Leased to TIDA/Tenant Occupied	Present	Yes
YB004	302	Housing	Leased to TIDA/Tenant Occupied	Present	Yes
YB004	303	Housing	Leased to TIDA/Tenant Occupied	Present	Yes
YB004	304	Housing	Leased to TIDA/Tenant Occupied	Present	Yes
YB004	324	Housing	Leased to TIDA/Tenant Occupied	Present	Yes
YB004	325	Housing	Leased to TIDA/Tenant Occupied	Present	Yes
YB004	326	Housing	Leased to TIDA/Tenant Occupied	Present	Yes
YB004	327	Housing	Leased to TIDA/Tenant Occupied	Present	Yes
YB004	328	Housing	Leased to TIDA/Tenant Occupied	Present	Yes
YB004	329	Housing	Leased to TIDA/Tenant Occupied	Present	Yes
YB004	331	Housing	Leased to TIDA/Tenant Occupied	Present	Yes
YB004	162T	Water storage tank	Active	Present	Yes
YB004	242T	Water storage tank	Active	Present	Assumed
YB004	60A	Shed	NA	Demolished	Assumed
YB005	225	Pump house	Occupied by SFPUC	Present	Assumed
YB006	261	Chlorination building	Occupied by SFPUC	Present	Assumed
YB007	99	Drying house	NA	Demolished	Assumed
YB007	220	Storage, brig	NA	Demolished	Assumed

TABLE 4-2: SUMMARY OF BUILDINGS PAST AND CURRENT USE (Continued)
Final, Supplemental Environmental Baseline Survey, Naval Station Treasure Island

EBS Parcel	Building Number	Past Use	Current Use	Status*	LBP Present
YB007	241	Brig	NA	Demolished	Assumed
YB008	221	Shelter, prisoners' workshop, garage	Occupied by SFPUC	Present	Yes
YB009	255	Chlorinator/Water Treatment system	Occupied by SFPUC	Present	Assumed
YB010	269	Gate house	NA	Demolished	Assumed
YB011	66	Barracks, oil heating plant, garage	Leased to TIDA/Tenant Occupied	Present	Yes
YB012	274	Fallout shelter, storage	Not Found	Unknown	Assumed
YB013	62	Quarters	Not-In-Use	Present	Yes
YB014	107	Standby generator building, signal tower	Occupied by SFPUC	Present	Assumed
YB014	117	Elevated tank and pump house	NA	Demolished	Assumed
YB014	223	Storage	NA	Demolished	Assumed
YB014	224	Radio school, lab	NA	Demolished	Assumed
YB014	229	RADIO school, lab, communication annex, mess open E4-6/NCO club, officer's club/USCG officer's club (vacant)	Not-In-Use	Present	Assumed
YB014	168T	Water storage tank	Active	Present	Assumed
YB014	UN25	Paint storage	Not Found	Unknown	Assumed
YB015	118	Transformer house	Active	Present	Assumed
YB016	18	Quarters	NA	Demolished	Assumed
YB016	19	Quarters	NA	Demolished	Assumed
YB016	48	Latrine	NA	Demolished	Assumed
YB016	49	Wash house	NA	Demolished	Assumed
YB016	51	Shed over scrubbing table	NA	Demolished	Assumed
YB016	68	Hospital corps, barracks	NA	Demolished	Assumed
YB016	69	YMCA	NA	Demolished	Assumed
YB016	87	Storehouse	NA	Demolished	Assumed
YB016	88	Bake oven house	NA	Demolished	Assumed
YB016	91	Quarters	NA	Demolished	Assumed
YB016	129	Hose house	NA	Demolished	Assumed
YB016	130	Tool house	NA	Demolished	Assumed
YB016	131	Valve house and shed	NA	Demolished	Assumed
YB016	132	Dressing room, shed storage	NA	Demolished	Assumed
YB016	240	Quarters, dispensary and ward	Not-In-Use	Present	Yes
YB017	29	Barracks and garage	NA	Demolished	Assumed
YB017	33	Hose cart and chemical house	NA	Demolished	Assumed
YB017	59	Storehouse, barracks	NA	Demolished	Assumed
YB017	246	Loading shed	NA	Demolished	Assumed
YB017	251	Garbage house	NA	Demolished	Assumed
YB017	260	Assembly shed, garbage house	NA	Demolished	Assumed

TABLE 4-2: SUMMARY OF BUILDINGS PAST AND CURRENT USE (Continued)
Final, Supplemental Environmental Baseline Survey, Naval Station Treasure Island

EBS Parcel	Building Number	Past Use	Current Use	Status*	LBP Present
YB017	268	Gate house	NA	Demolished	Assumed
YB017	269	Gate house	NA	Demolished	Assumed
YB017	270	Heating plant (abandoned)	NA	Demolished	Assumed
YB018	16	Carport, barracks	NA	Demolished	Assumed
YB019	28	Salt water pump house	NA	Demolished	Assumed
YB019	34	Greenhouse	NA	Demolished	Assumed
YB019	35	Greenhouse	NA	Demolished	Assumed
YB019	36	Greenhouse storeroom	NA	Demolished	Assumed
YB019	37	Storehouse	NA	Demolished	Assumed
YB019	57	School, motel/temporary lodging (abandoned)	Not-In-Use	Present	Assumed
YB019	83	2-car garage and apartment	Not-In-Use	Present	Yes
YB019	142	Gardener's tool shed, storage	Not Found	Unknown	Assumed
YB019	200	Transformer house	Active	Present	Assumed
YB019	205	5-car garage	Not-In-Use	Present	Assumed
YB019	230	3-car garage and quarters	Not-In-Use	Present	Yes
YB019	267	Garage of Quarters 10	Leased to TIDA/Tenant Occupied	Present	Yes
YB019	Qtrs 1	Senior officers' quarters	Leased to TIDA/Used for Events	Present	Yes
YB019	Qtrs 10	Senior officers' quarters	Not-In-Use	Present	Yes
YB019	Qtrs 2	Senior officers' quarters	Not-In-Use	Present	Yes
YB019	Qtrs 3	Senior officers' quarters	Not-In-Use	Present	Yes
YB019	Qtrs 4	Senior officers' quarters	Not-In-Use	Present	Yes
YB019	Qtrs 5	Senior officers' quarters	Not-In-Use	Present	Yes
YB019	Qtrs 6	Senior officers' quarters	Not-In-Use	Present	Yes
YB019	Qtrs 7	Senior officers' quarters	Not-In-Use	Present	Yes
YB020	15	Laundry	NA	Demolished	Assumed
YB020	30	Garage	NA	Demolished	Assumed
YB020	36	Greenhouse storeroom	NA	Demolished	Assumed
YB020	64	Ice house	NA	Demolished	Assumed
YB020	77	Automobile pit (lower level); also used as a transformer house (upper level) according to historical study	NA	Demolished	Assumed
YB020	78	Tool house	NA	Demolished	Assumed
YB020	92	Small arms magazine	NA	Demolished	Assumed
YB020	122	Transformer station	NA	Demolished	Assumed
YB020	137	Chicken house	NA	Demolished	Assumed
YB020	138	Chicken house	NA	Demolished	Assumed
YB020	139	Greenhouse and chicken house	NA	Demolished	Assumed
YB020	214	Heating plant (this plant was renamed Building 14 by Coast Guard)	NA	Demolished	Assumed

TABLE 4-2: SUMMARY OF BUILDINGS PAST AND CURRENT USE (Continued)
Final, Supplemental Environmental Baseline Survey, Naval Station Treasure Island

EBS Parcel	Building Number	Past Use	Current Use	Status*	LBP Present
YB020	244	Drying building, barracks	NA	Demolished	Assumed
YB020	252	Machine shop, powerhouse storeroom, storage	NA	Demolished	Assumed
YB021	260	Assembly shed, garbage house	NA	Demolished	Assumed
YB022	11	Office/administrative; also used as main barracks and gallery/classrooms according to historical study	NA	Demolished	Assumed
YB022	31	Blacksmith shop	NA	Demolished	Assumed
YB022	11-C	Prison	NA	Demolished	Assumed
YB023	213 (13)	Fire station, storage, boiler; prior to 1940 "Building 13": gym, library, barracks, recreation building	NA	Demolished	Assumed
YB024	15	Laundry	NA	Demolished	Assumed
YB024	32	Commissary store and wash house	NA	Demolished	Assumed
YB024	63	Wash house	NA	Demolished	Assumed
YB024	87	Storehouse	NA	Demolished	Assumed
YB024	133	Tank house	NA	Demolished	Assumed
YB024	232	Barracks	NA	Demolished	Assumed
YB024	233	Mess hall	NA	Demolished	Assumed
YB024	234	Barracks, classrooms	NA	Demolished	Assumed
YB024	235	Barracks, ward, blood bank and laboratory	NA	Demolished	Assumed
YB024	245	Trash and laundry	NA	Demolished	Assumed
YB024	247	Bag storage	NA	Demolished	Assumed
YB025	204	Fire station; also used as ordnance school according to historical study	NA	Demolished	Assumed
YB025	208	Gasoline filling station	NA	Demolished	Assumed
YB025	231	Incinerator	NA	Demolished	Assumed
YB025	257	Saw mill	NA	Demolished	Assumed
YB025	258	Storage	NA	Demolished	Assumed
YB026	262	Storage, shop, and mine warehouse	NA	Present	Assumed

Notes:

Table shows buildings that were present since the 1995 EBS and demolished buildings.
All demolished buildings, unless associated with an ongoing investigation, have been assigned ECP Area Type 1.
The buildings located in transferred property were not included in this table.

*	Demolished and unknown structures (see status column) do not appear on Figures 3-1 and 3-2 (Building Locations) because their locations could not be verified through historical reviews or visual surveys.
NA	Historical source: Mare Island Naval Shipyard Base Realignment and Closure (MINS). 1995. "Historical Study of Yerba Buena Island, Treasure Island, and their Buildings." Ausust 7.
a	The LBP survey extrapolated results from similar buildings.
ATM	Automated teller machine
CSO	Caretaker site office
DC	Direct current
DPW	San Francisco Department of Public Works
EBS	Environmental baseline survey
ECP	Environmental condition of property
HW	Hazardous waste
LBP	Lead-based paint
MWR	Morale, welfare and recreation
NA	Not applicable
NCO	Non-commissioned officer
NTTC	Naval technology traning center
OBA	Oxygen breathing apparatus
PWC	Navy Public Works Center
Qtrs	Quarters
SF	San Francisco
SFFD	San Francisco Fire Department
SFPUC	San Francisco Public Utilities Commission
SFUSD	San Francisco Unified School District
Shaw	Shaw Group, Inc.
SPL SERV	Special services
SSPORTS	Supervisor of Shipbuilding, Conversion and Repair, Portsmouth, Virginia, Environmental Detachment, Vallejo
Tetra Tech	Tetra Tech EM Inc.
TI	Treasure Island
TIDA	Treasure Island Development Authority
TIHDI	Treasure Island Homeless Development Initiative
UN	Unnumbered
USCG	U.S. Coast Guard
USMCR	U.S. Marine Corp Reserve

TABLE 4-3: SUMMARY OF TRANSFER PARCEL OPEN SPACE PAST AND CURRENT USE

Final, Supplemental Environmental Baseline Survey, Naval Station Treasure Island

Transfer Parcel	EBS Parcel	Description	Past Use*	Current Use
TI Southwest Transfer Parcel	T001	Approximately 75 percent of the open space is covered by asphalt; the remainder is covered by concrete landscaping.	The parcel has historically been used as an entrance thoroughfare for NAVSTA TI dating back to 1943.	The portions of the parcel are leased to TIDA and current use is consistent with past use.
TI Southwest Transfer Parcel	T002	The majority of the open space (approximately 75 percent) is covered with asphalt-covered parking areas; the remainder is covered by grassy landscaping and concrete.	The open space areas have historically been used for parking and landscaping in its current configuration since prior to 1943.	The parcel is leased to TIDA and current use is consistent with past use.
TI Southwest Transfer Parcel	T003	The parcel entirely occupied by Building 1, leased to TIDA.	There is no open space. Historically the parcel has been occupied entirely by Building 1.	The parcel is leased to TIDA and is occupied by various tenants (Navy, CSO, Mayor's Office, DPW, SF Department of Aging, and John Stewart Company).
TI Southwest Transfer Parcel	T006	Approximately 80 percent of the parcel is open space areas, composed predominately of asphalt-paved parking.	The open space areas have historically been used for parking and staging area for Naval training, and more recently the film company occupying Building 2. Building 2 has occupied a portion of the parcel since approximately 1938.	The parcel is leased to TIDA and the current use includes parking (for the subtenant Island Creative Management).
TI Southwest Transfer Parcel	T023	Approximately 60 percent of the parcel is open space and is composed of asphalt-covered parking, concrete walkways, and grassy landscaped areas surrounding Building 450.	The open space has historically been used as asphalt-covered parking, vehicle thoroughfares, and concrete walkways.	The parcel is currently not in use.
TI Southwest Transfer Parcel	T024	Approximately 99 percent of the parcel is open space composed of undeveloped grassy areas.	The open space areas have historically been undeveloped since before 1943, with the exception of a basketball court reported to have existed from 1968 through 1971. A lift station (Building 395) has occupied a portion of the parcel since 1944.	A lift station (395) is located within the parcel, which is owned and operated by the Treatment Plant.

TABLE 4-3: SUMMARY OF TRANSFER PARCEL OPEN SPACE PAST AND CURRENT USE (Continued)

Final, Supplemental Environmental Baseline Survey, Naval Station Treasure Island

Transfer Parcel	EBS Parcel	Description	Past Use*	Current Use
TI Southwest Transfer Parcel	T025	100 percent of the parcel is open space, composed of a grassy field.	The parcel formerly contained Buildings 16, 115, and 116. Since Building 116 was demolished prior to 1961, and Buildings 16 and 115 were demolished prior to 1977, the parcel has been unused and has consisted of a grassy field.	The parcel is currently not in use.
TI Southwest Transfer Parcel	T026	100 percent of the parcel is open space, consisting of a grassy playing field surrounded by trees, a small parking area, and a portion of Third Street.	Historically, the parcel contained Buildings 117, 118, 139, and 354; since Building 354 was demolished prior to 1977, the parcel has been open space consisting of a ball field and a small parking area.	The parcel is currently not in use.
TI Southwest Transfer Parcel	T027	Approximately 60 percent of the parcel is open space, consisting of an asphalt-covered parking area, a vehicle thoroughfare, and surrounding grassy landscaped grounds.	Historically, the parcel has been used as parking and landscaped areas since prior to 1944.	The parcel is currently leased to TIDA.
TI Southwest Transfer Parcel	T028	Approximately 90 percent of the parcel is open space, consisting of parking, roads, and a playing field area.	Historically, the parcel was used for the World's Fair, but since prior to 1961 has been used for parking, roads, and a playing field.	Approximately 90 percent of the parcel has been transferred to the Job Corps; the use of the remaining 10 percent is consistent with past use.
TI Southwest Transfer Parcel	T029	Approximately 90 percent of the parcel is open space, consisting of parking and undeveloped grassy areas.	Historically, Building 481 was located within the parcel from 1971 until it was demolished, and Building 449 has been located on the parcel since 1968. Before 1971, the parcel was open space adjacent to World's Fair exhibition halls and was part of a parking and equipment storage area.	Approximately 60 percent of Building 449 is leased to TIDA. The remaining 40 percent is not in use. The current use consists of parking and undeveloped areas.
TI Southwest Transfer Parcel	T030	Approximately 90 percent of the parcel is open space, consisting of grassy landscaping, covered asphalt, and concrete.	Historically, the parcel was used for picnic and barbecue areas, vehicle parking, and landscaped grounds for buildings located on the parcel.	The parcel is currently leased to TIDA.
TI Southwest Transfer Parcel	T033	The entire parcel consists of grassy open space and asphalt covered parking area.	Historically, nine structures occupied the parcel since 1943, but in 1971, the structures were no longer present and the area appeared to be developed with a large grassy open area and vehicle parking.	The parcel is currently leased to TIDA.

TABLE 4-3: SUMMARY OF TRANSFER PARCEL OPEN SPACE PAST AND CURRENT USE (Continued)

Final, Supplemental Environmental Baseline Survey, Naval Station Treasure Island

Transfer Parcel	EBS Parcel	Description	Past Use*	Current Use
TI Southwest Transfer Parcel	T034	Approximately 70 percent of the parcel is open space covered by landscaped grassy areas, asphalt parking areas, and concrete walkways.	Prior to 1968, the entire parcel consisted of an open, undeveloped, grassy area, and an asphalt paved vehicle parking area. Since 1971, the parcel has consisted of two buildings, associated landscaping, vehicle parking, and concrete walkways.	The parcel is currently not in use.
TI Southwest Transfer Parcel	T035	The entire parcel consists of an asphalt covered parking area.	Historically, five buildings occupied the parcel constructed for the World's Fair. The buildings were demolished prior to 1948. A sump house was demolished in 1971. Since that time, the parcel has been a vehicle parking area.	The parcel is leased to TIDA.
TI Southwest Transfer Parcel	T037	The entire parcel consists of 70 percent open space primarily.	Historically, four buildings occupied the parcel constructed for the World's Fair. Two of the buildings were demolished prior to July 1948. Currently, two buildings still occupy approximately 30 percent of the parcel and were used as a pump station (380) and barracks (366). These two buildings have been transferred to Job Corps.	Approximately 95 percent of the parcel is occupied by Job Corps and the remaining 5 percent is open space.
TI Southwest Transfer Parcel	T038	The entire parcel consists of 70 percent open space primarily used as vehicle parking.	Historically, parts of three World's Fair exhibition halls covered the parcel. All three buildings were demolished prior to 1948. Since 1948, the parcel has been in its present configuration.	Approximately 90 percent of the parcel has been transferred to Job Corps; the remaining 10 percent consists of paved areas used for parking.
TI Southwest Transfer Parcel	T039	The entire parcel consists of 85 percent open space primarily used as vehicle parking.	Historically, parts of several World's Fair exhibition halls covered the parcel. All buildings were demolished prior to 1948. Since 1948, the parcel has been in its present configuration.	Approximately 85 percent of the parcel has been transferred to Job Corps. The remaining 15 percent is open space, consisting of paved areas.
TI Southwest Transfer Parcel	T118	The entire parcel consists of a pier primarily used for sports fishing.	Historically, the parcel was used as a pier. A sole building on the pier was demolished prior to 1971. The building was used as an office space for the pier's water taxi.	The current use is consistent with the past use.

TABLE 4-3: SUMMARY OF TRANSFER PARCEL OPEN SPACE PAST AND CURRENT USE (Continued)

Final, Supplemental Environmental Baseline Survey, Naval Station Treasure Island

Transfer Parcel	EBS Parcel	Description	Past Use*	Current Use
TI Southeast Transfer Parcel	T010	Approximately 99 percent of the parcel is open space. A helicopter landing area is located on the southern end, and most of the northern portion is an unpaved area. The remainder is vehicle parking and roadways.	Historically, the parcel was used for fuel storage, fuel dispensing, vehicle and equipment storage, and parking. The northern portion has been unpaved since the 1940s. The majority of the buildings once located on the parcel were demolished between 1961 and 1971. Since 1971, nearly the entire parcel has been open space.	A sewage lift station (UN4), operated by the Treatment Plant, and two small building associated with the station (UN5 and UN6) are located within the parcel. Approximately 40 percent of the parcel is leased to TIDA; the remaining 60 percent is not in use.
TI Southeast Transfer Parcel	T015	Approximately 90 percent of the parcel is open space, consisting of areas covered by grass (80 percent), asphalt (15 percent), and concrete (5 percent).	Historically, four structures have been located on the parcel; three were destroyed prior to 1977. Historical aerial photographs indicate that the parcel has contained a large undeveloped area.	The parcel is not in use and remains largely undeveloped.
TI Southeast Transfer Parcel	T016	Approximately 99 percent of the parcel is open space covered by asphalt (60 percent) and bare soil (40 percent). The total parcel area consists of an asphalt-covered parking area and an unused undeveloped area.	Historically, the area was used as grounds for Building 89 and a vehicle thoroughfare. The vehicle thoroughfare was converted into a parking area prior to 1963. The southwest portion of the parcel has consistently been bare soil. Building 89 was demolished prior to 1977. Currently, the parcel is occupied by Building 369, a sump house.	A small sump house (396), operated by the Treatment Plant, is located within the parcel. The parcel is leased to TIDA.
TI Southeast Transfer Parcel	T017	Building 34 occupies 100 percent of the parcel.	The parcel has historically consisted entirely of Building 34 and no open space.	The parcel is leased to TIDA.
TI Southeast Transfer Parcel	T018	Approximately 98 percent of the parcel is open space covered by grass and landscaping (60 percent), asphalt (15 percent) and concrete (15 percent).	The parcel surrounds Building 34. Historically, Buildings 90 and 91 have occupied the parcel. Building 90 was demolished prior to 1977.	Approximately 80 percent of the parcel is leased to TIDA.
TI Southeast Transfer Parcel	T119	EBS parcel T119 is approximately 2.5 acres and made up of Pier 119.	From 1943 through 1983, the site was occupied by a small pier. Since 1991 the parcel has been in its present configuration.	The parcel is leased to the TIDA.
TI Core Transfer Parcel	T040	The entire parcel consists of open space, consisting of two baseball diamonds, a playground, a golf driving range, a soccer field, and a barbecue area. The perimeter of the parcel consists of vehicle parking.	Historically, 12 buildings were located on the parcel. The buildings were demolished prior to 1983. Since 1983, the parcel has been in its present recreational configuration.	Approximately 60 percent of the parcel has been transferred to Job Corps. The remaining 40 percent consists of asphalt-covered vehicle parking areas.

TABLE 4-3: SUMMARY OF TRANSFER PARCEL OPEN SPACE PAST AND CURRENT USE (Continued)

Final, Supplemental Environmental Baseline Survey, Naval Station Treasure Island

Transfer Parcel	EBS Parcel	Description	Past Use*	Current Use
TI Core Transfer Parcel	T041	Approximately 90 percent of the parcel is open space.	Historically, six buildings were located on the parcel, but were demolished prior to 1995.	Approximately 45 percent of the parcel has been transferred to Job Corps. The remaining 55 percent has been transferred to TIDA.
TI Core Transfer Parcel	T042	Approximately 99 percent of the parcel is open space, consisting of vehicle parking and a former golf driving range located in the northwest corner.	Three buildings and parts of five others occupied the parcel and were demolished prior to 1977. Since 1977, the parcel has been in its present configuration.	Approximately 70 percent of the parcel has been transferred to Job Corps. The remaining 30 consists of vehicle parking.
TI Core Transfer Parcel	T048	The entire parcel consists of open space, consisting of asphalt and concrete-paved parking areas (50 percent), unpaved grass and gravel-covered areas (30 percent), and a fenced in area (20 percent).	Historically, the parcel contained three buildings that were demolished prior to 1976. Between 1976 and 1983, the parcel was redeveloped with a square-shaped structure and asphalt-paved areas. In 1991, the entire parcel was open space, in its present configuration.	The parcel is currently not in use.
TI Core Transfer Parcel	T049	Building 258 has occupied the entire parcel since 1943.	The parcel has historically consisted entirely of Building 258 and no open space.	The parcel is currently not in use.
TI Core Transfer Parcel	T050	Approximately 95 percent of the parcel is open space, consisting of grassy open areas (40 percent), asphalt (30 percent), sand (20 percent), and concrete (10 percent).	From 1943 through 1968, the open space areas at the parcel consisted of landscaped grounds, concrete walkways, and asphalt parking areas. The parcel became entirely open space in 1971 when six buildings were demolished. In 1991 the parcel was developed to its present condition.	The parcel is leased to TIDA.
TI Core Transfer Parcel	T051	The parcel is entirely open space, consisting of a soccer field, a bus stop, and a vehicle parking area.	Historically, six buildings (17-22) were present on the parcel and were demolished prior to 1971. By 1983, the area appeared vacant and graded and in 1991 Avenue F was removed and the area had been developed with a baseball field.	The parcel is leased to TIDA.
TI Core Transfer Parcel	T052	Approximately 99 percent is open space, consisting of an unpaved vacant lot and paved asphalt roadways and concrete sidewalks.	The parcel historically contained a large building (263) that was demolished prior to 1977. By 1991, the parcel appears as it does today, as predominantly open space.	Approximately 90 percent of the parcel is leased to TIDA. A lift station (393), operated by the Treatment Plant, is located within the parcel.

TABLE 4-3: SUMMARY OF TRANSFER PARCEL OPEN SPACE PAST AND CURRENT USE (Continued)

Final, Supplemental Environmental Baseline Survey, Naval Station Treasure Island

Transfer Parcel	EBS Parcel	Description	Past Use*	Current Use
TI Core Transfer Parcel	T053	Approximately 99 percent of the parcel is open space, consisting of a parking lot, asphalt roadways, concrete sidewalks, and associated grounds for Building 229.	The parcel historically consisted of two structures, a shed (UN23) that was never found and a lift station (229A) that remains on the parcel.	Approximately 90 percent of the parcel is leased to TIDA. In the remaining 10 percent, a lift station (229A) is located within the parcel.
TI Core Transfer Parcel	T054	Building 229 has occupied the entire parcel since 1944.	The parcel has historically consisted entirely of Buildings 229 and 98 and no open space. Building 98 was demolished prior to 1977.	The parcel is leased to TIDA and currently occupied by Delancey Street Foundation.
TI Core Transfer Parcel	T055	Approximately 60 percent of the parcel is open space, consisting of paved asphalt and concrete sidewalks.	Historically, the parcel has been occupied by three buildings (29, 378, and 379).	A lift station (378) is located within the parcel approximately 3 percent of parcel T055 is located in the Transfer Parcel and is currently not in use and the remaining portion is not in use.
TI Core Transfer Parcel	T056	Approximately 80 percent of the parcel is open space, consisting of a baseball field, vehicle parking areas, roadway, and landscaped areas.	Historically, 22 buildings were located on the parcel and at least 10 buildings have been demolished.	The majority of this parcel is not in use, but there is a small area leased to TIDA and there are (4) sump houses located within the parcel.
TI Core Transfer Parcel	T059	The entire parcel is open space surrounding Building 260, consisting of asphalt and concrete covered areas.	Historically, the parcel has been open space surrounding Building 260 since 1943.	Currently, Buildings 96 and 99 occupy the parcel, which surrounds Building 260. Approximately 2 percent of T059 is located in the transfer parcel and is currently not in use.The parcel is leased to TIDA.
TI Core Transfer Parcel	T061	The parcel consists entirely of open space surrounding Buildings 261 and 401. The parcel area consists of vehicle parking spaces, walkways, an outdoor playground, and landscaping.	Based on historical aerial photographs, a building occupied the southeast corner of the parcel and was demolished prior to 1961. In addition, from 1968 through 1991 the area was occupied by sports courts. The parcel has been in its present configuration since 1991.	The parcel is currently not in use.
TI Core Transfer Parcel	T062	Building 261has occupied the entire parcel since 1943.	The parcel has historically consisted entirely of Building 261and no open space.	The parcel is currently not in use.

TABLE 4-3: SUMMARY OF TRANSFER PARCEL OPEN SPACE PAST AND CURRENT USE (Continued)

Final, Supplemental Environmental Baseline Survey, Naval Station Treasure Island

Transfer Parcel	EBS Parcel	Description	Past Use*	Current Use
TI Core Transfer Parcel	T063	Building 401has occupied the entire parcel since 1961.	The parcel has historically consisted entirely of Building 262 until 1961 when it was demolished and Building 401 was built over it.	The parcel is currently not in use.
TI Core Transfer Parcel	T064	The entire parcel is open space, consisting of a landscaped grassy area.	Historically, the parcel was used partially for a baseball field.	The parcel is leased to TIDA.
TI Core Transfer Parcel	T065	Approximately 60 percent of the parcel is open space, consisting of a recreation area.	The parcel has historically been used as a recreation area, but a portion of the parcel was occupied by Building 13 and was demolished prior to 1977.	Approximately 1 percent of T065 is located in the transfer parcel and is currently not in use.
TI Core Transfer Parcel	T068	The entire parcel is open space, consisting of a roadway, propane storage and transfer area, and pedestrian walkway.	Historically, 3 structures (67, 68, 618) and 1 pier occupied the parcel and have been demolished.	The portion of the parcel is leased to TIDA and is currently used as part of the fire fighting training school.
TI Core Transfer Parcel	T070	The entire parcel is open space, consisting of asphalt covered vehicle parking areas, grassy landscaping, and concrete.	The parcel was developed into its present state prior to 1943.	The parcel is currently not in use.
TI Core Transfer Parcel	T071	The entire parcel has been occupied by Building 215 since 1943.	The parcel has historically consisted entirely of Building 215 and no open space.	The parcel is currently not in use.
TI Core Transfer Parcel	T072	Approximately 20 percent of the parcel is open space, consisting of asphalt-paved areas and the grounds for Building 216.	The parcel has been developed in its current state since 1943.	The parcel is currently not in use.
TI Core Transfer Parcel	T073	Approximately 80 percent of the parcel is open space, consisting of a large asphalt-paved parking area, grassy landscaping, asphalt, and concrete that surrounds Building 217.	The parcel has been developed in its current state since 1943.	The parcel is leased to TIDA.
TI Core Transfer Parcel	T074	Approximately 85 percent of the parcel is open space, consisting of a roadway and paved areas associated with Buildings 64 and 330.	The parcel has been occupied by Building 330 (a former gas station) and Building 64 (administrative office) since 1945.	A portion of the parcel is occupied by the Treatment Plant (UN9, UN10, UN11).
TI Core Transfer Parcel	T076	Approximately 80 percent of the parcel is open space.	Historically, the parcel has been used as a fuel farm since the 1940s.	The parcel is currently not in use.

TABLE 4-3: SUMMARY OF TRANSFER PARCEL OPEN SPACE PAST AND CURRENT USE (Continued)

Final, Supplemental Environmental Baseline Survey, Naval Station Treasure Island

Transfer Parcel	EBS Parcel	Description	Past Use*	Current Use
TI Core Transfer Parcel	T077	Approximately 95 percent of the parcel is open space, consisting of grass, asphalt, and concrete sidewalks.	The parcel was historically occupied by a large building with and attached parking area, which was demolished prior to 1977. The parcel has been in its present state since prior to 1991.	The parcel is leased to TIDA.
TI Core Transfer Parcel	T078	Approximately 90 percent of the parcel is open space, consisting of landscaping, asphalt, and gravel.	The parcel was historically occupied by a large build, which was demolished prior to 1977. Since at least 1991, the parcel has been used for vehicle parking and general landscaping.	The parcel is leased to TIDA.
TI Core Transfer Parcel	T079	Approximately 95 percent of the parcel is open space.	Historically, three buildings occupied the parcel and two were demolished (207 and 208) prior to 1975. Building 580 was constructed in 1988.	The parcel is currently not in use.
TI Core Transfer Parcel	T080	Approximately 95 percent of the parcel is open space.	Historically, four buildings occupied the parcel and were demolished prior to 1975.	The parcel is currently not in use.
TI Core Transfer Parcel	T081	The entire parcel is open space surrounding Buildings 497 and 402, consisting of asphalt, concrete, and landscaping.	Historically, the parcel was occupied by four buildings (211-214) that were demolished prior to 1983. Since 1983, the parcel has been in its present configuration, made up of parking and landscaping.	The parcel is leased to TIDA.
TI Core Transfer Parcel	T082	The parcel has been entirely occupied by Building 497 since 1976.	Historically, the parcel was occupied by two buildings, which were demolished prior to 1976.	The parcel is leased to TIDA.
TI Core Transfer Parcel	T083	The parcel has been entirely occupied by Building 402 since 1961.	Historically, the parcel was occupied by four buildings, which were demolished prior to 1958.	The parcel is leased to TIDA.
TI Core Transfer Parcel	T084	Approximately 50 percent of the parcel is open space, consisting of asphalt used for vehicle parking and grounds for Building 201.	The open space of the parcel has been consistent since 1943. One other building occupied the parcel and was demolished prior to 1977.	The southern portion (approximately 20 percent) of Building 201 and its grounds are leased to TIDA. The remaining 80 percent of the parcel is currently not in use.
TI Core Transfer Parcel	T085	Approximately 65 percent of the parcel is open space, consisting of asphalt, concrete, trees, grass and dirt, and sand. The open space is used primarily for vehicle parking, a playground, and building grounds.	Historically, the parcel has been occupied by Building 202 since 1943, which was expanded prior to 1958. Since 1958, vehicle parking areas have been present on the parcel.	The parcel is currently not in use.

TABLE 4-3: SUMMARY OF TRANSFER PARCEL OPEN SPACE PAST AND CURRENT USE (Continued)

Final, Supplemental Environmental Baseline Survey, Naval Station Treasure Island

Transfer Parcel	EBS Parcel	Description	Past Use*	Current Use
TI Core Transfer Parcel	T086	The parcel is entirely open space, consisting of asphalt-covered parking areas and a grass covered field.	Historically, the parcel was occupied by four buildings (203-206) that were demolished prior to 1977. The parcel has been vacant since 1977.	The parcel is leased to TIDA.
TI Core Transfer Parcel	T087	The parcel is entirely open space, consisting of asphalt-covered parking areas and a grass covered field.	Historically, the parcel was occupied by Building 196 that was demolished prior to 1971. The parcel has been vacant since 1971.	The parcel is currently not in use.
TI Core Transfer Parcel	T088	The entire parcel is a vacant lot covered with grass, soil, asphalt, and some concrete pads.	Historically, the parcel contained a building and two guard towers which were demolished prior to 1977. From October 1993 to March 1994, the parcel was used as a laydown area for asbestos abatement being conducted at the former brig on Parcel T090.	The parcel is currently not in use.
TI Core Transfer Parcel	T089	The entire parcel is an asphalt-covered parking area.	Historically, the parcel has been vacant. Two buildings were located on the parcel and demolished prior to 1977.	The parcel is currently not in use.
TI Core Transfer Parcel	T090	The entire parcel is vacant open space.	Historically, two buildings occupied 60 percent of the parcel and were demolished prior to 1997.	The parcel is currently not in use.
TI Core Transfer Parcel	T091	Approximately 98 percent of the parcel is open space.	Historically, the parcel has been occupied by five buildings (197-200 and 424) which have been demolished and one auxiliary boiler plant (540).	The parcel is currently leased to TIDA.
TI Core Transfer Parcel	T092	Approximately 40 percent of the parcel is open space.	The parcel has been in its present configuration since 1947.	Approximately 10 percent of the parcel is leased to TIDA. The remaining 90 percent is not in use.
TI Core Transfer Parcel	T093	The entire parcel is open space consisting of a vehicle parking lot.	The parcel has historically been open space. Two small buildings occupied the parcel and were demolished prior to 1961.	The parcel is currently leased to TIDA.
TI Core Transfer Parcel	T106	Approximately 60 percent of the parcel is open space consisting of vehicle parking areas.	The parcel has been in its present configuration since 1944.	The parcel is occupied by SFPUC.
TI Core Transfer Parcel	T120	Approximately 80 percent of the parcel is open space.	Before it was used as a fire training school, the parcel was used primarily as a baseball field.	The parcel is occupied by SFFD.

TABLE 4-3: SUMMARY OF TRANSFER PARCEL OPEN SPACE PAST AND CURRENT USE (Continued)

Final, Supplemental Environmental Baseline Survey, Naval Station Treasure Island

Transfer Parcel	EBS Parcel	Description	Past Use*	Current Use
YBI Transfer Parcel	YB001	The entire parcel is wooded open space and roadways.	The parcel has historically been occupied by Treasure Island Road and slopes covered with vegetation.	The current use of the parcel is consistent with past use.
YBI Transfer Parcel	YB002	The parcel is entirely open space, consisting of a sandy beach, bare soil, and mixed vegetation.	Historically, the parcel was occupied by an aboveground storage tank (AST) farm (Building 182). Ten ASTs were dismantled in the 1960s. By 1958, the parcel was vacant and covered with vegetation.	The parcel was most recently used as the Clipper Cove Recreation Area.
YBI Transfer Parcel	YB003	Approximately 98 percent of the parcel is densely vegetated open space.	According to historical information, the north slope of the parcel was formerly used as a pistol range and a small arms target range. Three small buildings were located on the southeast portion of the parcel until they were demolished prior to the 1940s. From 1947 until current, the parcel was covered in dense vegetation.	A small storage shed, Buidling 253, on the parcel is leased by TIDA, the rest of the parcel's use is consistent with past used.
YBI Transfer Parcel	YB004	Approximately 60 percent of the parcel is open space, consisting of asphalt thoroughfares, concrete walkways, and vegetated and landscaped areas.	Historically, the open space areas were occupied by 14 buildings that were demolished prior to 1961. An oil reservoir was constructed in YB004 on the north side of Forest Road.	Approximately 25 percent of the open space has been leased to TIDA and consists of thoroughfares, walkways, and landscaped areas associated with TI housing. The remaining 75 percent is not in use.
YBI Transfer Parcel	YB005	Building 225 occupies 100 percent of the parcel.	Building 225 has been present on YBI since approximately 1945.	The parcel is occupied by SFPUC.
YBI Transfer Parcel	YB006	Building 261 occupies 100 percent of the parcel.	Building 261 has occupied the parcel since prior to 1950.	The parcel is occupied by SFPUC.
YBI Transfer Parcel	YB007	The entire parcel is open space, consisting of concrete, sand, and landscaping.	Historically, the parcel was occupied by three buildings that were demolished prior to 1984.	The parcel is currently not in use.
YBI Transfer Parcel	YB008	Approximately 60 percent of the parcel consists of asphalt-paved vehicle parking areas.	The parcel has been used for vehicle parking since at least 1950.	The parcel is occupied by SFPUC.
YBI Transfer Parcel	YB009	Approximately 25 percent of the parcel is open space surrounding Building 255 and consists of gravel and grass.	Building 255 has been present on the parcel since at least 1945.	The parcel is currently not in use.

TABLE 4-3: SUMMARY OF TRANSFER PARCEL OPEN SPACE PAST AND CURRENT USE (Continued)

Final, Supplemental Environmental Baseline Survey, Naval Station Treasure Island

Transfer Parcel	EBS Parcel	Description	Past Use*	Current Use
YBI Transfer Parcel	YB011	Approximately 90 percent of the parcel is open space, consisting of asphalt thoroughfares, concrete walkways, and vegetated and landscaped areas.	The parcel has historically been used as vegetated open space, thoroughfares, and walkways associated with Building 66.	Building 66 and its associated grounds are leased to TIDA. The remainder of the parcel is not in use.
YBI Transfer Parcel	YB012	Building 274 occupies 100 percent of the parcel.	Building 274 has occupied the parcel since 1930.	Building 274 was not found.
YBI Transfer Parcel	YB013	Approximately 10 percent of the parcel is open space, consisting of landscaping around Building 62.	The parcel has been occupied by Building 62 since at least 1935.	The parcel is currently not in use.
YBI Transfer Parcel	YB014	Approximately 30 percent of the parcel is open space, consisting of asphalt thoroughfares.	Based on historical information, three additional buildings (aside from the current three) occupied the parcel before being demolished prior to 1961.	Approximately 55 percent of the parcel is not in use; the remaining 45 percent has been transferred to the USCG. Portions of the parcel are occupied by SFPUC.
YBI Transfer Parcel	YB015	Building 118 occupies 100 percent of the parcel.	Building 118 has occupied the parcel since at least 1945.	Building 118 is active.
YBI Transfer Parcel	YB016	Approximately 75 percent of the parcel is open space, consisting of asphalt thoroughfares and vegetated/landscaped areas.	Historically, the parcel was occupied by 14 buildings that were demolished prior to 1971.	Approximately 10 percent of the parcel is part of the FHWA Fee Parcel (operated by Caltrans). The remainder of the parcel is not in use.
YBI Transfer Parcel	YB017	Approximately 85 percent of the parcel is open space, consisting of asphalt thoroughfares and vegetated and landscaped areas.	Historically, seven buildings and one structure occupied the parcel. The buildings and structures were demolished prior to 1991.	Approximately 90 percent of the parcel is part of the FHWA Fee Parcel (operated by Caltrans). The remaining 10 percent is not in use.
YBI Transfer Parcel	YB018	Approximately 75 percent of the parcel is open space, consisting of asphalt thoroughfares and landscaped and vegetated areas.	Historically, the parcel has been used for residential housing and vehicular traffic.	Approximately 80 percent of the parcel has been transferred to the USCG. The remaining 20 percent is not in use.

TABLE 4-3: SUMMARY OF TRANSFER PARCEL OPEN SPACE PAST AND CURRENT USE (Continued)

Final, Supplemental Environmental Baseline Survey, Naval Station Treasure Island

Transfer Parcel	EBS Parcel	Description	Past Use*	Current Use
YBI Transfer Parcel	YB019	Approximately 60 percent of the parcel is open space, consisting of asphalt thoroughfares and vehicle parking, concrete walkways, and vegetated and landscaped areas.	Historically, five buildings (in addition to the 14 currently located on the parcel) were present on the parcel before they were demolished prior to 1961.	Approximately 20 percent of the parcel is leased to TIDA and 20 percent is currently part of the FHWA Upland Parcel. The remainder of the parcel is not in use.
YBI Transfer Parcel	YB020	Approximately 95 percent of the parcel is densely vegetated open space.	Historically, 13 buildings and two structures were located on the parcel. The buildings and structures were demolished or removed prior to 1971. The north slope of the parcel was formerly used as a pistol range and small arms target range.	The parcel is currently not in use.
YBI Transfer Parcel	YB021	100 percent of the parcel is open space, consisting of landscaped areas, asphalt thoroughfares, and a concrete foundation.	Historically, the parcel has been occupied by tennis courts and a building. The tennis courts and building have been demolished since at least 1991.	A portion of the parcel is currently leased to TIDA.
YBI Transfer Parcel	YB022	100 percent of the parcel is open space, consisting of grassy areas.	The parcel was historically occupied by a complex of buildings from 1904 until approximately 1960.	The parcel is currently not in use.
YBI Transfer Parcel	YB023	100 percent of the parcel is open space.	Before it was demolished, Building 213 occupied 100 percent of the parcel.	Approximately 90 percent of the parcel is currently part of the FHWA Fee Parcel (operated by Caltrans).
YBI Transfer Parcel	YB024	100 percent of the parcel is open space, consisting of dirt, vegetation, asphalt, concrete foundations, and supports for the Bay Bridge.	Historically, 11 buildings were formerly located on the parcel. The buildings were demolished prior to 1961.	Approximately 60 percent of the parcel is part of the FHWA Fee Parcel (operated by Caltrans).
YBI Transfer Parcel	YB026	Approximately 75 percent of the parcel is open space, consisting of dirt thoroughfares and vegetated/landscaped areas.	Historically, three buildings were present on the parcel before being demolished prior to 1961. Building 262 remains on the parcel.	TIDA leases Building 262 only. The remaining portion of the parcel is occupied by Caltrans.

TABLE 4-3: SUMMARY OF TRANSFER PARCEL OPEN SPACE PAST AND CURRENT USE (Continued)

Final, Supplemental Environmental Baseline Survey, Naval Station Treasure Island

Notes: For information regarding underground features, such as buried tanks and pipelines, refer to Sections 6.2.1 and 6.2.2 of the text and Tables 6-6 and 6-7.

* Demolished and unknown structures (see status column) do not appear on Figures 3-1 and 3-2 (Building Locations) because their locations could not be verified through historical reviews or visual surveys, including the Mare Island Naval Shipyard Base Realignment and Closure (MINS). 1995. "Historical Study of Yerba Buena Island, Treasure Island, and their Buildings." August 7.

EBS	Environmental baseline survey
Caltrans	California Department of Transportation
FHWA	Federal Highway Administration
NA	Not applicable
NAVSTA TI	Naval Station Treasure Island
TI	Treasure Island
TIDA	Treasure Island Development Authority
USCG	U.S. Coast Guard
YBI	Yerba Buena Island

5.0 ENVIRONMENTAL SETTING

This section overviews the regional and basewide environmental setting at NAVSTA TI. A more detailed discussion of the environmental setting at NAVSTA TI is provided in the 1995 EBS report (ERM-West 1995a) and the final EIS (SWDIV 2003).

5.1 PHYSICAL DESCRIPTION

This section summarizes the topography, regional geology, and regional hydrology at NAVSTA TI.

5.1.1 Topography

NAVSTA TI consists of two contiguous islands and surrounding submerged lands: the north island, TI, encompasses 402 acres; the south island, YBI, encompasses 150 acres. TI is a human-made island constructed of sediments dredged from San Francisco Bay; YBI is a natural island. TI is generally flat (0 to 2 percent slopes), with elevations ranging from 0 to 20 feet above mean sea level (msl). The highest elevation occurs near Building 1. YBI consists of flat and upland areas ranging from flat land to steep slopes (0 to 75 percent grade). Elevations on YBI range from 0 to 450 feet above msl.

5.1.2 Regional Geology

YBI is a naturally occurring island consisting of Franciscan Assemblage bedrock and younger unconsolidated colluvium and landslide debris. Some fill is present along the southeastern shore of YBI. The Franciscan Assemblage consists of interbedded sandstone and shale that unconformably underlies the landslide debris, fill, and colluvium of YBI. Although regionally the Franciscan Assemblage is a mélange of several sedimentary and metamorphic rock types, its structure and composition at YBI consists of shale and sandstone outcrops trending southeast to northwest and dipping northeast (Dames and Moore 1988).

TI was built on the Yerba Buena Shoals, a sand spit that extends from the northwestern point of YBI. Underlying the Yerba Buena Shoals is a soft Bay Mud deposit that overlies a former channel of Temescal Creek. The estimated depth of the former channel is 95 feet below msl. During an earlier geologic period, Temescal Creek was a major drainage for the East Bay hills (Lee 1969). The channel may indicate bedrock of the Franciscan Assemblage. Dredging and constructing TI began in 1936 and was completed in 1937. The sediments used for construction consisted primarily of sand with lesser amounts of silt, clay, and gravel. The island was developed to be the site for the 1939 through 1940 Golden Gate International Exposition.

5.1.3 Regional Hydrology

Water quality problems in San Francisco Bay result from past and present practices. One source of contamination has been waste disposal from urban areas. Discharge into the bay has declined in recent years but still occurs. Surface runoff also carries pollutants into surface drainage systems and eventually into San Francisco Bay. Other sources of pollution are accidental spills or deliberate discharges from ships.

TI and YBI are midway between San Francisco and Oakland, California, and are surrounded by the bay waters. No standing bodies of water, rivers, streams, or creeks are on TI or YBI. All surface water drains into the surrounding bay by means of natural drainage pathways or through the storm water sewer system. The surrounding bay waters serve as a potential migration pathway for contaminants released from NAVSTA TI.

5.2 BIOLOGICAL RESOURCES

This section summarizes the biological resources found basewide on NAVSTA TI and surrounding aquatic habitat within a half-mile radius. These resources include ecological conditions, threatened and endangered species, rare and sensitive habitat, wetlands, biota, and floodplains.

5.2.1 Ecological Conditions

TI provides an intensively developed, flat, urban, terrestrial habitat. The 402-acre, human-made island is composed of dredged and fill materials consisting predominantly of poorly graded sands. Two terrestrial habitat types make up TI: developed and non-native habitat (landscaped). Most of the surface area includes 900 Navy personnel housing units, 150 nonresidential structures used in support of Naval administration and training, and other developed areas, including fuel storage sites, warehouses, and paved parking lots (SWDIV 2003). There are approximately 275 acres of impervious surface on TI (110 acres residential structures, 70 nonresidential structures, and 95 parking and roads) (SWDIV 2003). Small portions of the grounds surrounding the structures have been maintained and landscaped with trees, shrubs, and lawns. Several grass sports fields are maintained for recreation. There are approximately 90 acres of recreational and open space land on TI (SWDIV 2003). No freshwater or wetland habitats are located on TI. The predominant aquatic habitat around TI is subtidal, with unconsolidated mud composed of silts and clays. Water depths around TI range from 7 to 33 feet with the exception of the southeastern tip, where depth increases to more than 66 feet. The shoreline of TI includes riprap, docks, and pier pilings (from piers removed along the eastern and southern shorelines) that provide a limited amount of intertidal habitat. Approximately 950 acres of open-water habitat lie within the half-mile radius of TI, predominantly off the western shoreline.

YBI is a natural island connected to TI by a causeway that also forms part of Clipper Cove (Figure 1-2). The 150-acre island includes developed residential housing, open space and utilities, a Coast Guard Station, and the Bay Bridge. There are 100 existing housing units on YBI that occupy 30 acres. Ten buildings on YBI were formerly or are currently being used for storage, communications, fire safety, and administration. The Bay Bridge and supporting

utilities occupy 10 acres of land. Non-navy uses include the USCG, which occupies 30 acres and land transferred to the FHWA (20 acres). The undeveloped areas on YBI contain a wide range of native and nonnative terrestrial habitats (SWDIV 2003). The native habitats include Coast Live Oak Woodland, Central Coast Riparian Scrub, Northern Coast Scrub, and Valley Wild Rye Grassland. The nonnative habitats include Eucalyptus, Nonnative Scrub/Shrublands, Ruderal, and landscaped. All habitat types listed follow the classifications defined by the Cowardin system. The surface soils of YBI, a natural rock island, are composed of sandy and gravelly loam ranging from 10 to 40 inches in depth (Dames and Moore 1988). YBI's elevation reaches about 450 feet above msl, with slopes ranging from 0 to 75 degrees. A rocky intertidal shoreline with mudflats exists on the western side of Clipper Cove between TI and YBI, closer to YBI. Three acres of intertidal mudflats are located along the southeastern edge of Clipper Cove. Eelgrass beds, common to sheltered areas of water, are located along the northern shore of YBI at Clipper Cove and on the eastern shore of YBI. A narrow band of tidal salt marsh is located on the eastern side of Clipper Cove on YBI (FHWA 2001).

5.2.2 Rare or Sensitive Habitat

Sensitive habitat are areas where plant or animal life or their habitats are rare and are considered by federal, state, or local agencies to be declining. The mudflats, which may contain eelgrass beds, are rare or sensitive habitat at NAVSTA TI, as discussed in the final EIS (SWDIV 2003). There are 1.8 total acres of eelgrass beds at two areas within Clipper Cove on the north side of YBI and two areas within the USCG Cove on the east side of YBI. Eelgrass is found in subtidal areas at depths less than 7 feet. The soft Bay Mud substrate provides habitat for many invertebrates, including worms, crustaceans, and mollusks. These invertebrates are preyed on by shorebird species such as western sandpipers (*Calidris mauri*), sanderling (*Calidris alba*), spotted sandpiper (*Actitis macalaria*), and killdeer (*Chadaradrius vociferous*), which forage extensively at low tide. Shorebirds eat a variety of invertebrate prey, usually obtained from the top few centimeters of the substrate or, less often, from the column of water overlying the substrate. Mudflat areas also provide fish spawning, rearing, and foraging for essential fish habitat. Copepods and amphipods are eaten by longfin smelt (*Spirinchus thaleichthys*) (National Oceanic and Atmospheric Administration [NOAA] 1991). Shorebirds foraging on the NAVSTA TI shoreline provide a prey base for the peregrine falcon (*Falco peregrinus*) and other raptors.

5.2.3 Biota

The following subsections present the available information on migratory birds, fisheries, marine mammals, California special status animals and plants, and plants and animals of public interest at NAVSTA TI. The exact actions necessary to comply with the Endangered Species Act (ESA) will be identified concurrently with the analysis of other environmental effects when the final ROD has been signed as required by NEPA.

5.2.3.1 Threatened and Endangered Species

Federal and California threatened and endangered species have been observed at or near NAVSTA TI (PRC 1993; U.S. Fish and Wildlife Service [USFWS] 1993). A preliminary evaluation of the potential effects of transfer and reuse of NAVSTA TI on endangered species

was conducted for the final EIS required by the National Environmental Policy Act (NEPA) (SWDIV 2003). Specific actions necessary to comply with the Endangered Species Act will be identified concurrently with the analysis of other environmental effects when the final record of decision (ROD) has been signed.

There are no federally listed threatened or endangered plant species on NAVSTA TI. The following species that are listed as threatened or endangered, or are candidates for listing, have been observed at or near NAVSTA TI:

Species	Common Name	Status Codes	Potential Occurrence Onsite
Oncorhynchus tshawytscha	Chinook salmon	SE, FE (winter run); FT (spring run); FC1 (fall run/late fall run)	Potentially may occur
Oncorhynchus mykiss	Steelhead trout	FT (Central California); FT (Central Valley)	Potentially may occur
Oncorhynchus kisutch	Coho salmon	SE	Potentially may occur
Falco peregrinus anatum	American peregrine falcon	SE	Confirmed
Pelecanus occidentalis californicus	California brown pelican	FE, SE	Confirmed
Rallus longirostris obsoletus	California clapper rail	FE, SE	Unlikely to occur
Sterna antillarum browni	California least tern	FE, SE	Unlikely to occur
Charadrius alexandrinus nivosus	Western snowy plover	FT	Unlikely to occur
Enhydra lutris nereis	Southern sea otter	FT	May occur in bay
Eumetopias jubatus	Stellar sea lion	FT	May occur rarely in bay

Notes:

FC1 Category 1: Candidate for listing by the USFWS. (Sufficient biological information is available to support a proposal to list taxa as endangered or threatened.)

FE Listed as endangered by the federal government

FT Listed as threatened by the federal government

SE Listed as endangered by the State of California

Source: National Marine Fisheries Service (NMFS) 2001b; California Department of Fish and Game 2001; USFWS 2001; FHWA 2001.

5.2.3.2 Critical Habitat

Critical habitats are areas considered essential to the conservation of listed endangered or threatened species, which protected under the ESA. Critical habitat has been designated for are two species, as assigned by the National Marine Fisheries Service (NMFS) (now known as NOAA) on the dates listed below:

- Sacramento River winter-run chinook salmon, June 16, 1993
- Stellar sea lion, March 23, 1999.

5.2.3.4 Migratory Birds

Since the San Francisco Estuary is a stopping point along the Pacific Flyway, it is a seasonal home for many migrating birds. Migratory birds observed at or near NAVSTA TI include black-crowned night heron, double-crested cormorant,(*Phalacrocorax auritus*), Brandt's cormorant (*Phalacrocorax pencillatus*), pelagic cormorant (*Phalacrocorax pelagicus*), western gull (*Larus occidentalis*), and black oystercatcher (*Haematopus bachmani*) (USFWS 1995). All these species are protected by the Migratory Bird Treaty Act.

5.2.3.5 Essential Fish Habitat

The Marine Sanctuaries Act (MSA) defines essential fish habitat (EFH) as the waters and substrate necessary to fish for spawning, breeding, feeding, or growth to maturity. Fishery management plans (FMP) are required to delineate EFH for all managed fish. A FMP is a plan to achieve specified management goals for a fishery and its managed species. The waters and substrate around NAVSTA TI is designated as EFH for fish managed under three FMPs: Pacific groundfish, coastal pelagics, and Pacific coast salmon (NMFS Southwest Region 2001a).

There are 83 species of groundfish that are managed under the West Coast groundfish FMP. (For a complete list, refer to Appendix G of the final environmental impact statement, 2003.) Several species are managed under the coastal pelagic FMP, including northern anchovy (*Engraulis mordax*), Pacific sardine (*Sardinops sagax*), Pacific (chub) mackerel (*Scomber japonicus*), jack mackerel (*Trachurus symmetricus*), and market squid (*Loligo opalescens*) (Coastal Pelagic Species Fish Management Plan 1998). The Pacific coast salmon FMP includes coho, chinook, and Puget Sound pink salmon (Pacific Fishery Management Council 1999).

5.2.3.6 Marine Mammals

Several marine mammals have been observed at or near NAVSTA TI. All of the species observed are protected under either the ESA or the Marine Mammal Protection Act. The species that have been observed or that may rarely pass through the area include the harbor seal, the California sea lion (*Zalophus californianus*), the gray whale (*Eschrichtius robustus*), the humpback whale (*Megaptera novaenengliae*), the minke whale (*Balaenoptera acuturostrata*), the stellar sea lion (*Eumetopias jubatus*), and the southern sea otter (*Enhydra lutris nereis*) (SWDIV 2003).

5.2.4 Floodplains

No areas at NAVSTA TI are considered floodplains.

5.3 CULTURAL RESOURCES

In compliance with Section 106 of the National Historic Preservation Act, the Navy and the California State Historic Preservation Officer (SHPO) executed a "Memorandum of Agreement Between the Department of the Navy and the California State Historic Preservation Officer For the Layaway, Caretaker Maintenance, Interim Leasing, Sale, Transfer, and Disposal of Historic Properties on the Former Naval Station, Treasure Island, San Francisco, California" (2003) (refer to Table 4-1 and Figure 4-1 for a list of Historic Buildings on NAVSTA TI). This memorandum of agreement (MOA) identifies the historic properties at the former NAVSTA TI and the responsibilities that the Navy must fulfill to satisfy its obligations under Section 106. Historic properties are defined in the MOA as the archaeological and historic resources that are listed on, determined eligible for, or that may be eligible for listing on the National Register of Historic Places.

The Navy also completed a final EIS, as required by NEPA, to analyze potentially significant environmental impacts to cultural resources, including historic properties (SWDIV 2003).

The MOA identifies the following historic properties at the former NAVSTA TI:

1. The Senior Officers' Quarters Historic District:
    a. Quarters 1
    b. Quarters 2
    c. Quarters 3
    d. Quarters 4
    e. Quarters 5
    f. Quarters 6
    g. Quarters 7
    h. Building 83
    i. Building 205
    j. Building 230
    k. Associated landscape elements
2. Quarters 10
3. Quarters 267
4. Building 262
5. Building 1
6. Building 2
7. Building 3 (including Building 111, a structural element of Building 3)

Pursuant to the MOA, an archaeological report was prepared and consulted upon with the SHPO to further identify and evaluate the potential for National Register-eligible archaeology at the former Naval Station Treasure Island. The work performed for the "Final Archaeological Test Excavations at Yerba Buena Island, Naval Station Treasure Island, San Francisco, California" (Science Applications International Corporation [SAIC], PAR Environmental Services, Inc. and Far Western Anthropological Research Group, Inc. 2004) indicated that there is no National Register-eligible prehistoric or historic archaeology in the four zones of archaeological sensitivity identified in the MOA. The SHPO concurred with these findings in correspondence dated August 20, 2003, and February 6, 2004.

6.0 ENVIRONMENTAL FINDINGS ON NON-TRANSFERABLE PROPERTY

This section provides a general overview and status summary of the ongoing IR and compliance programs at the non-transferable property on NAVSTA TI. Section 7.3 discusses the environmental findings on transfer property.

The IR Program (Section 6.1) encompasses both the CERCLA Program (Section 6.1.1) and the Petroleum Program (Section 6.1.2). Section 6.2 presents the status of the environmental compliance programs, including USTs, fuel lines, aboveground storage tanks (AST), oil-water separators (OWS), waste management, munitions and explosives of concern (MEC), pesticides, PCBs, asbestos, radiological activities, and LBP. Section 6.3 discusses issues that require notification to recipients of the property.

The regulatory or physical status for each environmental issue was evaluated as part of this SEBS. Categories of issues were associated with ECP area types that subsequently were assigned to parcels (see Section 8.0). The ECP area type for each EBS parcel is based on the highest ECP area type listed for an environmental issue in the parcel.

6.1 INSTALLATION RESTORATION PROGRAM

This section discusses the status of CERCLA and Petroleum Program sites on non-transferable property. Table 6-1 lists the IR Program sites on NAVSTA TI, and Table 6-2 provides the status of the CERCLA sites.

6.1.1 CERCLA Program Status

The Federal Facility Site Remediation Agreement (FFSRA) agreement was signed in 1992 by the Navy, DTSC, and San Francisco Bay Regional Water Quality Control Board (Water Board) and identified 26 IR sites on NAVSTA TI (DTSC 1992). The Navy manages CERCLA and other hazardous waste sites through the Navy's IR Program. Early CERCLA-related activities (Dames and Moore 1988) included investigating all IR sites identified by the preliminary assessment/site investigation (PA/SI) for further investigation except for Sites 02, 18, and 23, which had been removed from consideration, and Site 26, which is composed of all USTs at NAVSTA TI (see the description of the compliance program for USTs in Section 6.2.1). Subsequently, three new IR sites (27, 28, and 29) were investigated (PRC 1996a, 1996b). Site 30 was identified as a site in 2002. In 2003, Sites 31, 32, and 33 were added; in 2004, Site 06 was returned to the CERCLA program from the petroleum program (Tetra Tech 2004d). Currently, the Navy manages a total of 33 IR program sites on NAVSTA-TI.

Table 6-2 provides the description, status, and estimated closeout date for each CERCLA site. Table 6-3 lists the EBS parcels affected by each CERCLA site. The locations of the CERCLA sites are shown on Figure 6-1.

Based on the results of the Draft Final Onshore RI Report (PRC 1997b), the Final PA/SI (Dames and Moore 1988), the Draft Supplemental Site Inspection Report IR Site 01 Former Medical

Clinic (Tetra Tech EMI 2001b), and the 1995 Basewide EBS Report for TI (ERM West 1995a) Sites 01 and was recommended for NFA. The results of the draft RI (PRC 1997b), a supplemental site investigation (Tetra Tech 2001a), the PA/SI (Dames and Moore 1988) and the 1995 EBS (ERM-West 1995), Site 03 was recommended for NFA. Both sites were closed on March 20, 2002 (DTSC 2002a, 2002b).

Site 06 was found to qualify for CERCLA's petroleum exclusion based on the results of field investigations that showed contaminants at the sites are limited to petroleum products (DTSC 1997) (see Section 6.1.2). In addition to the petroleum corrective action, dioxin-bearing shallow soils were excavated in October 2002 in two areas near former USTs. The dioxins detected in soil were investigated under the CERCLA program as part of the EBS data gaps investigation in 2003. A separate CERCLA boundary for Site 06 based on detections of dioxin in Parcel T112 was extended to the shoreline based on the reported dioxin detections in parcel T112 to the east and above the wastewater treatment plant (WWTP) area. The change was proposed during the EBS data gaps investigation. The boundary change, which has expanded the site to include EBS Parcels T109 and T111, is effective for CERCLA constituents only. An RI report under the CERCLA program is being prepared.

A supplemental site inspection (SI) report was submitted for Site 07, the pesticide storage area, that recommended NFA on August 30, 2002. DTSC requested a letter from the Navy summarizing the data gaps sampling at adjacent EBS Parcel T111, designated as Site 32 in 2004 supporting the NFA recommendation (BCT 2005b). Because of its close proximity to Site 07, the PCB-containing fluid released from an electrical transformer near Building 463 could affect Site 07. This building is located in EBS Parcel 111.

A single final RI report was prepared for both Sites 09 and 10 and was submitted to the regulatory agencies in March 2005. Site 09 is the former foundry, where contaminants of concern include solvents, lead, and petroleum products. Site 10 is the former Bus Painting Shop that includes Building 335, where contaminants of concern include pesticides and semivolatile organic compounds (SVOC). In August 2004, a Navy contractor encountered a 2-inch thick layer of heavy (very viscous) petroleum and dioxins in the surface soil along the eastern side of the boundary for Site 10 and near the rip-rapped shoreline. The nuisance soil was excavated to a depth of 1 foot below grade under petroleum "nuisance" criteria and was sampled for analysis of dioxins, total petroleum hydrocarbons (TPH), VOCs, and polycyclic aromatic hydrocarbons (PAH). Nuisance soil is defined as either odorous or visibly contaminated soil present from 0 to 2 feet below ground surface (bgs) in unpaved areas. Sampling confirmed that the petroleum layer had been completed removed. The Navy requested NFA concurrence from the Water Board for the petroleum layer only (Navy 2004b). In addition, during a petroleum excavation in Petroleum Program Site 14/22, burned material was observed in shallow soil to the eastern boundary of Site 10, adjacent to the rip rap (BCT 2004). The Navy proposed an "additional investigation" of the burned material and field work is tentatively scheduled for late summer 2005. The results of the investigation will be documented in the ROD for Sites 09 and 10, but not in the final RI for Sites 09 and 10.

An RI and risk assessment work plan scoping are under way for Site 12, the Old Bunker Area, to be followed by the RI report. Soil removal actions have been conducted at Site 12 to remove hazardous materials. Contaminants of concern include PCBs, PAHs, dioxins, arsenic, lead, and

debris derived from the incinerator, the former disposal areas, and the former storage yard. Elevated concentrations of ambient arsenic believed to be associated with petroleum releases have also been detected in the groundwater in areas of Site 12.

IR Site 18, Asbestos Covered Piping, and IR Site 23, YBI Line Break, were removed from consideration for further action after they were initially identified during the PA/SI (Dames and Moore 1988). It was reported that early in the 1980s, a landslide on YBI exposed abandoned steam piping insulated with asbestos. The precise location of the pipeline is not known; however it was not believed to be located within the SEBS footprint and, therefore, is not listed on Table 6-3. However, no information was found to confirm this report. Any asbestos is currently buried with the lines and the possibility that the lines will be damaged or exposed during routine maintenance is low, given the nature of operations at YBI; therefore Site 18 was not recommended for further action (Dames and Moore 1988). A landslide on YBI in 1980s also reportedly ruptured a pipeline that transported black oil from fueling piers 3 and 4 uphill to storage tank 117. As a result of the steep topography and the mechanism of landslide movement, the aerial distribution of product is presumed high—and the concentration of released product low. Therefore, Site 23 was not recommended for further action (Dames and Moore 1988). Based on the findings and recommendations of the PA/SI, Sites 18 and 23 are not expected to pose a threat to soil or groundwater on the transfer parcel.

Site 21, the Vessel Waste Oil Recovery Area, originally consisted of a 400-foot-long by 75-foot-wide area along the shoreline. The boundary of the site has been expanded to include the open space between Building 3 and the shoreline. Contamination in groundwater at Site 21 is believed to have resulted from small leakage or spills of tetrachloroethene (PCE) and trichloroethene (TCE) during former parts cleaning operations. A pilot study to evaluate cleanup alternatives is planned for Site 21. A draft RI report was submitted to the regulatory agencies in January 2005 for Site 21.

An expanded treatability study is being prepared for Site 24, the dry cleaning facility (Building 99), to be followed by the RI report. In 2001, Sites 05 and 17 were closed and merged with Site 24 (DTSC 2001). Fuel leaks from former fuel lines D2 and F2, which traverse Site 24, are being addressed under the petroleum program. Contaminants of concern at the site include petroleum, oil, lubricants, and chlorinated solvents. The Navy has proposed changes to the boundary of Site 24, which are currently pending agency approval. The RI report is being prepared for Site 24.

An RI report is being prepared for IR Sites 08, 28, and 29, all located on YBI. According to planning documents for the San Francisco-Oakland Bay Bridge project, a temporary span and supporting towers pass over Site 8. Current construction activities related to the support towers have considerably altered the pre-construction surface of Site 8, and large portions of surface soils at the site have been removed during construction. Caltrans is collecting data in the areas of these sites during pre-excavation and post-excavation related to bridge construction.

Additional investigation has been completed for Site 11, the YBI Landfill, to delineate the landfill boundary and the surface soil and to characterize shoreline sediments. Preparation of the FS report for Site 11 is currently on hold pending Caltrans construction on the San Francisco-Oakland Bay Bridge.

Separate RI reports are being prepared for new Sites 30, 31, 32, and 33. Soil contaminated with dioxins and lead was investigated at Site 30, the Daycare center. The Navy performed a time-critical removal action in 2003 to remove accessible soil and installed a 6-inch concrete cap adjacent to the Daycare center to cover the 1,400-square-foot area over and between the locations with elevated concentrations of dioxins in subsurface soil (Shaw 2003b).

Site 31, located north of Site 30, is a former storage yard. An initial investigation identified elevated concentrations of lead, copper, PCBs, and dichlorodiphenyltrichloroethane (DDT) above screening levels in soil and below screening levels in groundwater. The asphalt currently serves as a protective barrier from contaminated soil. Additional soil investigations identified concentrations of TPH, diesel, motor oil, PAH, and dioxins at the site (Shaw 2004a). An RI is currently being prepared for Site 31

Site 32 is a former training and storage area located in EBS Parcel T111. Initial investigations were conducted in April 2003, with additional investigations in September and November 2003. Initial groundwater and soil samples reported PCBs, TPH as diesel and motor oil, dioxins, and pesticides. Metals were detected at concentrations greater than the site screening criteria (SSC) in groundwater from samples collected in Site 32 as part of the Final Data Gaps Investigation (Shaw 2005b). An RI is currently being prepared for Site 32.

Site 33 is a former water line replacement area located in EBS Parcels T014, T019, T020, T056, T057, and T058 (Navy 2004a). During historical repairs to the base's water lines, debris was discovered within portions of the water line replacement trenches. The initial investigations were conducted in 2003. Soil samples reported dioxins and metals. In addition, Site 33 was investigated as part of the EBS data gaps investigation, where trenching and step-out sampling were performed. An area along Avenue I and 4th street was delineated by the EBS data gap investigation. In November 2004, the Navy advanced three trenches in the southwestern area to confirm that it had not been used for widespread disposal of debris. Dioxins and metals were detected at concentrations above the SSC (Shaw 2005b) during all three phases of step-out sampling at EBS Parcels T014 and T056. The Navy will collect further groundwater samples for analysis of dioxins and metals in EBS Parcels T014 and T056. The contaminants of concern at the site (dioxin and lead) are not anticipated to have been contaminated the groundwater at Site 33. If the groundwater were found to contain contamination, the flow direction of groundwater in the area of Site 33 and the overall TI groundwater flow would be expected to be toward the bay; therefore, parcels T056 and T014 would be downgradient of Site 33. The RI is currently being prepared for Site 33. Based on evidence presented at BCT meetings and additional trenching that was conducted, it was concluded that the basewide water line replacement was not a contributing factor in the debris area and so was not included in Site 33. The BCT agreed that the boundary for Site 33 provided a sufficient protective buffer between known areas of contamination and the transfer areas.

Offshore sediments around NAVSTA TI—including Site 13, the storm water outfalls and offshore sediments, and Site 27 (the Clipper Cove Skeet Range)—were investigated. A final no action ROD was signed for Site 13 on April 7, 2005 (Navy 2005b). A draft feasibility study (FS) for Site 27 was submitted to the agencies on December 10, 2004. After consultation with the BCT, the Navy will select a remedy deemed appropriate based on the FS for Site 27. In 2004, a land portion of EBS Parcel T006 was carved out of the FOST footprint with approval from the BCT and was added to Site 27 after PAHs from skeet were detected in the soil (see Figures 6-1 and 6-2). The EBS data gaps investigation collected onshore samples at T006. Five step-out trenches were dug at 5-foot intervals away from the original location of Causeway pipeline sample PCW-031 (Shaw 2004c). The results of the sampling showed elevated PAHs above the field screening level of 0.62 milligrams per kilogram (mg/kg) at two of the seven sampling locations. Samples for additional step-out trenches from these two locations did not detect elevated PAHs (Shaw 2004c). PAHs were detected at 79.4 mg/kg at 3 feet bgs directly beneath the original location of PCW-031; however, PAHs detected in the 4-foot bgs sample were below the field screening level (Shaw 2004c). All elevated concentrations were removed through the step-out trenching process of delineating the PAH contamination. All seven samples contained detectable levels of lead but below EPA's residential PRG of 400 mg/kg. Based on the onshore investigation, it was determined that PAH does not pose a risk to human health (Shaw 2004c).

The EBS data gaps investigation for CERCLA sites was submitted to the DTSC. DTSC concurred with the conclusions as presented in the report (DTSC 2005a).

The remaining IR sites—04, 06, 14, 15, 16, 19, 20, 22, 25, and 26—involved USTs, fuel lines, or ASTs. They were found to qualify for CERCLA's petroleum exclusion (DTSC 1997) based on the results of field investigations that showed contaminants at the sites are limited to petroleum products (see Section 6.1.2).

6.1.2 Petroleum Program Status

IR sites 04, 06, 14, 15, 16, 19, 20, 22, 25, and 26 involve fuel lines, ASTs, and USTs managed under the petroleum program (Figure 6-2). Because of their proximity, Sites 04 and 19 are generally grouped as Site 04/19, and Sites 14 and 22 are grouped as Site 14/22. The following summarizes the status of Petroleum sites 04/19, 14/22, 15, 16, 20, and 25:

- Site 04/19 received regulatory closure from the Water Board on December 13, 2003 (Water Board 2003f).
- A final closure report for Site 06 is scheduled for September 12, 2005.
- A final closure report for Site 14/22 was submitted June 13, 2005.
- Site 15 received regulatory closure from the Water Board in a letter in September 2004 (Water Board 2004j).
- Site 16 received NFA concurrence from the Water Board in a letter on June 17, 2004 (Water Board 2004e).

- Site 20 received NFA concurrence from the Water Board in a letter on June 17, 2004 (Water Board 2004f).

- The final closure report for Site 25 is scheduled for September 13, 2005.

The extent of contamination and the possible remediation technologies for Sites 06, 14/22, 15, and 25 were evaluated in the corrective action plan (CAP) (Tetra Tech 2002). Site 26 contains USTs and is managed under the UST compliance program (see Section 6.2.1).

As part of the EBS data gaps investigation, the Navy sampled for analysis of PCBs and PAHs within the boundary of Petroleum Program Site 04/19 (Shaw 2005). The area included EBS Parcels T066 and T117, which have been historically used as an IDW storage area. Initial detections of PAHs resulted in a request for further investigation by the DTSC. On further investigation, however, PAHs did not exceed the SSC. The data were presented at several BCT meetings. The Navy recommended no further investigation at the sample locations (Shaw 2005). DTSC concurred with the conclusions as presented in the report (DTSC 2005a).

At Site 06, the petroleum program is currently drafting a closure report to include the additional investigations to evaluate volatile organic compounds (VOCs) in soil, soil gas, and groundwater near former USTs 240A and 240B. Groundwater monitoring was completed in October 2004 (Shaw 2005a).

The Navy discovered an area of burned material in the northern boundary of Petroleum Program Site14/22 during a petroleum excavation (BCT 2004). The Navy dug trenches in the area and collected samples and step-out samples for analysis of dioxin to delineate the extent. Burned material was discovered outside of the 14/22 excavation, near the southern boundary of Site 10. Therefore, the area was expanded in the direction of Site 10, where burned material was observed in shallow soil at the eastern boundary of the site, adjacent to the rip rap. Additional sampling is planned along the western site boundary, although no dioxin detections are anticipated. If dioxin contamination is detected, the Navy will address it prior to transfer. Petroleum-related compliance activities have led to the investigation of additional petroleum sites associated with pipelines and USTs. The extent of contamination and the possible remediation technologies for these pipeline sites and associated USTs were evaluated in a separate CAP report (Tetra Tech 2003c).

Table 6-4 provides the status of all petroleum sites, including a site description and estimated closeout date. Table 6-5 lists the EBS parcels affected by each petroleum site. The locations of the petroleum sites on TI and YBI are shown on Figure 6-2.

6.2 COMPLIANCE PROGRAM STATUS AND STRATEGY

Compliance activities at NAVSTA TI are being conducted in coordination with environmental restoration under CERCLA or the petroleum program. Compliance activities include USTs, fuel lines, ASTs, OWSs, waste management, MEC, pesticides, PCBs, asbestos, radiological activities, and LBP. The status of compliance programs at NAVSTA TI is presented in this section.

6.2.1 Underground Storage Tanks

USTs have been used at NAVSTA TI to store fuels and oils for package heaters or boilers at individual buildings, backup power generators, gas stations, firefighter training, and aviation fuel. The tanks were filled either by underground pipeline or by tanker truck. In addition, a number of USTs were used to store waste oil (Dames and Moore 1988). Most of the USTs were installed in the 1940s. The USTs were taken out of service over time as specific building uses changed. Many of the USTs were out of service by the 1980s. All USTs on Navy property have been removed from service. The only active USTs on TI and YBI are operated by the USCG at its facility on YBI (Tetra Tech 2003a).

The Navy began investigating known and suspected USTs in the early 1980s as a result of California's UST operating regulations. The Water Board and CCSF participate in oversight of UST removals at NAVSTA TI. As USTs are closed and corrective actions completed, closure reports are prepared for the former USTs and submitted for review and concurrence by the Water Board. A final summary report on the status of all known and suspected USTs facility wide at NAVSTA TI was submitted to the agencies on October 1, 2003 (Tetra Tech 2003a) and updated August 25, 2004 (Shaw 2004g).

USTs that partially contributed to the establishment of petroleum sites (see Section 6.1.2) are included in the site descriptions in Table 6-4.

Table 6-6 presents an inventory of: all USTs identified (including any that contributed to the establishment of petroleum sites), with their known capacities and substances stored; the UST removals and closures to date; whether evidence of a release was observed; the current regulatory closure status; and whether further investigation is recommended. Locations of the USTs on TI and YBI are shown on Figure 6-2.

6.2.2 Fuel Lines

Fuel pipelines once traversed NAVSTA TI. Six main fuel lines were installed on TI as early as the 1940s and transported gasoline, diesel, bunker C fuel, and other petroleum products. Figure 6-2 shows the fuel pipeline sites. Reports indicate that some fuel lines were inactive as early as 1945. The remaining fuel lines were reportedly removed from service in 1989. Three major fuel lines were installed in 1944 to carry fuel oil from storage tanks to steam boilers on YBI and have been inactive since 1980. A majority of the pipeline system has been removed or abandoned in place. Portions of the pipeline system where additional corrective actions are expected include the 3rd Street site (at Avenue N), 5th Street site (between Avenue H and Avenue N), USCG site (includes USTs 204A, 204B, and 270), and YF2 and YF3.

A letter from the Water Board dated February 10, 2004, concurred with the Navy's recommendation for NFA at petroleum pipeline sites D1A, D1C, D2A, D2B, D4A, D4B, D5, YF1, and USTs 26, 29, and 15 (Water Board 2004a). Letters dated June 17, 2004, March 11, 2003, and July 9, 2003, from the Water Board concurred with the Navy's recommendation for NFA at Sites YF2, the Causeway Pipeline, and the Building 530 Pipeline. Specific locations at Pipeline Sites Causeway Pipeline D1A, F2A, and YF1 underwent further investigation for PAHs

at the request of DTSC as part of the EBS data gaps investigation (Shaw 2005). All results from the investigations were below the screening criteria, and the Navy requested NFA for PAHs the four sites. The BCT recommended that the Causeway Pipeline location be included in CERCLA Site 27. After reviewing the Navy's request for NFA at Site D1B, however, the Water Board requested additional sampling. The Navy submitted closure reports requesting NFA for Sites F2A and F2B.

It is anticipated that all remaining pipeline sites will be closed in 2005 except for the YF3 and USCG sites, which will require additional investigation pending Caltrans activities. Any releases associated with these fuel pipelines are investigated under the petroleum program (see Section 6.1.2) and described in Table 6-4. Table 6-7 lists the EBS parcels currently or formerly containing fuel lines with each line's status and approximate total length. Locations of the fuel lines and USTs on TI and YBI are shown on Figure 6-2.

6.2.3 Aboveground Storage Tanks

ASTs have been used at NAVSTA TI to store fuels and oils for package heaters or boilers at individual buildings, backup power generators, gas stations, and firefighting training. They have also been used to store aviation fuel and boiler additives such as activated carbon filters, caustics, and acids. In addition, tanks on YBI were used to collect and store water. The tanks were filled either by underground pipeline or by tanker truck. Moreover, a number of ASTs were used to store waste oil (Dames and Moore 1988). Installation dates of the ASTs are mostly unknown. The ASTs were taken out of service over time as specific building uses changed. Many of the ASTs were out of service by the 1990s, when the base closed. The Navy maintained a spill prevention control and countermeasure plan for NAVSTA TI. The Navy followed closeout procedures to empty and clean inactive ASTs and associated pipelines. ASTs were inspected for spills and stains as part of the 1995 EBS. Any release associated with an AST that requires investigation, as determined in consultation with the BCT, is included under the IR Program (see Section 6.1) as a CERCLA or petroleum site. The Water Board has not promulgated any official closure requirements for ASTs if there is no record of spills, stains, leaks, or releases. Inactive tanks were cleaned by triple rinsing (with the exception of water tanks) labeled as empty and inspected by the City and County of San Francisco Hazardous Materials Unified Program Agency (HMUPA). Documentation of cleaning and HMUPA inspections is indicated in Table 6-8. These ASTs are considered closed. If a release occurred and the AST was associated with a pipeline or petroleum site, the ASTs would be considered closed under the site closure documents. Spills and stains identified in the 1995 EBS, including those associated with ASTs, are included in Table 6-9. ASTs with known locations are shown on Figure 6-2. Figure 6-3 shows any spills or stains with outstanding issues that are not already associated with a CERCLA or petroleum site and that may require further action prior to property transfer.

6.2.4 Oil-Water Separators

Two former Navy owned OWSs, associated with former USTs 248C and 248D, were located underground at the former fire training school, petroleum program Site 06. The OWSs associated with USTs 248C and 248D have been removed (Shaw 2004b). An aboveground

bilgewater OWS system at the vessel waste oil recovery area, Site 21, was removed in 1995. Oil-water separation was conducted offshore in floating "donuts." The separated oil was then stored in ASTs 12A, 12B, 12C, 12D, and 12E. Two additional potential OWSs—T005 and 41—were identified during the 1995 EBS but were never located (ERM-West 1995b; PRC 1997). Table 6-10 summarizes the OWSs at NAVSTA TI.

6.2.5 Munitions Response Program

The 1995 EBS conducted a fence-to-fence inspection, a comprehensive document review, and personnel interviews to establish the history of MEC use, storage, and disposal at TI. The EBS documented use and storage of MEC, but did not identify any MEC disposal (ERM-West 1995a). The former bunker area at the north end of the island was sampled for analysis of explosives residue (PRC 1996b). Explosive residues were not detected in soil or groundwater monitoring results for the Site 12 former bunker area; therefore, the BCT concluded that no further action was necessary. The former bunker area is part of IR Site 12, which has also undergone a number of trenching investigations related to non-MEC debris. No MEC materials have been reported during any of these investigations. Table 6-11 provides a summary of the MEC storage and use areas.

6.2.6 Pesticides

Developed and open space areas across NAVSTA TI are likely to have received routine pesticide application, in accordance with the "Navy Environmental and Natural Resources Program Manual" (Navy 2002). CERCLA exempts application of pesticide products registered under the Federal Insecticide, Fungicide, and Rodenticide Act from CERCLA. However, a spill or inappropriate disposal of pesticide would be covered by CERCLA. Locations where large quantities of pesticide were or potentially were mixed or stored are presented in Table 6-12. Figure 6-4 shows the locations of pesticide areas, except for Pesticide Sites 113 and 114, which are now characterized as CERCLA Sites 7 and 10, as shown on Figure 6-1.

6.2.7 Hazardous Materials/Waste Management

NAVSTA TI finalized its hazardous waste management plan in July 1992 (Radian 1992b). According to this plan, prior to base closure, the base generated about 4,500 kg of hazardous waste per month (based on 1991 records) and was classified as a fully regulated generator, subject to all laws and regulations governing the generation and handling of hazardous waste. Under the plan, waste solvents, cleaners, adhesives, and other hazardous wastes, as well as recyclable oil and antifreeze, were generated by various work centers at NAVSTA TI. Any hazardous wastes generated at NAVSTA TI were stored for less than 90 days before they were transported off site. Most 90-day hazardous waste accumulation was done at EBS parcel T117. All hazardous wastes stored were removed before base closure in 1997, with the exception of IDW. IDW continues to be temporarily stored at the IDW Yard on EBS parcels T066 and T117 (an area formerly designated as Petroleum Site 04/19). The results of the sampling were presented the "Final Field Activity Report Environmental Baseline Survey Data Gaps Investigation, Naval Station Treasure Island" (Shaw 2005).

Table 6-13 provides a list of hazardous waste storage or generation locations that are not associated with an IR site (see Section 6.1). Spills and stains identified in the 1995 EBS, 2002 SEBS, and 2004 SEBS site walks that did not contribute to creation of an IR site are included in Table 6-9.

6.2.8 Solid Waste Management

Subtitle D of RCRA regulates solid waste disposal facilities. The State of California regulates solid waste, including disposal and transfer facilities, under the California Integrated Waste Management Act (Public Resources Code, Division 30, Part 4). Solid waste facilities are permitted at the state level, while enforcement is delegated to local (county) enforcement agencies.

The solid waste management program for NAVSTA TI (Radian 1992a) describes practices at NAVSTA TI before base closure. No RCRA-permitted facilities and related solid waste management units were on NAVSTA TI. Solid waste collection and disposal at NAVSTA TI was under the purview of the Navy Public Works Center (PWC) San Francisco, which managed the solid waste disposal contract for regular pickup of refuse until base closure. Before and since base closure, all residential and industrial solid waste from NAVSTA TI has been taken to the solid waste transfer station in San Francisco. All solid waste from within the City and County of San Francisco is collected at this transfer station for shipment to Altamont Landfill.

NAVSTA TI previously operated the only military-owned incinerator in the Bay Area, at Building 481 in Parcel T029, as listed in Table 6-9. The incinerator accepted paper waste from many different sources, including ships and other military installations such as Naval Air Station (NAS) Alameda and former NAS Moffett Field. Operation of the incinerator ceased in 1992. The former incinerator received regulatory concurrence that NFA was required because dioxins and furans were not detected in wipe samples (Tetra Tech and U&A 1999a).

6.2.9 Polychlorinated Biphenyls

Pursuant to the Toxic Substances Control Act (TSCA), 15 *United States Code* (U.S.C.) Section 2605(e), EPA has adopted regulations (40 CFR Part 761) that pertain to the use, marking, storage, and disposal of PCBs and certain PCB-containing equipment. PCBs are also potentially subject to regulation as a hazardous waste under state law (22 *California Code of Regulations* [CCR] Section 66261.24(a)(2)). Restrictions on disposal of PCB wastes are set forth in 22 CCR Section 66268.110.

All Navy shore activities that generated, treated, stored, or disposed of PCBs were required to inventory or validate all PCBs and PCB items annually, in accordance with Navy procedures and federal and state regulations. Navy guidelines state all transformers containing 500 parts per million (ppm) or more PCBs were to be removed by October 1998, and all transformers that contain 50 ppm or more of PCBs were to be removed by October 2003 (Navy 1994). In the 1980s, 21 PCB-containing transformers (500 ppm PCB or greater) were removed from NAVSTA TI. In 1995, PWC San Francisco completed a survey of the remaining 190 high-voltage electric transformers and circuit breakers. The dielectric fluid from these devices was sampled and analyzed for PCBs (PWC 1994, 1995, and 1997). Among the surveyed

electrical equipment, one remaining transformer contained PCBs at concentrations greater than 500 ppm, and it was removed in 1996 (PWC 1997). An additional five transformers on TI and three transformers on YBI contained PCBs between 50 and 500 ppm. Those transformers on TI were removed between 1995 and 1996 (PWC 1997). The 1995 EBS also documented the presence or suspected presence of equipment with dielectric fluid that may contain PCBs (ERM-West 1995a). In addition, Shipbuilding, Conversion, and Repair, Portsmouth, Virginia, Environmental Detachment Vallejo (SSPORTS) produced a list of "transformers and oil-filled switches sighted at Treasure Island" (SSPORTS 1997). PCB sites on NAVSTA TI are to be remediated in accordance with TSCA.

Under the IR Program, PCB investigations have been conducted at IR Sites 3, 7, 9, 10, 11, 12, 21, 24, and 31 (Tetra Tech 2004d).

The Navy also investigated PCBs at known or suspected transformer locations within the four transfer parcels in accordance with TSCA's site characterization sampling, necessary for a self-implementing cleanup of PCB remediation waste (SULLIVAN 2004). Samples of soil, concrete, asphalt, and wood and wipe samples were collected at sites in the transfer parcels identified through a PCB survey and tested to evaluate the presence, degree, and extent of PCB contamination. The decision to sample all equipment locations in the transfer parcel area was made to identify the parcels that may have contained PCBs at levels above screening criteria and that would need to be remediated before or after transfer (SULLIVAN and Tetra Tech 2004).

Based on the results of the latest transformer PCB sampling,12 sites with elevated PCB levels are located in the transfer parcels (SULLIVAN and Tetra Tech 2004). Four indoor sites (TX-138, TX-140, TX-146, and TX-2045) located within interior vaults exceeded the low-occupancy criterion (25 mg/kg) and the high-occupancy criterion (1 mg/kg) as specified in 40 CFR Part 761. The one outdoor site (TX-120) exceeded the high-occupancy criterion only. In addition, to TX-120, seven indoor sites (TX-114A and B, TX-139, TX-127, TX-147, 6585265, and TX-252) exceeded the high-occupancy criterion only. The Navy will address these 12 PCB sites before or after transfer under the TSCA self-implementing cleanup protocol outlined in 40 CFR 761.61 (SULLIVAN and Tetra Tech 2004). However, based on strategies discussed at BCT meetings, to categorize EBS Parcels as transferable that contain these PCB sites, the 12 PCB sites have been categorized as ECP 4 in anticipation that the self-implementing cleanup will be completed.

In addition, transformers that may or may not contain PCBs are currently stored in Lot 69 (EBS Parcel T117, adjacent to EBS Parcel T066) (Figure 6-4). During recent site walks, a leaking transformer and staining were observed (identified as OTH T066 in Table 6-9) and further investigation is pending.

Table 6-14 provides a summary of equipment with dielectric fluid that may contain PCBs on NAVSTA TI and includes information related to the latest PCB investigations. Locations of the PCB sites are shown on Figure 6-5.

6.2.10 Asbestos-Containing Material

Both EPA and the Occupational Safety and Health Administration regulate ACM. Asbestos is identified in Section 112 of the Clean Air Act as a hazardous air pollutant (42 U.S.C. Section 7412). In regulations adopted pursuant to the Clean Air Act, EPA has established standards for renovation and demolition of ACM (40 CFR Part 61). Protection measures for asbestos workers, such as permissible exposure levels and monitoring requirements, are set forth in the Occupational Safety and Health Act, codified at 29 CFR Part 1910.1001. Releases to the environment of friable asbestos are regulated under CERCLA, although no such releases are known at NAVSTA TI. Regulatory concurrence is not required for ACM issues.

DoD's policy for ACM at BRAC properties says that all property that contains ACM will be conveyed, leased, or otherwise disposed of as-is through the BRAC process unless ACM is determined to pose a threat to human health at the time of transfer (DoD 1994c). ACM considered a threat to human health is defined as any damaged, friable ACM that is accessible. "Prior to property transfer, all available information on the existence, extent, and condition of the ACM will be incorporated into the SEBS or other appropriate documents, such as the FOST, to be provided to the transferee" (DoD 1994c).

Several surveys to identify the presence of ACM have been completed at NAVSTA TI, beginning in 1995. The MINS conducted an asbestos survey of 108 major nonresidential buildings at NAVSTA TI, and compiled the results in an asbestos survey report in 1995 (MINS 1995b). PWC Norfolk, Virginia, conducted a preliminary asbestos survey for all housing units at TI and YBI in 1996 and compiled the results in a set of asbestos management plans for the housing units (PWC 1996a). In 1997, Radian completed a more comprehensive asbestos survey for a total of 212 nonresidential buildings, including an update inspection of the 108 buildings previously surveyed, as well as some residential housing units at YBI, to estimate scope and costs for abating damaged, friable asbestos (Radian 1997a, 1997b). In 1998, the Supervisor of SSPORTS performed an asbestos survey of underground steam utility lines and miscellaneous facilities (SSPORTS 1998). The results of these surveys are presented in Table 6-15.

Friable, accessible ACM identified during surveys was remediated beginning with 38 buildings in 1998 by Allied Technology Group, Inc. (ATG) (ATG 1998a, 1998b). ATG remediated an additional 20 buildings in 1998 (ATG 1998c). In 1999, SSPORTS remediated friable ACM found in residences at both YBI and TI (SSPORTS 1999). In 2002, Mendalian Construction, Inc. barracked the crawl spaces and posted ACM signs to seven barracks on TI, and abated and removed ACM from six quarters on YBI (Mendalian Construction, Inc. 2002).

SEBS personnel observed damaged, friable, and accessible ACM in Buildings 325 and 455 during the 2004 VSIs (Appendix B, Photographs B-1 and B-2). A room in Building 233 was cordoned off and labeled hazardous because of ACM contamination. According to Michael Mentink of the CSO, ACM abatement is ongoing in the building (no photograph available). The Navy will post access restrictions to these buildings and abate the damaged ACM before the property is leased or transferred. In addition, the status of asbestos in Building 293 has yet to be determined after a fire; the Navy will either board the building and post access restrictions as a result of the potential exposure of damaged, friable asbestos, or will demolish the building.

6.2.11 Resource Conservation and Recovery Act Facilities

The Navy does not and never did operate a RCRA-permitted or interim-status facility at NAVSTA TI.

6.2.12 Lead-Based Paint

Congress enacted the Residential Lead-Based Paint Hazard Reduction Act of 1992, Title 10 of the Housing & Community Development Act (Public Law No. 102-550). As part of Title 10, Congress amended the 1971 Lead-Based Paint Poisoning Prevention Act (42 U.S.C. Sections 4801-4846) and added a new Title IV to TSCA. Under this law, certain federally owned housing constructed before 1960 must be inspected for LBP, and LBP hazards must be abated; federally owned housing constructed after 1960 and before 1978 must be inspected for LBP hazards, with disclosure provided to prospective property recipients (42 U.S.C. Section 4822).

6.2.12.1 Residential Housing

The DoD policy for residential LBP at BRAC properties is to manage it in a manner that is protective of human health and the environment and to comply with all applicable federal, state, and local laws and regulations that govern LBP hazards (DoD and EPA 1999). In addition, DoD published interim final guidelines in December 1999 for transfer of residential property (DoD and EPA 1999), which apply to residential property located on NAVSTA TI.

PWC Norfolk began an LBP inspection of the family housing at NAVSTA TI in 1995 (PWC 1996b). The Navy inspected, assessed, and abated additional facilities for LBP as required from 1997 through 2004 (Forensic Analytical Specialties 1998a, 1998b; AFA Construction Inc. 1999a,b; IT Corporation [IT Corp] 2001, 2002a, 2002b; Architectural Systems Corp. 2003; Shaw 2004e; Shaw in press; ITSI 2004). The Navy has re-evaluated LBP in all pre-1978 housing units on TI. Facilities were selected using the criteria in Title X of the Housing and Community Development Act. Pursuant to Title X, not all facilities require an LBP inspection. In addition, the Navy has complied with LBP hazard law and regulation by requiring that the TIDA conduct LBP inspection, assessment, maintenance, and abatement of residential structures that have been leased to the TIDA for residential habitation. This requirement is detailed in the findings of suitability to lease (FOSL) and associated leases previously executed for these properties (PRC 1997a, c, and d). Table 6-16 summarizes the status of LBP for residential buildings.

The Navy will either abate or require the transferee to abate any LBP hazards found in existing residential units built before 1960. in accordance with Title X, U.S. Department of Housing and Urban Development (HUD), and joint DoD/EPA guidelines (HUD 1997; DoD and EPA 1999) no later than 12 months after transfer.

These guidelines state that only bare soils may pose a hazard, and that soils covered by grass, concrete, or asphalt are protective. The Navy will not clean up lead from LBP in soil at residential structures under building foundations, concrete, or asphalt as a result. The LBP will not be inspected or abated if the building is scheduled for demolition or nonresidential use.

6.2.12.2 Non-residential Buildings

LBP may be present on interior and exterior surfaces of non-residential buildings present on NAVSTA TI parcels that were constructed prior to 1978. DoD policy does not require LBP surveys for commercial or industrial buildings unless the buildings will be reused for residential purposes. Table 6-17 summarizes the LBP findings in non-residential buildings.

6.2.13 Radon

The screening phase of the Navy radon assessment and mitigation program began in 1989. The Navy radon assessment and mitigation program consists of: (1) an initial screening phase to identify housing projects, schools and childcare facilities, barracks, hospitals, and brigs with elevated radon levels; (2) a detailed assessment to collect samples from buildings where elevated levels of radon gas are found during the initial screening; and (3) a mitigation phase for corrective actions in buildings with elevated radon levels. The Navy conducted radon screening for six representative locations at NAVSTA TI in 1991. Concentrations ranged from below the detection limit (0.5 picoCuries per liter of air [pCi/L]) at four locations to 0.6 pCi/L. No radon was detected at concentrations that exceeded the EPA radon action level of 4 pCi/L and, therefore, no further action was required (ERM-West 1995a).

6.2.14 Radiological Activities

The Navy conducted a basewide historical radiological assessment (HRA) at NAVSTA TI. At the time of this SEBS, the review of historical records and interviews associated with this assessment have been completed, and a written report is under review.

The HRA conducted by the Navy's Radiological Affairs Support Office (RASO) in 2004 and 2005 identified a number of radiation "impacted" areas on non transferable property. "Impacted" areas are areas with a reasonable potential for residual contamination as defined in the Multi-Agency Radiation Survey and Site Investigation Manual (MARSSIM) (DoD Department of Energy, EPA, and Nuclear Regulatory Commission 2000). Those sites identified as impacted in the HRA include Buildings 3, 7, 10, 19, 107, 226, 228, 233, 273, 293, 342, 343, 344, 461 and 462, former piers 13 and 21 and the site where a former training ship mockup was located on land (at two locations) (Navy 2004c).

Building 233 was the site of the Radioactive Detection, Identification and Computation (RADIAC) Instrument Maintenance and Calibration School. In 1950, a glass capsule that contained radium sulfate powder was broken during a calibration exercise. Decontamination efforts in 1950 reduced contamination and allowed the building to be reopened. However, since residual radiological standards have become more stringent since 1950, the Navy began re-evaluating Building 233 in 2004 to ensure that radiological levels remain below allowable levels. . In addition to Building 233 itself, it is possible that personnel with minor contamination resulting from the spill may have lived in the Barracks Buildings 10, 19, 107, 226, or 228. Building 107 is still present, but Buildings 10, 19, 226, and 228 have been demolished. None of the areas where the barracks were formerly located has been included in the TI FOST area pending further investigation (Navy 2005d).

Buildings 3, 7, 273, 293, 342, 343, 344, 461 and 462 were collectively used by the RADIAC Maintenance and Calibration School to train personnel in use and calibration of radiation detection equipment or for activities that may have involved the use or storage of radioactive materials. The school was moved to Orlando, Florida, in 1990. As part of closing the school, the Navy conducted an evaluation that found no outstanding issues that would require further investigation or cleanup.

Former Piers 13 and 21 have been identified as impacted due to the fact that Operation Crossroads ships were known to have been berthed at these piers following decontamination at Hunters Point Naval Shipyard. Operation Crossroads ships were exposed to an aboveground atomic test at the Bikini Atoll in the late 1940's. These piers are no longer present at NAVSTA TI.

Starting in 1958, naval laboratories conducted radiological decontamination training on a ship mockup (Building 371) in an area near the intersection of 12th Street and Avenue A. In 1969, the ship mockup was moved to a location in EBS Parcel T111 where the Navy continued radiological decontamination training. The radiological decontamination training ended in 1982. The 1988 PA/SI concluded that no outstanding issues at the decontamination training area would require further investigation or cleanup (Dames and Moore 1988).

6.2.15 Utilities

Underground sanitary, sewage, steam, and natural gas lines and other utilities run throughout NAVSTA TI. Of most concern are the potential transport or release of environmental contaminants from storm sewer lines into the submerged parcels. In 1995 and 1996, the PUC conducted a two-phased cleanup of all storm water catch basins and manholes in non-residential areas of NAVSTA TI (Ecology and Environment, Inc 1996). In 2001, the Navy conducted a two-phase basewide RI of offshore sediments for NAVSTA TI (Tetra Tech 2001c). The storm drain system on NAVSTA TI was sampled before and after the PUC's storm drain system cleanup to identify chemicals that may have been discharged into the San Francisco Bay. Based on the analytical results from the RI, no further investigation of the offshore sediment was recommended (Tetra Tech 2001c).

6.2.16 Other Locations of Concern

Other locations of concern were identified in areas not within the CERCLA or petroleum programs, or any of the compliance programs. Other locations of concern are listed in Table 6-9. Figure 6-4 shows these other locations of concern currently scheduled for investigation, many as part of the EBS data gaps investigation (Shaw 2005). Other locations of concern involve issues such as:

- Stains or spills
- Potential historical adverse use
- Potential lead contamination not resulting from LBP
- Other miscellaneous issues raised by the 1995 EBS or by members of the BCT

6.3 NOTIFICATION ISSUES

When the property is transferred, transfer documents will include notification of hazardous substances; ACM, LBP, and PCBs (discussed in Section 6.2); and locations of monitoring and remediation wells (discussed below).

6.3.1 Monitoring and Remediation Wells

Notification is required of EBS parcels that contain monitoring or remediation wells. Wells include groundwater monitoring wells, groundwater extraction wells, air-sparging wells, and soil-vapor extraction wells. Notification will include the status (active or abandoned) of the wells. Locations of the wells are shown on Figure 6-6. EBS parcels that contain wells are listed on Table 6-18.

6.3.2 Hazardous Substances Notification

As required by CERCLA Section 120(h)(1) and as codified at 40 CFR Part 373.1, notification of hazardous substance storage or releases is required for transfer of federal property where any hazardous substance was stored for 1 year or more or that was known to have been released or disposed of. Notification must include the type and quantity of the hazardous substance and notice of the time when storage, release or disposal took place. Notification must be provided to the extent that the information is available on the basis of a complete search of agency files.

The notice required by 40 CFR 373.1 of storage for 1 year or more of hazardous substances or release of hazardous substances applies only when hazardous substances are or have been stored or released in quantities greater than or equal to 1,000 kg or the hazardous substance's CERCLA reportable quantity found at 40 CFR 302.4, whichever is greater. Hazardous substances also listed under 40 CFR 261.30 as "acutely hazardous wastes," and stored for 1 year or more, are subject to the notice requirement when stored in quantities greater than or equal to 1 kg.

A table that lists the hazardous substances that require notification under CERCLA 120(h) will be included in the transfer document when property is transferred out of the Navy's control. The information available on hazardous substances will be derived from the 1995 EBS and from information provided by current tenants.

EBS PARCELS
PREVIOUSLY TRANSFERRED PROPERTY
BUILDINGS
APPURTENANCES
ROADS
CERCLA SITES
Active
Closed
Merged With Other Sites
CLOSED PA/SI SITES

Notes:

CERCLA	Comprehensive Environmental Response Compensation, and Liability Act
EBS	Environmental baseline survey
PA/SI	Preliminary assessment/site investigation
PCB	Polychlorinated biphenyl
USCG	U.S. Coast Guard
YBI	Yerba Buena Island

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FIGURE 6-1
CERCLA SITES

2005-07-06 V:\Treasure Island\Projects\SEBS\2004\CERCLA_EBS.mxd TtEMI-SF Aleksandr Zhuk

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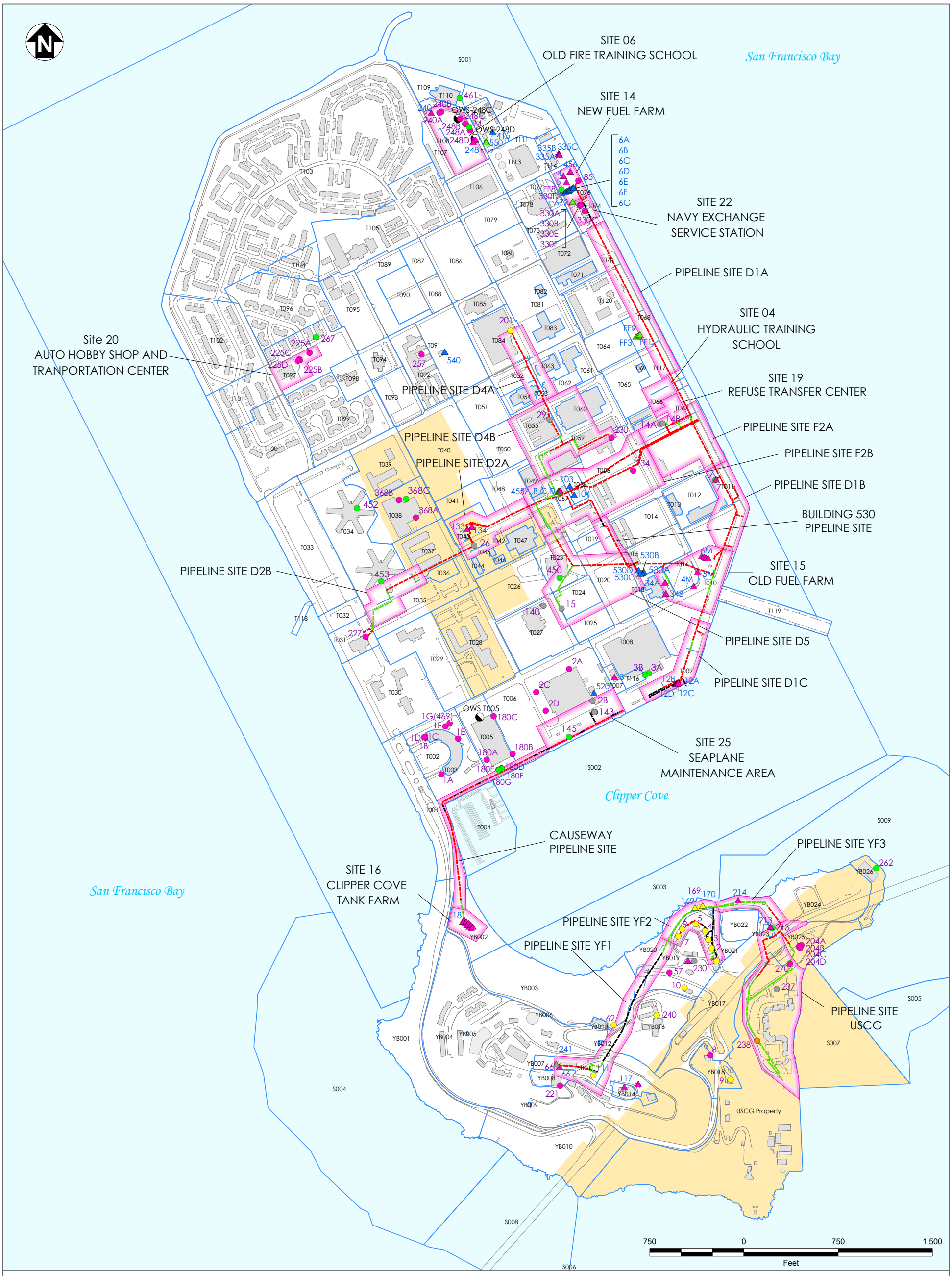

POTENTIAL OIL-WATER SEPARATORS

ABOVEGROUND STORAGE TANKS
- Active
- Closed-in-Place
- Inactive
- Removed
- Suspected Removed

UNDERGROUND STORAGE TANKS
- Closed-in-Place
- Previously Suspected
- Removed
- Suspected Removed
- Suspected

PETROLEUM SITES
PREVIOUSLY TRANSFERRED PROPERTY
EBS PARCELS
BUILDINGS

FUEL PIPELINES
- Closed-in-Place
- Not Located
- Removed

Notes:
AST Aboveground storage tank
EBS Environmental baseline survey
USCG U.S. Coast Guard
UST Underground storage tank

ASTs shown are for known locations only. Some ASTs have no precisely known locations. See Table 6-8 for a complete list of ASTs and associated EBS Parcels.
AST labels are in blue font.
UST labels are in magenta font.

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FIGURE 6-2
PETROLEUM PROGRAM SITES AND ABOVE- AND UNDERGROUND STORAGE TANKS

2005-07-06 V:\Treasure Island\Projects\SEBS\2004\Petroleum_Sites.mxd TtEMI-SF Aleksandr Zhuk

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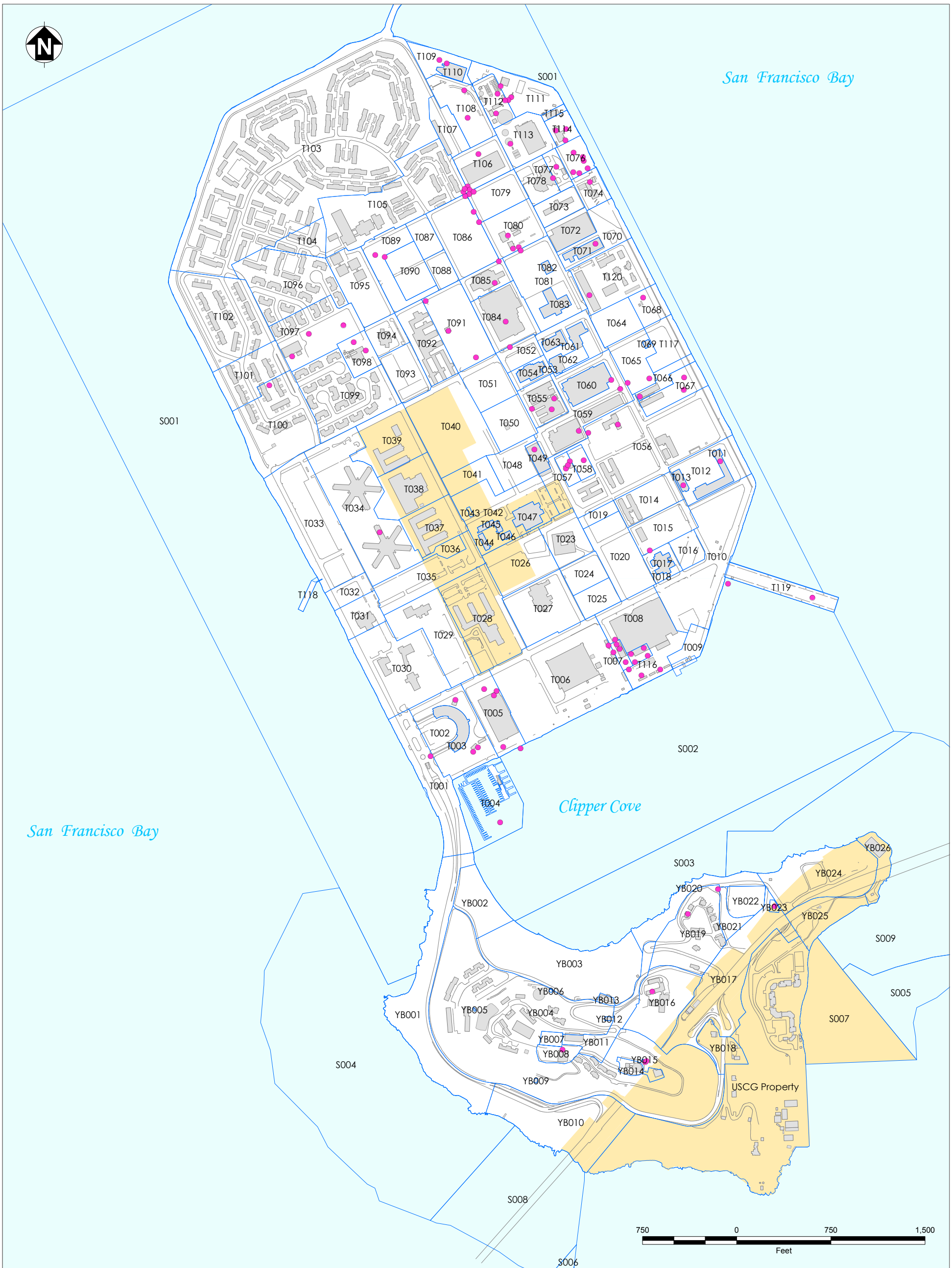

- APPROXIMATE STAIN OR SPILL LOCATION
- EBS PARCELS
- PREVIOUSLY TRANSFERRED PROPERTY
- BUILDINGS
- ROADS

Notes:
EBS Environmental baseline survey
USCG U.S. Coast Guard

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FIGURE 6-3
LOCATIONS OF STAINS AND SPILLS

2005-07-06 V:\Treasure Island\Projects\SEBS\2004\Stains_Spills_EBS.mxd TtEMI-SF Aleksandr Zhuk

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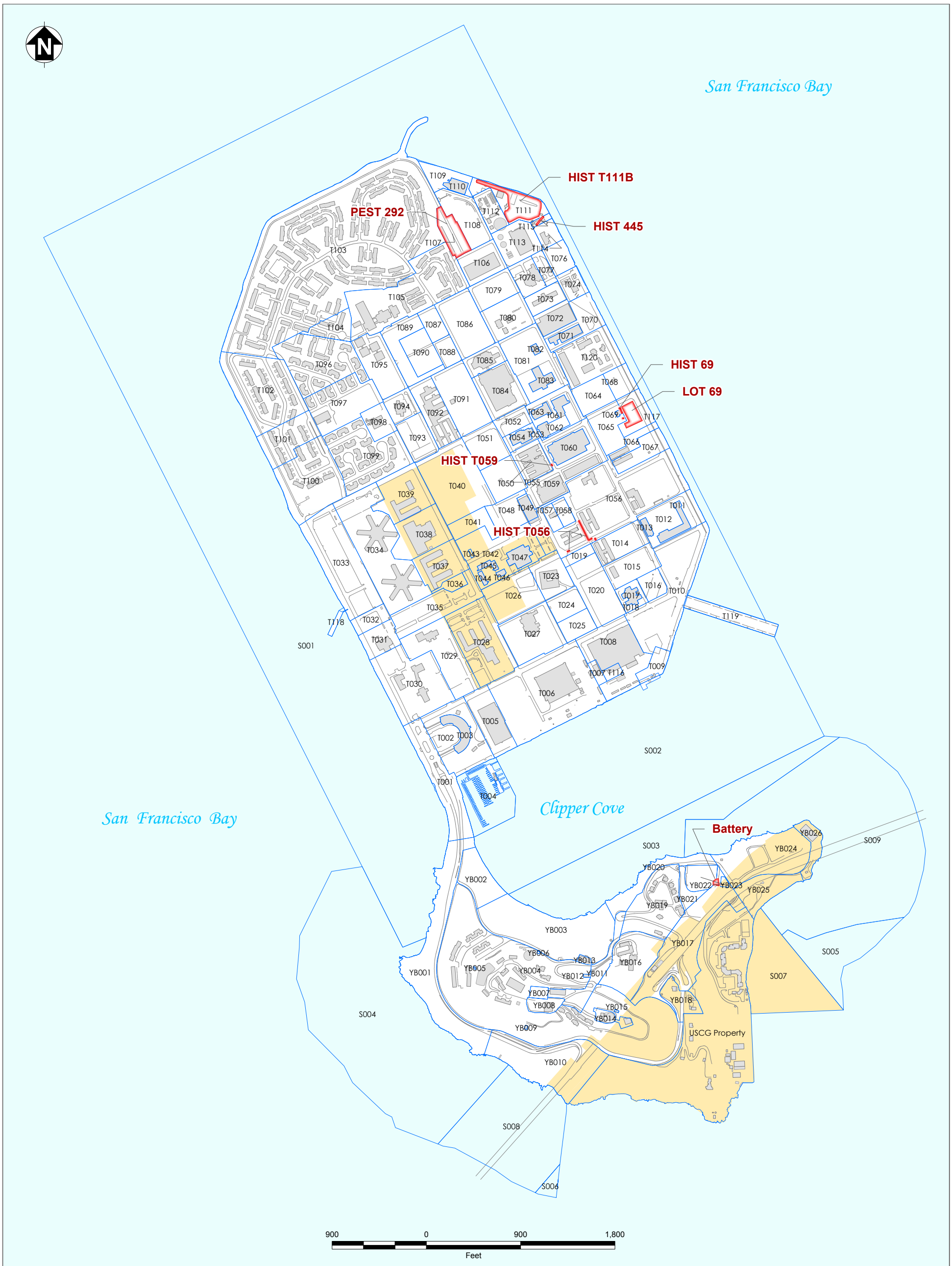

OTHER LOCATIONS POTENTIALLY REQUIRING FURTHER ACTION*

PREVIOUSLY TRANSFERRED PROPERTY

EBS PARCELS

BUILDINGS

ROADS

Notes:

EBS	Environmental baseline survey
HIST	Potential adverse historical use site
HW	Hazardous waste storage site
PEST	Pesticide site
USCG	U.S. Coast Guard
*	Only those sites which are currently known are presented

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FIGURE 6-4
OTHER LOCATIONS POTENTIALLY REQUIRING FURTHER ACTION

2005-07-06 V:\Treasure Island\Projects\SEBS\2004\Other_Poten_Locs.mxd TtEMI-SF Aleksandr Zhuk

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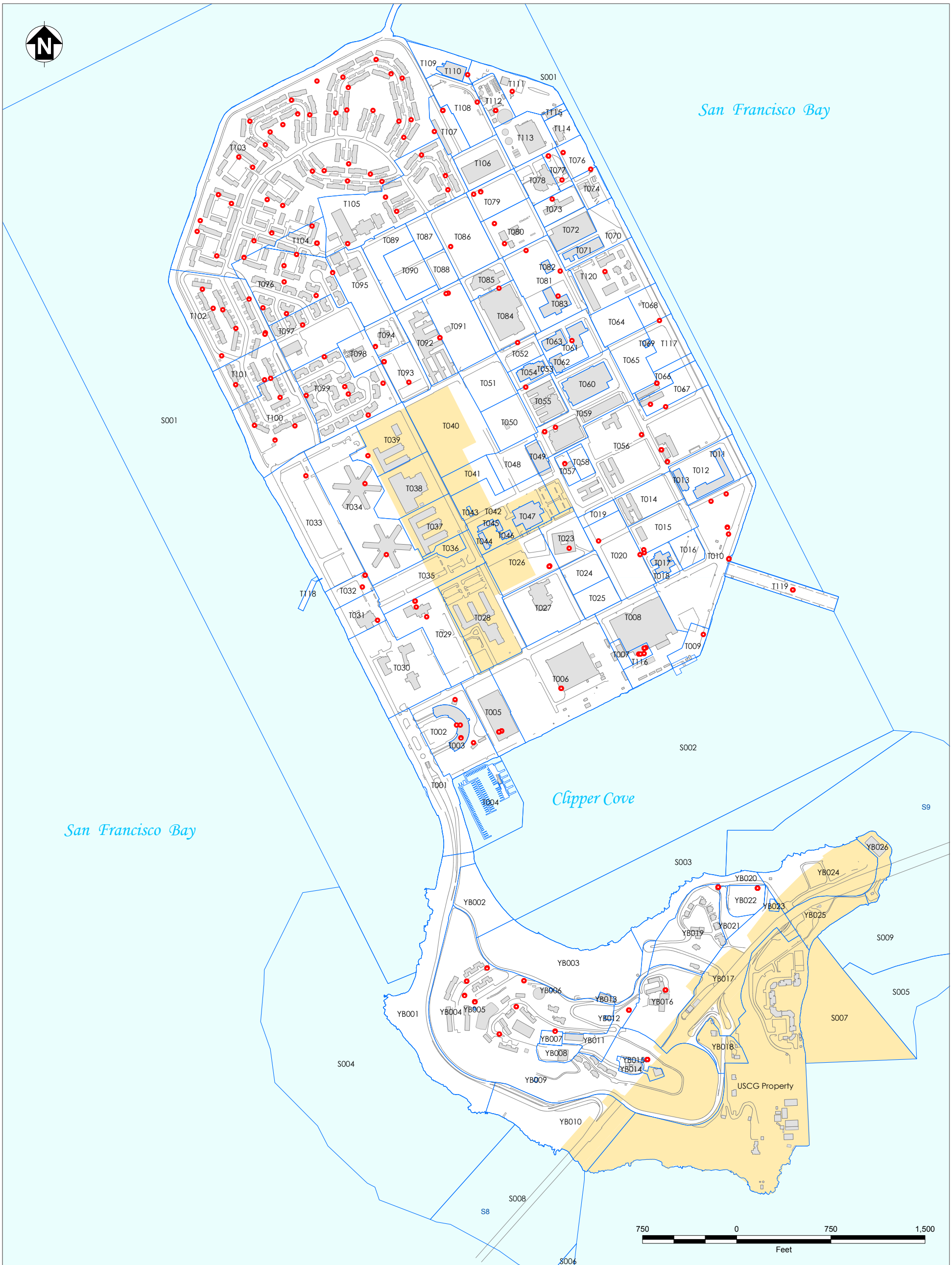

PCB-RELATED EQUIPMENT
EBS PARCELS
PREVIOUSLY TRANSFERRED PROPERTY
BUILDINGS
ROADS

Notes:
EBS Environmental baseline survey
PCB Polychlorinated biphenyls
USCG U.S. Coast Guard

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FIGURE 6-5
PCB SITES

2005-07-06 V:\Treasure Island\Projects\SEBS\2004\PCB_EBS_Sites.mxd TtEMI-SF Aleksandr Zhuk

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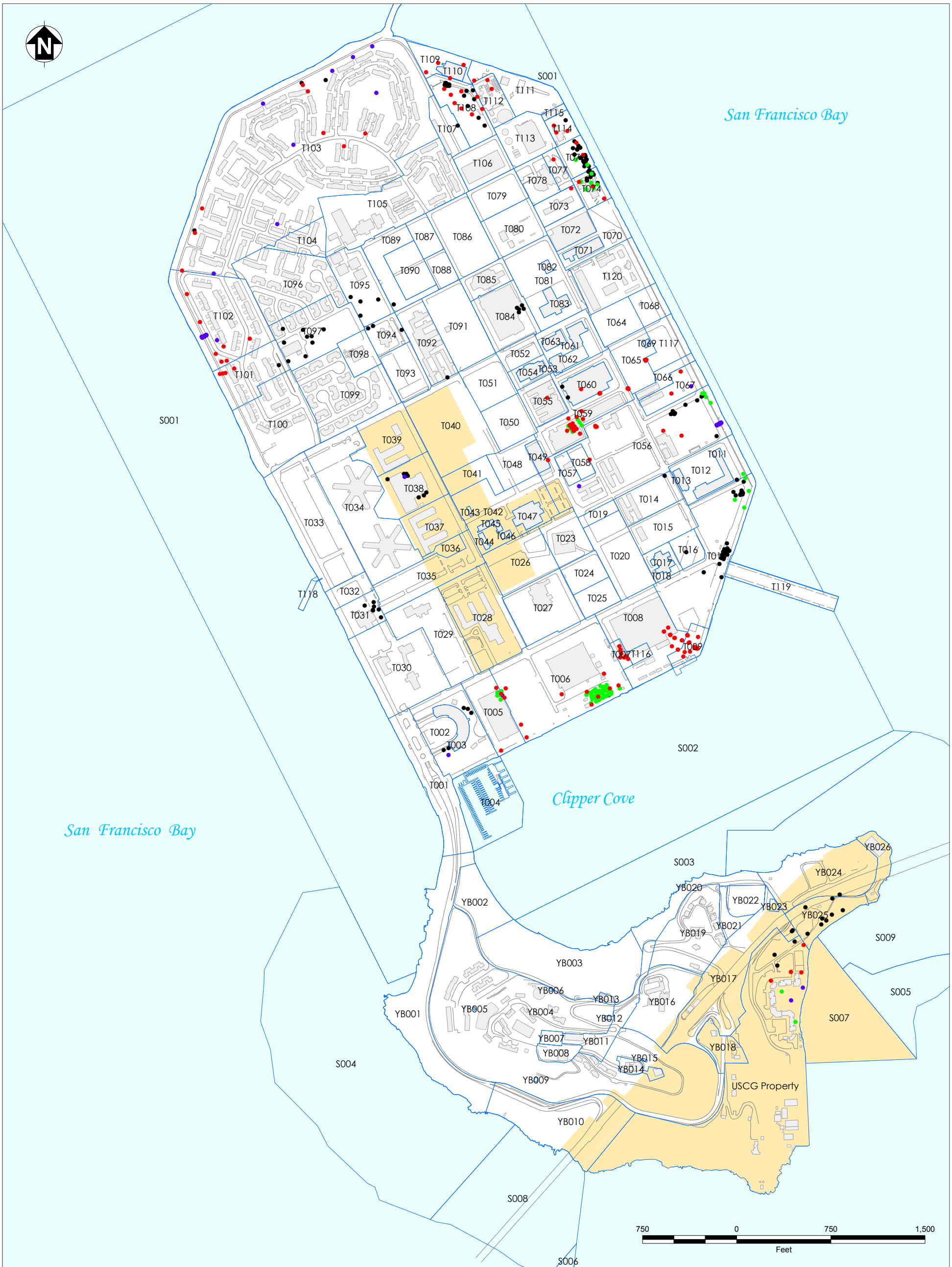

EBS PARCELS
PREVIOUSLY TRANSFERRED PROPERTY
BUILDINGS
ROADS
MONITORING AND REMEDIATION WELLS
- Active Monitoring Wells
- Active Remediation Wells
- Inactive Monitoring and Remediation Wells
- Abandoned and Destroyed Wells

Notes:
EBS Environmental baseline survey
USCG U.S. Coast Guard

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FIGURE 6-6
LOCATIONS OF MONITORING AND REMEDIATION WELLS

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TABLE 6-1: INSTALLATION RESTORATION SITES

Final, Supplemental Environmental Baseline Survey, Naval Station Treasure Island

IR Site	Site Description	Current Program	Corresponding Section in Text
1	Medical Clinic	CERCLA Program (Closed)	Section 6.1.1
2	Radiation Training Area	PA/SI determined NFA	Section 6.1.1
3	PCB Equipment Storage Area	CERCLA Program (Closed)	Section 6.1.1
4	Hydraulic Training School	Petroleum Program (NFA)	Section 6.1.2
5	Old Boiler Plant	CERCLA Program (Combined with Site 24)	Section 6.1.1
6	Fire Training School	CERCLA and Petroleum Programs	Section 6.1.1
7	Pesticide Storage Area	SI requested NFA	Section 6.1.1
8	Army Point Sludge Disposal Area	CERCLA Program	Section 6.1.1
9	Foundry	CERCLA Program	Section 6.1.1
10	Bus Painting Shop	CERCLA Program	Section 6.1.1
11	YBI Landfill	CERCLA Program	Section 6.1.1
12	Old Bunker Area	CERCLA Program	Section 6.1.1
13	Stormwater Outfalls/Offshore Sediments	CERCLA Program (NFA ROD)	Section 6.1.1
14	New Fuel Farm	Petroleum Program	Section 6.1.2
15	Old Fuel Farm	Petroleum Program (NFA)	Section 6.1.2
16	Clipper Cove Tank Farm	Petroleum Program (NFA)	Section 6.1.2
17	Tanks 103/104	Petroleum Program (Combined with Site F2A/F2B)	Section 6.1.1
18	Asbestos Covered Piping	PA/SI determined NFA	Section 6.1.1
19	Refuse Transfer Area	Petroleum Program (NFA)	Section 6.1.2
20	Auto Hobby Shop/Transportation Center	Petroleum Program (NFA)	Section 6.1.2
21	Vessel Waste Oil Recovery Area	CERCLA Program	Section 6.1.1
22	Navy Exchange Service Station	Petroleum Program	Section 6.1.2
23	YBI Line Break	PA/SI determined NFA	Section 6.1.1
24	Dry Cleaning Facility	CERCLA Program	Section 6.1.1
25	Seaplane Maintenance Area	Petroleum Program	Section 6.1.2
26	USTs	UST Compliance Program	Section 6.2.1
27[a]	Clipper Cove Skeet Range	CERCLA Program	Section 6.1.1
28[a]	West Side On/Off Ramp	CERCLA Program	Section 6.1.1
29[a]	East Side On/Off Ramp	CERCLA Program	Section 6.1.1
30[b]	Daycare Center	CERCLA Program	Section 6.1.1
31[c]	Former South Storage Yard	CERCLA Program	Section 6.1.1
32[c]	Former Training and Storage Area	CERCLA Program	Section 6.1.1
33[c]	Water Line Replacement Area	CERCLA Program	Section 6.1.1

TABLE 6-1: INSTALLATION RESTORATION SITES (Continued)

Final, Supplemental Environmental Baseline Survey, Naval Station Treasure Island

Notes:

a	Site was identified as an IR site following Phase I of the RI. All other sites were identified during the PA/SI unless otherwise noted.
b	Site identified in 2002
c	Site identified in 2003
CERCLA	Comprehensive Environmental Response, Compensation, and Liability Act
IR	Installation restoration
NFA	No further action
PA/SI	Preliminary assessment/site investigation
PCB	Polychlorinated biphenyl
RI	Remedial investigation
ROD	Record of decision
UST	Underground storage tank
YBI	Yerba Buena Island

TABLE 6-2: STATUS OF CERCLA SITES

Final, Supplemental Environmental Baseline Survey, Naval Station Treasure Island

CERCLA Site	OU	Name	Description	Status as of June 2005	Anticipated Outcome	Estimated Site Closeout*
01	Onshore	Medical Clinic, Building 257	X-ray photo processing lab	• Soils were removed from above the concrete slab foundation and it was determined that there had been no release to the environment. • The site received closure approval on March 20, 2002 (DTSC 2002a).	NFA	Closed March 20, 2002
02	Onshore	Radiation Training Area	Radiation training	• Training area mid-1950s to 1969. • The half life of the radioactive material used (Bromine-82) was approximately 24-36 hours, any remaining radiation level is expected to be below significant levels (Dames and Moore 1988).	NFA	Closed April 1, 1988
03	Onshore	PCB Equipment Storage Area, Building 3	South side storage of PCB equipment	• Supplemental site inspection performed with DTSC and City of San Francisco. • The site received closure approval on March 20, 2002 (DTSC 2002b).	NFA	Closed March 20, 2002
05	Onshore	Old Boiler Plant	Petroleum products	• Site closed. • Merged with Site 24 by letter dated January 17, 2001 (DTSC 2001).	Closed	Closed January 17, 2001

TABLE 6-2: STATUS OF CERCLA SITES (Continued)
Final, Supplemental Environmental Baseline Survey, Naval Station Treasure Island

CERCLA Site	OU	Name	Description	Status as of June 2005	Anticipated Outcome	Estimated Site Closeout*
06	Onshore	Old Fire Training School	• Fire training operations yard • Burn areas lined with asphalt and concrete • Former USTs and OWSs	• Under the petroleum program, a CAP was completed (Tetra Tech 2002). • PAHs investigated under EBS Data Gaps Investigation and will be closed out under the petroleum program. • A Closure report for the petroleum program is being prepared • Recently transferred to CERCLA. program due to detected dioxins. • An RI report for CERCLA program is being prepared.	TBD	*July 2008*
07	Onshore	Pesticide Storage Area, Building 62	• Pesticide storage • WWTP sludge disposal	• A final supplemental SI incorporating additional results was completed recommending NFA.	Requesting NFA	*2005*
08	Onshore	Army Point Sludge Disposal Area	• WWTP sludge disposal • Lead-based paint from Bay Bridge	• No action is planned. • Site boundary adjusted June 2005. • The site will be documented in the final RI report with Sites 28 and 29, which is being prepared.	Requesting NFA	*March 2009*
09	Onshore	Foundry, Building 41	• Foundry • Paint shop	• Additional investigation has been conducted for further delineation of TPH and lead. • A final RI report for Sites 09 and 10 was submitted in March 2005 and found no risk; proposed plan delayed.	NFA	*August 2006*

TABLE 6-2: STATUS OF CERCLA SITES (Continued)
Final, Supplemental Environmental Baseline Survey, Naval Station Treasure Island

CERCLA Site	OU	Name	Description	Status as of June 2005	Anticipated Outcome	Estimated Site Closeout*
10	Onshore	Bus Painting Shop, Building 335	• Pesticide storage • Paint mixing • Self-service steam rack used to clean equipment	• A final RI report for Sites 09 and 10 was submitted in March 2005 and found no risk; proposed plan delayed.	NFA	*August 2006*
11	Onshore	YBI Landfill	• Landfill solid waste (unknown type) • USTs and fuel pipeline • Lead-based paint from Bay Bridge	• Additional investigation has been completed for landfill delineation, delineation of lead in surface soil, and characterization of shoreline sediments. • All CERCLA work on hold pending Caltrans activities. • The final RI is to be prepared. • Site boundary adjusted June 2005.	TBD	*May 2013*
12	Site 12	Old Bunker Area	• Ammunition bunkers and incineration areas • Debris disposal areas • Former storage yard	• The RI report is to be prepared.	TBD	*July 2005*
13	Offshore	Stormwater Outfalls/Offshore Sediments	• Storm drains • Stormwater outfalls • Offshore sediments	• The final RI is complete (Tetra Tech 2001). • A final ROD was signed by the agencies on April 7, 2005 (Navy 2005b).	Closed	Closed April 7, 2005
17	Onshore	Tanks 103/104	Two 200,000 gallon aboveground diesel tanks	• Site closed. • Merged into Site 24 and petroleum program by letter dated January 17, 2001 (DTSC 2001).	Closed	Closed January 17, 2001
18	Onshore	Asbestos Covered Pipes	Asbestos contamination	• This site was removed from consideration for further action after initial identification during the PA/SI (Dames and Moore 1988).	NFA	Closed April 1, 1988

TABLE 6-2: STATUS OF CERCLA SITES (Continued)
Final, Supplemental Environmental Baseline Survey, Naval Station Treasure Island

CERCLA Site	OU	Name	Description	Status as of June 2005	Anticipated Outcome	Estimated Site Closeout*
21	Onshore	Vessel Waste Oil Recovery Area, Building 3	• Oil-water separator • ASTs • Petroleum/oil/lubricant lines • A dip tank	• Additional investigation for delineation of VOCs is complete. • An RI report is being prepared.	TBD	*February 2012*
23	Onshore	YBI Line Break	YBI Line Break	• This site was removed from consideration for further action after initial identification during the PA/SI (Dames and Moore 1988).	NFA	Closed April 1, 1988
24	Onshore	Dry Cleaning Facility, Building 99	• Solvent spills and leaks within Building 99 • Petroleum/oil/lubricant lines	• Additional investigation for delineation of source area VOCs and TPH was completed. • An RI report is currently under preparation. • A pilot study to remove VOCs from the source area operated through March 2004. • An expanded treatability study began March 2004 for the VOCs in the plume area.	TBD	*August 2012*
27	Offshore	Clipper Cove Skeet Range	Skeet Range	• The final RI report is completed (Tetra Tech 2001). • An FS report is being prepared.	NFA	*September 2006*
28	Onshore	West Side On/Off Ramp	Lead-based paint from Bay Bridge	• The site will be documented in the final RI report with Sites 8 and 29. • Anticipated outcome is NFA with ICs for lead in surface soil. • Site boundary adjusted June 2005.	NFA	*June 2010*

TABLE 6-2: STATUS OF CERCLA SITES (Continued)
Final, Supplemental Environmental Baseline Survey, Naval Station Treasure Island

CERCLA Site	OU	Name	Description	Status as of June 2005	Anticipated Outcome	Estimated Site Closeout*
29	Onshore	East Side On/Off Ramp	Lead-based paint from Bay Bridge	• Additional investigation was completed. • The site will be documented in the final RI report with Sites 8 and 28. • Anticipated outcome is NFA with ICs for lead in surface soil. • Site boundary adjusted June 2005.	NFA	*June 2010*
30	Onshore	Daycare Center	• A 1989 water line as-built drawing indicated a "trash burned" in the area • Elevated levels of lead and dioxin in soil	• A time-critical removal action to prevent possible exposure to daycare center tenants was completed on February 19, 2003. • An RI report is being prepared. • Anticipated outcome is NFA with ICs for dioxins in deep soils.	NFA	*January 2009*
31	Onshore	Former South Storage Yard, TI Elementary School	• A 1969 aerial photograph showed a storage area with unknown nature and operations • Construction and burned debris	• An RI report is being prepared.	TBD	*April 2009*
32	Onshore	Former Training and Storage Area, Buildings 462 and 463	• Hazardous material storage area • Tear gas training area and storage	• An RI report for CERCLA program is to be prepared.	TBD	*June 2009*
33	Onshore	Water Line Replacement Area	• A historical waterline as-built drawing indicated locations of observed debris in trenches • Debris identified during petroleum pipeline removal	• Additional investigation for delineation of source area has been conducted; no debris found. • Groundwater investigation for dioxins to be conducted in late summer 2005. • An RI report is in progress.	TBD	*July 2009*

TABLE 6-2: STATUS OF CERCLA SITES (Continued)

Final, Supplemental Environmental Baseline Survey, Naval Station Treasure Island

Notes:

*	Estimated closeout dates are in italics.
AST	Aboveground storage tank
BRAC PMO	Base Realignment and Closure Program Office Management
Caltrans	California Department of Transportation
CERCLA	Comprehensive Environmental Response, Compensation, and Liability Act
CAP	Corrective action plan
DTSC	State of California Department of Toxic Substances Control
EBS	Environmental baseline survey
FS	Feasibility study
IC	Institutional control
OU	Operable Unit
OWS	Oil-water separator
NFA	No further action
PA	Preliminary assessment
PAH	Polycyclic aromatic hydrocarbon
PCB	Polychlorinated biphenyl
RI	Remedial investigation
ROD	Record of decision
SI	Site investigation
Tetra Tech	Tetra Tech EM Inc.
TBD	To be determined
TPH	Total petroleum hydrocarbons
UST	Underground storage tank
VOC	Volatile organic compound
WWTP	Waste water treatment plant
YBI	Yerba Buena Island

References:

California Department of Toxic Substance Control (DTSC). 2001. Letter titled “Concurrence for Closure of Installation Restoration (IR) Site 5, Old Boiler Plant and Site 17, Tanks 103 and 104, Naval Station Treasure Island.” From David Rist, Hazardous Substance Scientist Office of Military Facilities. To James Sullivan, Remedial Project Manager, BRAC PMO West. January 17.

DTSC. 2002a. Letter titled “Approval of No Further Action for Site 01 (Former Medical Clinic in Building 257), Naval Station Treasure Island, San Francisco, California.” From Anthony J. Landis, P.E., Chief, Northern California Operations, Office of Military Facilities. To Mr. Scott D. Anderson, Remedial Project Manager, SWDIV. March 20.

DTSC. 2002b. Letter titled “Approval of No Further Action for Site 3 (Former Polychlorinated Biphenyl Storage Area), Naval Station Treasure Island, San Francisco, California.” From Anthony J. Landis, P.E., Chief, Northern California Operations, Office of Military Facilities. To Ms. Ellen Casados, Remedial Project Manager, SWDIV. March 20.

U.S. Department of the Navy. 2005b. Installation Restoration Site 13, Offshore Sediments, Record of Decision, former Naval Station, Treasure Island, San Francisco, California.” April 7.

Dames and Moore. 1988. “Final Preliminary Assessment/Site Inspection of Naval Station Treasure Island.” Naval Energy and Environmental Support Activity. April 1.

Tetra Tech 2001. “Final Remedial Investigation Offshore Sediments Operable Unit, Volumes I and II, Naval Station Treasure Island.” December 28.

Tetra Tech 2002. "Final Corrective Action Plan, sites 06, 14/22, 15, and 25, Naval Station Treasure Island." June 28.

TABLE 6-3: SUMMARY OF CERCLA SITES

Final, Supplemental Environmental Baseline Survey, Naval Station Treasure Island

EBS Parcel	Identification	Location Description	Status	Closure Document	ECP Area Type*
S001	CERCLA Site 13	Storm Water Outfalls/Offshore Sediments	NFA	Navy 2005b	3
S002	CERCLA Site 13	Storm Water Outfalls/Offshore Sediments	NFA	Navy 2005b	3
S002	CERCLA Site 27	Clipper Cove Skeet Range	Prepare FS	--	6
S003	CERCLA Site 13	Storm Water Outfalls/Offshore Sediments	NFA	Navy 2005b	3
S003	CERCLA Site 13	Storm Water Outfalls/Offshore Sediments	NFA	Navy 2005b	3
S004	CERCLA Site 13	Storm Water Outfalls/Offshore Sediments	NFA	Navy 2005b	3
S005	CERCLA Site 13	Storm Water Outfalls/Offshore Sediments	NFA	Navy 2005b	3
S006	CERCLA Site 13	Storm Water Outfalls/Offshore Sediments	NFA	Navy 2005b	3
S008	CERCLA Site 13	Storm Water Outfalls/Offshore Sediments	NFA	Navy 2005b	3
S009	CERCLA Site 13	Storm Water Outfalls/Offshore Sediments	NFA	Navy 2005b	3
T004	CERCLA Site 13	Storm Water Outfalls/Offshore Sediments	NFA	Navy 2005b	3
T004	CERCLA Site 27	Clipper Cove Skeet Range	Prepare FS	--	6
T006	CERCLA Site 27	Clipper Cove Skeet Range	Prepare FS	--	6
T007	CERCLA Site 09	Foundry	Prepare PP	SulTech 2005a	6
T008	CERCLA Site 21	Vessel Waste Oil Recovery Area	Prepare RI	--	6
T009	CERCLA Site 21	Vessel Waste Oil Recovery Area	Prepare RI	--	6
T010	CERCLA Site 21	Vessel Waste Oil Recovery Area	Prepare RI	--	6
T014	CERCLA Site 33	Water Line Replacement Area	Prepare RI	--	6
T019	CERCLA Site 33	Water Line Replacement Area	Prepare RI	--	6
T020	CERCLA Site 33	Water Line Replacement Area	Prepare RI	--	6
T055	CERCLA Site 24	Dry Cleaning Facility	Prepare RI	--	6
T056	CERCLA Site 24	Dry Cleaning Facility	Prepare RI	--	6
T056	CERCLA Site 33	Water Line Replacement Area	Prepare RI	--	6
T057	CERCLA Site 24	Dry Cleaning Facility	Prepare RI	--	6
T057	CERCLA Site 33	Water Line Replacement Area	Prepare RI	--	6
T058	CERCLA Site 24	Dry Cleaning Facility	Prepare RI	--	6
T058	CERCLA Site 33	Water Line Replacement Area	Prepare RI	--	6
T059	CERCLA Site 24	Dry Cleaning Facility	Prepare RI	--	6

TABLE 6-3: SUMMARY OF CERCLA SITES (Continued)

Final, Supplemental Environmental Baseline Survey, Naval Station Treasure Island

EBS Parcel	Identification	Location Description	Status	Closure Document	ECP Area Type*
T060	CERCLA Site 24	Dry Cleaning Facility	Prepare RI	--	6
T065	CERCLA Site 24	Dry Cleaning Facility	Prepare RI	--	6
T066	CERCLA Site 24	Dry Cleaning Facility	Prepare RI	--	6
T067	CERCLA Site 24	Dry Cleaning Facility	Prepare RI	--	6
T089	CERCLA Site 12	Old Bunker Area	Prepare RI	--	6
T089	CERCLA Site 31	Former South Storage Yard	Prepare RI	--	6
T092	CERCLA Site 01	Medical Clinic	NFA	DTSC 2002a	1
T092	CERCLA Site 31	Former South Storage Yard	Prepare RI	--	6
T094	CERCLA Site 30	Daycare Center	Prepare RI	--	6
T094	CERCLA Site 31	Former South Storage Yard	Prepare RI	--	6
T095	CERCLA Site 31	Former South Storage Yard	Prepare RI	--	6
T096	CERCLA Site 12	Old Bunker Area	Prepare RI	--	6
T097	CERCLA Site 12	Old Bunker Area	Prepare RI	--	6
T097	CERCLA Site 31	Former South Storage Yard	Prepare RI	--	6
T099	CERCLA Site 12	Old Bunker Area	Prepare RI	--	6
T100	CERCLA Site 12	Old Bunker Area	Prepare RI	--	6
T101	CERCLA Site 12	Old Bunker Area	Prepare RI	--	6
T102	CERCLA Site 12	Old Bunker Area	Prepare RI	--	6
T103	CERCLA Site 12	Old Bunker Area	Prepare RI	--	6
T104	CERCLA Site 12	Old Bunker Area	Prepare RI	--	6
T105	CERCLA Site 12	Old Bunker Area	Prepare RI	--	6
T107	CERCLA Site 12	Old Bunker Area	Prepare RI	--	6
T107	CERCLA Site 06	Fire Training School	Prepare RI	--	6
T108	CERCLA Site 06	Fire Training School	Prepare RI	--	6
T109	CERCLA Site 06	Fire Training School	Prepare RI	--	6
T110	CERCLA Site 06	Fire Training School	Prepare RI	--	6
T111	CERCLA Site 32	Former Training and Storage Area	Prepare RI	--	6
T111	CERCLA Site 06	Fire Training School	Prepare RI	--	6
T112	CERCLA Site 06	Fire Training School	Prepare RI	--	6
T113	CERCLA Site 07	Pesticide Storage Area	Requesting NFA	--	6
T114	CERCLA Site 10	Bus Painting Shop	Prepare PP	SulTech 2005a	6
T115	CERCLA Site 32	Former Training and Storage Area	Prepare RI	--	6
T116	CERCLA Site 03	PCB Equipment Storage Area	NFA	DTSC 2002b	1
T117	CERCLA Site 24	Dry Cleaning Facility	Prepare RI	--	6
YB001	CERCLA Site 28	West Side On/Off Ramp	Prepare RI	--	6
YB004	CERCLA Site 29	East Side On/Off Ramp	Prepare RI	--	6
YB010	CERCLA Site 28	West Side On/Off Ramp	Prepare RI	--	6

TABLE 6-3: SUMMARY OF CERCLA SITES (Continued)

Final, Supplemental Environmental Baseline Survey, Naval Station Treasure Island

EBS Parcel	Identification	Location Description	Status	Closure Document	ECP Area Type*
YB016	CERCLA Site 29	East Side On/Off Ramp	Prepare RI	--	6
YB017	CERCLA Site 29	East Side On/Off Ramp	Prepare RI	--	6
YB018	CERCLA Site 29	East Side On/Off Ramp	Prepare RI	--	6
YB023	CERCLA Site 29	East Side On/Off Ramp	Prepare RI	--	6
YB024	CERCLA Site 08	Army Point Sludge Disposal Area	Prepare RI	--	6
YB024	CERCLA Site 29	East Side On/Off Ramp	Prepare RI	--	6
YB025	CERCLA Site 11	YBI Landfill	Prepare RI	--	6
YB025	CERCLA Site 29	East Side On/Off Ramp	Prepare RI	--	6

Notes:

--	Site has not been closed at time of this SEBS
*	The ECP classifications identified in this table pertain only to CERCLA issues. For the overall ECP classification assigned to EBS Parcels, please refer to Table 8-1.
CERCLA	Comprehensive Environmental Response, Compensation, and Liability Act
DTSC	California Department of Toxic Substances Control
EBS	Environmental baseline survey
ECP	Environmental condition of property
FS	Feasibility study
Navy	U.S. Department of the Navy
NFA	No further action
PCB	Polychlorinated biphenyls
PP	Proposed plan
RI	Remedial investigation
ROD	Record of decision
YBI	Yerba Buena Island

References:

DTSC. 2002a. Letter titled “Approval of No Further Action for Site 01 (Former Medical Clinic in Building 257), Naval Station Treasure Island, San Francisco, California.” From Anthony J. Landis, P.E., Chief, Northern California Operations, Office of Military Facilities. To Mr. Scott D. Anderson, Remedial Project Manager, SWDIV. March 20.

DTSC. 2002b. Letter titled “Approval of No Further Action for Site 03 (Former Polychlorinated Biphenyl Storage Area), Naval Station Treasure Island, San Francisco, California.” From Anthony J. Landis, P.E., Chief, Northern California Operations, Office of Military Facilities. To Ms. Ellen Casados, Remedial Project Manager, SWDIV. March 20.

Navy. 2005b. "Installation Restoration Site 13, Offshore Sediments, Record of Decision, Former Naval Station, Treasure Island, San Francisco, California." April 7.

SulTech. 2005. "Revised Draft Final Supplemental Environmental Baseline Survey Treasure Island, San Francisco, California." Prepared for BRAC PMO West. March 10.

TABLE 6-4: STATUS OF PETROLEUM SITES

Final, Supplemental Environmental Baseline Survey, Naval Station Treasure Island

Petroleum Site	OU	Name	Description	Status as of June 2005	Anticipated Outcome	Estimated Site Closeout*
04/19	Onshore	Hydraulic Training School/Refuse Transfer Center	• Storage area • Transfer facility	• Closure report submitted requesting NFA. • The site received NFA concurrence from the Water Board on December 17, 2003 (Water Board 2003f).	NFA	Closed December 17, 2003
06	Onshore	Fire Training School	• Fire training operations yard • Burn areas lined with asphalt and concrete • Former USTs and OWSs	• Under the Petroleum program, a CAP was completed (Tetra Tech 2002). • PAHs investigated under EBS program. • Closure report for Petroleum Program to be prepared (including USTs 240A, 240B, 248A, 248B, 248C, and 248D). • Dioxins to be addressed under CERCLA program.	NFA with restrictions at property transfer	*NFA September 2005*
14/22	Onshore	New Fuel Farm/Navy Exchange Service Station	• Fuel storage and dispensing • Former fuel line and USTs • Former and existing ASTs	• Under the Petroleum program, a CAP was completed (Tetra Tech 2002). • A final closure report requesting NFA for petroleum contamination has been submitted. • The closure report includes USTs 85, 330A, 330B, 330E, and 330F.	NFA with restrictions at property transfer	*NFA July 2005*

TABLE 6-4: STATUS OF PETROLEUM SITES (Continued)

Final, Supplemental Environmental Baseline Survey, Naval Station Treasure Island

Petroleum Site	OU	Name	Description	Status as of June 2005	Anticipated Outcome	Estimated Site Closeout*
15	Onshore	Old Fuel Farm	• Fuel storage and distribution facility	• Under the Petroleum program, a CAP was completed (Tetra Tech 2002). • Final closure report and request for NFA submitted September 15, 2004. • Water Board concurrence on NFA received September 2004 (Water Board 2004j)	Deed notice for deep soil (8 feet bgs)	Closed September 2004
16	Onshore	Clipper Cove Tank Farm	• Aviation gasoline and automotive diesel storage	• Soil was excavated to remove nuisance TPH contamination. • Closure report requested NFA submitted April 27, 2004. • NFA letter received (Water Board 2004e)	NFA	Closed June 17, 2004
20	Onshore	Auto Hobby Shop and Transportation Center	• Garage and repair shop • Service station	• Closure report requested NFA submitted January 27, 2004. • NFA requested for USTs 225A-D by letter May 17, 2004. • NFA concurrence received June 17, 2004 (Water Board 2004f).	NFA	Closed June 17, 2004
25	Onshore	Seaplane Maintenance Area	• Vehicle and seaplane maintenance activities • Former fuel pumphouse • Suspected USTs • Former auxiliary boiler and associated AST	• Under the Petroleum program, a CAP was completed (Tetra Tech 2002). • AS/SVE, system shut down April 28, 2005. • Closure report in preparation.	NFA with restrictions at property transfer	*NFA September 2005*
26	Onshore	Underground Storage Tanks	• USTs Compliance Program	• Managed under the UST Compliance Program	NFA	Refer to Table 6-6 for UST information

TABLE 6-4: STATUS OF PETROLEUM SITES (Continued)

Final, Supplemental Environmental Baseline Survey, Naval Station Treasure Island

Petroleum Site	OU	Name	Description	Status as of June 2005	Anticipated Outcome	Estimated Site Closeout*
Causeway Pipeline	Onshore	Causeway Pipeline	• Causeway fuel line	• Closure report submitted requesting NFA. • The site received NFA concurrence from the Water Board March 11, 2003 (Water Board 2003a).	NFA	Closed March 11, 2003
Building 530 Pipeline	Onshore	Building 530 Pipeline	• Building 530 fuel line	• Closure report submitted requesting NFA June 11, 2003. • The site received NFA concurrence from the Water Board July 9, 2003.	NFA	Closed July 9, 2003
D1A	Onshore	Pipeline D1A	• Fuel line D1	• Under the Petroleum Program, a CAP for inactive fuel lines was completed (Tetra Tech 2003c). • Water Board concurrence received February 12, 2004.	NFA	Closed February 12, 2004
D1B	Onshore	Pipeline D1B	• Fuel line D1	• Under the Petroleum Program, a CAP for inactive fuel lines was completed (Tetra Tech 2003c). • Closure report submitted requesting NFA • Water Board recommended further investigation.	TBD	TBD
D1C	Onshore	Pipeline D1C	• Fuel line D1 • Removed ASTs	• Under the Petroleum Program, a CAP for inactive fuel lines was completed (Tetra Tech 2003c). • Water Board concurrence received February 12, 2004.	NFA	Closed February 12, 2004
D2A	Onshore	Pipeline D2A	• Fuel line D2 • Removed ASTs • Suspected removed UST	• Under the Petroleum Program, a CAP for inactive fuel lines was completed (Tetra Tech 2003c). • Water Board concurrence received February 12, 2004.	NFA	Closed February 12, 2004

TABLE 6-4: STATUS OF PETROLEUM SITES (Continued)
Final, Supplemental Environmental Baseline Survey, Naval Station Treasure Island

Petroleum Site	OU	Name	Description	Status as of June 2005	Anticipated Outcome	Estimated Site Closeout*
D2B	Onshore	Pipeline D2B	• Fuel line D2	• Under the Petroleum Program, a CAP for inactive fuel lines was completed (Tetra Tech 2003c). • Water Board concurrence received February 12, 2004.	NFA	Closed February 12, 2004
D4A	Onshore	Pipeline D4A	• Fuel line D4 • Closed-in-place UST	• Under the Petroleum Program, a CAP for inactive fuel lines was completed (Tetra Tech 2003c). • Water Board concurrence received February 12, 2004.	NFA	Closed February 12, 2004
D4B	Onshore	Pipeline D4B	• Fuel lines D4 • Removed UST • Suspected removed UST	• Under the Petroleum Program, a CAP for inactive fuel lines was completed (Tetra Tech 2003c). • Water Board concurrence received February 12, 2004.	NFA	Closed February 12, 2004
D5	Onshore	Pipeline D5	• Fuel line D5 • Suspected USTs • Inactive ASTs	• Under the Petroleum Program, a CAP for inactive fuel lines was completed (Tetra Tech 2003c). • Water Board concurrence received February 12, 2004.	NFA	Closed February 12, 2004
F2A	Onshore	Pipeline F2A	• Fuel line F02 • Suspected USTs	• Under the Petroleum Program, a CAP for inactive fuel lines was completed (Tetra Tech 2003c). • Draft Closure report requesting NFA submitted, included fuel line F2A/F2B, USTs 14A, 14B, and ASTs 103 and 104.	NFA	*NFA September 2005*

TABLE 6-4: STATUS OF PETROLEUM SITES (Continued)

Final, Supplemental Environmental Baseline Survey, Naval Station Treasure Island

Petroleum Site	OU	Name	Description	Status as of June 2005	Anticipated Outcome	Estimated Site Closeout*
F2B	Onshore	Pipeline F2B	• Fuel line F02 • Suspected USTs	• Under the Petroleum Program, a CAP for inactive fuel lines was completed (Tetra Tech 2003c). • Draft Closure report request-ing NFA submitted, included fuel line F2A/F2B, USTs 14A, 14B, and ASTs 103 and 104.	NFA	*NFA September 2005*
USCG	Onshore	USCG Pipeline	• Fuel line F03 • Removed USTs • Suspected USTs • Removed ASTs • YBI Landfill	• Under the Petroleum Program, a CAP for inactive fuel lines was completed (Tetra Tech 2003c). • Water Board requested additional investigation. • Investigation postponed pending Caltrans activities.	TBD	TBD
YF1	Onshore	Pipeline YF1	• Fuel line F01 • Closed-in-place USTs • TPH is soil	• Under the Petroleum Program, a CAP for inactive fuel lines was completed (Tetra Tech 2003c). • Water Board concurrence received February 12, 2004.	NFA	Closed February 12, 2004
YF2	Onshore	Pipeline YF2	• Fuel line F02 and F03 • Closed-in-place USTs • Inactive ASTs	• Under the Petroleum Program, a CAP for inactive fuel lines was completed (Tetra Tech 2003c). • Water Board requested additional investigation. • Water Board concurrence received for PAHs June 17, 2004.	NFA	NFA June 2004

TABLE 6-4: STATUS OF PETROLEUM SITES (Continued)

Final, Supplemental Environmental Baseline Survey, Naval Station Treasure Island

Petroleum Site	OU	Name	Description	Status as of June 2005	Anticipated Outcome	Estimated Site Closeout*
YF3	Onshore	Pipeline YF3	• Fuel lines F01 and F03 • Removed ASTs	• Under the Petroleum Program, a CAP for inactive fuel lines was completed (Tetra Tech 2003c). • Water Board recommended additional investigation. • Investigation postponed pending Caltrans activities.	TBD	TBD

Notes:

*	All estimated closeout dates are in italics
AS/SVE	Air sparging/soil vapor extraction
AST	Aboveground storage tank
bgs	Below ground surface
Caltrans	California Department Transportation
CERCLA	Comprehensive Environmental Response, Compensation, and Liability Act
CAP	Corrective action plan
EBS	Environmental baseline survey
IR	Installation restoration
NAVSTA TI	Naval Station Treasure Island
NFA	No further action
OU	Operable unit
OWS	Oil water separator
PAH	Polycyclic aromatic hydrocarbon
RPM	Regional project manager
SWDIV	Naval Facilities Engineering Command, Southwest Division
TBD	To be determined
Tetra Tech	Tetra Tech EM Inc.
TPH	Total petroleum hydrocarbons
USCG	U.S. Coast Guard
UST	Underground storage tank
Water Board	California Regional Water Quality Control Board
YBI	Yerba Buena Island

References:

Water Board. 2003a. Letter Regarding Concurrence on No Further Action, Causeway Pipeline Removal, Naval Station Treasure Island, San Francisco. From Sarah Raker, Engineering Geologist, Water Board. To Ellen Casados, RPM, SWDIV. March 11.

Water Board. 2003f. Letter Regarding Concurrence on Request for No Further Action, Site 4 and 19, NAVSTA TI, San Francisco. From Sarah Raker, Engineering Geologist, Water Board. To Ellen Casados, RPM, SWDIV. December 17.

Water Board. 2004e. Letter Regarding Concurrence on No Further Action, Site 16, Naval Station Treasure Island, San Francisco. From Sarah Raker, Engineering Geologist, Water Board. To Ellen Casados, RPM, SWDIV. June 17.

Water Board. 2004f. Letter Regarding Concurrence on Request for No Further Action, Site 20, Naval Station Treasure Island, San Francisco. From Sarah Raker, Engineering Geologist, Water Board. To Ellen Casados, RPM, SWDIV. June 17.

Water Board. 2004j. Letter Regarding Concurrence on Request for No Further Action, Site 15, NAVSTA TI, San Francisco. From Alan D. Friedman Water Resource Control Engineer. To Ellen Casados, RPM, SWDIV. September.

Tetra Tech. 2002. "Final Corrective Action Plan, Sites 06, 14/22, 15, and 25, Naval Station Treasure Island." June 28.

Tetra Tech. 2003c. “Final Corrective Action Plan, Inactive Fuel Lines, Naval Station Treasure Island.” December 1.

TABLE 6-5: SUMMARY OF PETROLEUM SITES

Final, Supplemental Environmental Baseline Survey, Naval Station Treasure Island

EBS Parcel	Identification	Status	Closure Document	ECP Area Type*
T001	Causeway Pipeline	NFA	Water Board 2003a	2
T002	Causeway Pipeline	NFA	Water Board 2003a	2
T005	Causeway Pipeline	NFA	Water Board 2003a	3
T006	Petroleum Site 25	Prepare report	--	2
T006	Causeway Pipeline	NFA	Water Board 2003a	2
T008	Petroleum Site D1C	NFA	Tetra Tech 2003c; Water Board 2004a	2
T009	Petroleum Site D1C	NFA	Tetra Tech 2003c; Water Board 2004a	2
T010	Petroleum Site D1C	NFA	Tetra Tech 2003c; Water Board 2004a	2
T010	Petroleum Site 15	NFA	Water Board 2004i	2
T010	Petroleum Site D1B	Continued field work	Shaw 2005b	2
T011	Petroleum Site D1B	Continued field work	Shaw 2005b	2
T012	Petroleum Site D1B	Continued field work	Shaw 2005b	2
T012	Petroleum Site F2A	Prepare report	--	2
T015	Petroleum Site D5	NFA	Tetra Tech 2003c; Water Board 2004a	2
T015	Building 530 Pipeline	NFA	Water Board 2003b	2
T016	Petroleum Site 15	NFA	Water Board 2004i	2
T017	Petroleum Site D5	NFA	Tetra Tech 2003c; Water Board 2004a	2
T017	Petroleum Site 15	NFA	Water Board 2004i	2
T018	Petroleum Site 15	NFA	Water Board 2004i	2
T018	Petroleum Site D5	NFA	Tetra Tech 2003c; Water Board 2004a	2
T019	Building 530 Pipeline	NFA	Water Board 2003b	2
T020	Building 530 Pipeline	NFA	Water Board 2003b	2
T020	Petroleum Site D5	NFA	Tetra Tech 2003c; Water Board 2004a	2
T023	Petroleum Site D5	NFA	Tetra Tech 2003c; Water Board 2004a	2
T024	Petroleum Site D5	NFA	Tetra Tech 2003c; Water Board 2004a	2
T025	Petroleum Site D5	NFA	Tetra Tech 2003c; Water Board 2004a	2

TABLE 6-5: SUMMARY OF PETROLEUM SITES (Continued)

Final, Supplemental Environmental Baseline Survey, Naval Station Treasure Island

EBS Parcel	Identification	Status	Closure Document	ECP Area Type*
T026	Petroleum Site D5	NFA	Tetra Tech 2003c; Water Board 2004a	2
T027	Petroleum Site D5	NFA	Tetra Tech 2003c; Water Board 2004a	2
T031	Petroleum Site D2B	NFA	Tetra Tech 2003c; Water Board 2004a	2
T032	Petroleum Site D2B	NFA	Tetra Tech 2003c; Water Board 2004a	2
T034	Petroleum Site D2B	NFA	Tetra Tech 2003c; Water Board 2004a	2
T035	Petroleum Site D2B	NFA	Tetra Tech 2003c; Water Board 2004a	2
T037	Petroleum Site D2B	NFA	Tetra Tech 2003c; Water Board 2004a	2
T041	Petroleum Site D2A	NFA	Tetra Tech 2003c; Water Board 2004a	2
T042	Petroleum Site D2A	NFA	Tetra Tech 2003c; Water Board 2004a	2
T042	Petroleum Site D5	NFA	Tetra Tech 2003c; Water Board 2004a	2
T042	Petroleum Site F2B	Prepare report	--	2
T048	Petroleum Site D2A	NFA	Tetra Tech 2003c; Water Board 2004a	2
T048	Petroleum Site F2B	Prepare report	--	2
T049	Petroleum Site F2B	Prepare report	--	2
T050	Petroleum Site D4B	NFA	Tetra Tech 2003c; Water Board 2004a	2
T052	Petroleum Site D4A	NFA	Tetra Tech 2003c; Water Board 2004a	2
T053	Petroleum Site D4A	NFA	Tetra Tech 2003c; Water Board 2004a	2
T054	Petroleum Site D4A	NFA	Tetra Tech 2003c; Water Board 2004a	2
T055	Petroleum Site D4B	NFA	Tetra Tech 2003c; Water Board 2004a	2
T055	Petroleum Site D4A	NFA	Tetra Tech 2003c; Water Board 2004a	2
T056	Petroleum Site D5	NFA	Tetra Tech 2003c; Water Board 2004a	2
T056	Petroleum Site F2A	Prepare report	--	2

TABLE 6-5: SUMMARY OF PETROLEUM SITES (Continued)

Final, Supplemental Environmental Baseline Survey, Naval Station Treasure Island

EBS Parcel	Identification	Status	Closure Document	ECP Area Type*
T056	Petroleum Site 19	NFA	Water Board 2003h	2
T056	Petroleum Site F2B	Prepare report	--	2
T056	Building 530 Pipeline	NFA	Water Board 2003b	2
T056	Petroleum Site D4B	NFA	Tetra Tech 2003c; Water Board 2004a	2
T057	Petroleum Site F2B	Prepare report	--	2
T058	Petroleum Site F2B	Prepare report	--	2
T059	Petroleum Site D4B	NFA	Tetra Tech 2003c; Water Board 2004a	2
T059	Petroleum Site F2B	NFA	Tetra Tech 2003c; Water Board 2004a	2
T059	Petroleum Site D4A	NFA	Tetra Tech 2003c; Water Board 2004a	2
T060	Petroleum Site D4B	NFA	Tetra Tech 2003c; Water Board 2004a	2
T061	Petroleum Site D4A	NFA	Tetra Tech 2003c; Water Board 2004a	2
T061	Petroleum Site D4B	NFA	Tetra Tech 2003c; Water Board 2004a	2
T062	Petroleum Site D4A	NFA	Tetra Tech 2003c; Water Board 2004a	2
T062	Petroleum Site D4B	NFA	Tetra Tech 2003c; Water Board 2004a	2
T063	Petroleum Site D4A	NFA	Tetra Tech 2003c; Water Board 2004a	2
T065	Petroleum Site 04	NFA	Water Board 2003h	2
T066	Petroleum Site 19	NFA	Water Board 2003h	2
T066	Petroleum Site 04	NFA	Water Board 2003h	2
T067	Petroleum Site F2B	Prepare report	--	2
T067	Petroleum Site F2A	Prepare report	--	2
T067	Petroleum Site 04	NFA	Water Board 2003h	2
T067	Petroleum Site 19	NFA	Water Board 2003h	2
T068	Petroleum Site D1A	NFA	Tetra Tech 2003c; Water Board 2004a	2
T070	Petroleum Site D1A	NFA	Tetra Tech 2003c; Water Board 2004a	2
T074	Petroleum Site 22	Requesting NFA	--	2

TABLE 6-5: SUMMARY OF PETROLEUM SITES (Continued)

Final, Supplemental Environmental Baseline Survey, Naval Station Treasure Island

EBS Parcel	Identification	Status	Closure Document	ECP Area Type*
T074	Petroleum Site D1A	NFA	Tetra Tech 2003c; Water Board 2004a	2
T074	Petroleum Site 14	Requesting NFA	--	2
T076	Petroleum Site 14	Requesting NFA	--	2
T081	Petroleum Site D4A	NFA	Tetra Tech 2003c; Water Board 2004a	2
T084	Petroleum Site D4A	NFA	Tetra Tech 2003c; Water Board 2004a	2
T097	Petroleum Site 20	NFA	Water Board 2004g	2
T101	Petroleum Site 20	NFA	Water Board 2004g	2
T108	Petroleum Site 06	Prepare RI	--	6
T117	Petroleum Site 04	NFA	Water Board 2003h	2
T117	Petroleum Site D1A	NFA	Tetra Tech 2003c; Water Board 2004a	2
T120	Petroleum Site D1A	NFA	Tetra Tech 2003c; Water Board 2004a	2
YB001	Causeway Pipeline	NFA	Water Board 2003a	2
YB002	Causeway Pipeline	NFA	Water Board 2003a	2
YB002	Petroleum Site 16	NFA	Water Board 2004f	2
YB003	Petroleum Site YF1	NFA	Tetra Tech 2003c; Water Board 2004a	2
YB004	Petroleum Site YF1	NFA	Tetra Tech 2003c; Water Board 2004a	2
YB007	Petroleum Site YF1	NFA	Tetra Tech 2003c; Water Board 2004a	2
YB008	Petroleum Site YF1	NFA	Tetra Tech 2003c; Water Board 2004a	2
YB011	Petroleum Site YF1	NFA	Tetra Tech 2003c; Water Board 2004a	2
YB012	Petroleum Site YF1	NFA	Tetra Tech 2003c; Water Board 2004a	2
YB016	Petroleum Site YF1	NFA	Tetra Tech 2003c; Water Board 2004a	2
YB017	Petroleum Site USCG	TBD	--	2
YB019	Petroleum Site YF2	NFA	Water Board 2004h	2
YB019	Petroleum Site YF1	NFA	Tetra Tech 2003c; Water Board 2004a	2

TABLE 6-5: SUMMARY OF PETROLEUM SITES (Continued)

Final, Supplemental Environmental Baseline Survey, Naval Station Treasure Island

EBS Parcel	Identification	Status	Closure Document	ECP Area Type*
YB020	Petroleum Site YF1	NFA	Tetra Tech 2003c; Water Board 2004a	2
YB020	Petroleum Site YF2	NFA	Water Board 2004h	2
YB020	Petroleum Site YF3	Continued field work	--	2
YB021	Petroleum Site YF2	NFA	Water Board 2004h	2
YB021	Petroleum Site YF3	Continued field work	--	2
YB022	Petroleum Site YF3	Continued field work	--	2
YB023	Petroleum Site USCG	TBD	--	2
YB024	Petroleum Site YF3	Continued field work	--	2
YB024	Petroleum Site USCG	TBD	--	2

TABLE 6-5: SUMMARY OF PETROLEUM SITES (Continued)

Final, Supplemental Environmental Baseline Survey, Naval Station Treasure Island

Notes:

--	Site has not been closed at time of this SEBS
*	The ECP classifications identified in this table pertain only to the petroleum issues. For the overall ECP classification assigned to EBS Parcels, please refer to Table 8-1.
EBS	Environmental baseline survey
ECP	Environmental condition of property
NFA	No further action
RWQCB	San Francisco Bay Regional Water Quality Control Board
Shaw	Shaw Environmental Inc.
Tetra Tech	Tetra Tech EMI Inc.
USCG	U.S. Coast Guard
Water Board	San Francisco Bay Regional Water Quality Control Board

References:

Shaw. 2005b. "Final Closure Report Site D1B Request for No Further Action for Shallow Soils, NAVSTA TI, San Francisco." March 18.

Tetra Tech. 2003c. “Final Corrective Action Plan, Inactive Fuel Lines, Naval Station Treasure Island.” December.

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Water Board. 2003g. Letter Regarding Concurrence on Request for No Further Action, Site 4 and 19, NAVSTA TI, San Francisco. From Sarah Raker, Engineering Geologist, Water Board. To Ellen Casados, RPM, SWDIV. December 17.

Water Board. 2004a. Letter Regarding Concurrence on Final Corrective Action Plan (CAP), Inactive Fuel Lines, NAVSTA TI, San Francisco. From Sarah Raker, Engineering Geologist, Water Board. To Ellen Casados, RPM, SWDIV. February 10.

Water Board. 2004f. “Concurrence on No Further Action, Sites 16, Naval Station Treasure Island, San Francisco.” June 17.

Water Board. 2004g. “Concurrence on No Further Action, Site 20, Naval Station Treasure Island, San Francisco.” June 17.

Water Board. 2004h. Letter Regarding Concurrence on Request for No Further Action, Site YF2, Station Treasure Island, San Francisco. From Sarah Raker, Engineering Geologist, Water Board. To Ellen Casados, RPM, SWDIV. June 17.

Water Board. 2004i. Letter Regarding Concurrence on Request for No Further Action, Site 15, NAVSTA TI, San Francisco. From Alan D. Friedman Water Resource Control Engineer. To Ellen Casados, RPM, SWDIV. September.

TABLE 6-6: SUMMARY OF UNDERGROUND STORAGE TANKS

Final, Supplemental Environmental Baseline Survey, Naval Station Treasure Island

EBS Parcel	ID	Material Stored/ Disposed	Capacity (gallons)	Tank Status	Regulatory Closure	Potential for Contamination Observed	Associated Site	Closure Document	ECP Area Type*
T002	UST 1A	Diesel fuel	3,000	Removed	Closed	No; corrosion holes, pits and soil discoloration were not observed.	NA	Water Board 2002a	2
T002	UST 1B	Diesel fuel	1,000	Removed	Closed	No; corrosion holes, pits and soil discoloration were not observed.	NA	Water Board 1996	2
T002	UST 1C	Diesel fuel	500	Removed	Closed	No; corrosion holes, pits and soil discoloration were not observed.	NA	Water Board 1996	2
T002	UST 1D	Diesel fuel	500	Removed	Closed	No; corrosion holes, pits and soil discoloration were not observed.	NA	Water Board 1996	2
T002	UST 1E	Diesel fuel	900	Removed	Closed	No; corrosion holes, pits, and soil discoloration were not observed, but diesel was detected in soil samples (4,200 mg/kg)	NA	Water Board 2002a	2
T002	UST 1F	Diesel fuel	100	Removed	Closed	No; corrosion holes, pits and soil discoloration were not observed.	NA	Water Board 1996	2
T002	UST 1G(469)	Diesel fuel	2,000	Removed	Closed	No; corrosion holes, pits and soil discoloration were not observed.	NA	CCSFDPH2000	1
T005	UST 180A	Diesel fuel	2,000	Removed	Closed	No; corrosion holes, pits and soil discoloration were not observed.	NA	Water Board 1996	2
T005	UST 180D	Gasoline	5,000	Removed	Closed	No; release not indicated by soil sampling.	NA	Water Board 1997	2
T005	UST 180E	Diesel fuel	5,000	Removed	Closed	No; release not indicated by soil sampling.	NA	Water Board 1997	2

TABLE 6-6: SUMMARY OF UNDERGROUND STORAGE TANKS (Continued)

Final, Supplemental Environmental Baseline Survey, Naval Station Treasure Island

EBS Parcel	ID	Material Stored/ Disposed	Capacity (gallons)	Tank Status	Regulatory Closure	Potential for Contamination Observed	Associated Site	Closure Document	ECP Area Type*
T005	UST 180F	NA	Unknown	Previously suspected	NFA concurrence	Tank did not exist.	NA	Water Board 2003f	1
T005	UST 180G	NA	Unknown	Previously suspected	NFA concurrence	Tank did not exist.	NA	Water Board 2003f	1
T006	UST 2A	Kerosene	70	Removed	Closed	No; corrosion holes, pits and soil discoloration were not observed.	NA	Water Board 1996	2
T006	UST 2B	Diesel fuel	Unknown	Suspected removed	Proposed NFA	No; release not indicated by soil and groundwater sampling.	Petroleum Site 25	Petroleum CAP Site 25 Closure Report (Pending)	2
T006	UST 2C	Diesel fuel	1,500	Removed	Closed	Yes; visual soil contamination observed near fill pipe and soil discoloration and odor observed during tank removal.	NA	Water Board 2002a	2
T006	UST 2D	Diesel fuel	500	Removed	Closed	No; corrosion holes, pits and soil discoloration were not observed.	NA	Water Board 1996	2
T006	UST 143-A	Aviation fuel	4,000	Suspected removed	Preparing report	Yes; confirmed through soil and groundwater sampling.	Petroleum Site 25	Petroleum CAP Site 25 Closure Report (Pending)	2
T006	UST 143-B	Aviation fuel	4,000	Suspected removed	Preparing report	Yes; confirmed through soil and groundwater sampling.	Petroleum Site 25	Petroleum CAP Site 25 Closure Report (Pending)	2

TABLE 6-6: SUMMARY OF UNDERGROUND STORAGE TANKS (Continued)

Final, Supplemental Environmental Baseline Survey, Naval Station Treasure Island

EBS Parcel	ID	Material Stored/ Disposed	Capacity (gallons)	Tank Status	Regulatory Closure	Potential for Contamination Observed	Associated Site	Closure Document	ECP Area Type*
T006	UST 143-C	Aviation fuel	4,000	Suspected removed	Preparing report	Yes; confirmed through soil and groundwater sampling.	Petroleum Site 25	Petroleum CAP Site 25 Closure Report (Pending)	2
T006	UST 143-D	Aviation fuel	4,000	Suspected removed	Preparing report	Yes; confirmed through soil and groundwater sampling.	Petroleum Site 25	Petroleum CAP Site 25 Closure Report (Pending)	2
T006	UST 143-E	Aviation fuel	4,000	Suspected removed	Preparing report	Yes; confirmed through soil and groundwater sampling.	Petroleum Site 25	Petroleum CAP Site 25 Closure Report (Pending)	2
T006	UST 143-F	Aviation fuel	4,000	Suspected removed	Preparing report	Yes; confirmed through soil and groundwater sampling.	Petroleum Site 25	Petroleum CAP Site 25 Closure Report (Pending)	2
T006	UST 143-G	Aviation fuel	4,000	Suspected removed	Preparing report	Yes; confirmed through soil and groundwater sampling.	Petroleum Site 25	Petroleum CAP Site 25 Closure Report (Pending)	2
T006	UST 143-H	Aviation fuel	4,000	Suspected removed	Preparing report	Yes; confirmed through soil and groundwater sampling.	Petroleum Site 25	Petroleum CAP Site 25 Closure Report (Pending)	2

TABLE 6-6: SUMMARY OF UNDERGROUND STORAGE TANKS (Continued)

Final, Supplemental Environmental Baseline Survey, Naval Station Treasure Island

EBS Parcel	ID	Material Stored/ Disposed	Capacity (gallons)	Tank Status	Regulatory Closure	Potential for Contamination Observed	Associated Site	Closure Document	ECP Area Type*
T006	UST 143-I	Aviation fuel	4,000	Suspected removed	Preparing report	Yes; confirmed through soil and groundwater sampling.	Petroleum Site 25	Petroleum CAP Site 25 Closure Report (Pending)	2
T006	UST 145	NA	Unknown	Previously suspected	NFA concurrence	Tank did not exist	Petroleum Site 25	Water Board 2003f	1
T006	UST 180B	Diesel fuel	2,000	Removed	Closed	Yes; diesel contamination observed during excavation.	NA	Water Board 1996	2
T006	UST 180C	Waste oil	4,000	Removed	Draft report submitted	Yes; excavated soil appeared to be contaminated and odor observed.	NA	NFA request pending	2
T008	UST 3A	Coolant	Unknown	Never existed	NFA concurrence	Tank did not exist	NA	Water Board 2003f	1
T008	UST 3B	Coolant	Unknown	Never existed	NFA concurrence	Tank did not exist	NA	Water Board 2003f	1
T012	UST 7 (TI)	NA	Unknown	Previously suspected	NFA concurrence	Tank did not exist	Petroleum Site D1B	Water Board 2003f	1
T023	UST 450	NA	Unknown	Previously suspected	NFA concurrence	Tank did not exist.	Petroleum Site D5	Water Board 2003e	1
T024	UST 15	Unknown	Unknown	Suspected removed	NFA concurrence	No; release not indicated by soil and groundwater sampling.	Petroleum Site D5	Water Board 2004a	1
T027	UST 140	Fuel oil	900	Suspected removed	NFA concurrence	No potential for contamination, based on investigation and soil sampling.	NA	Water Board 2004d	2

TABLE 6-6: SUMMARY OF UNDERGROUND STORAGE TANKS (Continued)

Final, Supplemental Environmental Baseline Survey, Naval Station Treasure Island

EBS Parcel	ID	Material Stored/ Disposed	Capacity (gallons)	Tank Status	Regulatory Closure	Potential for Contamination Observed	Associated Site	Closure Document	ECP Area Type*
T031	UST 227	Diesel fuel	1,000	Removed	NFA	Yes; excavated materials emitted diesel odor and showed discoloration, and numerous holes observed in tank.	NA	Water Board 2004j	2
T034	UST 452	NA	Unknown	Never existed	NFA concurrence	Tank did not exist.	NA	Water Board 2003f	1
T034	UST 453	NA	Unknown	Never existed	NFA concurrence	Tank did not exist.	NA	Water Board 2003f	1
T055	UST 29	Fuel oil	1,000	Suspected removed	NFA concurrence	Yes; confirmed through soil and groundwater sampling	CERCLA Site 24 and Petroleum Site D4B	Water Board 2004a	2
T056	UST 230 (TI)	Fuel oil	1,000	Removed	Closed	Yes; small holes and corrosion were observed on tank and diesel detected in spoils pile	CERCLA Site 24 and Petroleum Site D4B	Water Board 1997	2
T056	UST 234	Diesel fuel	600	Removed	NFA concurrence	No; no sign of contamination (staining or odor) was observed during removal	CERCLA Site 24 and Petroleum Site F2B	Water Board 2003e	2
T067	UST 14A	Unknown	Unknown	Suspected removed	Proposed NFA	No; release not indicated by soil and groundwater sampling	CERCLA Site 24 and Petroleum Site F2A	--	1
T067	UST 14B	Unknown	Unknown	Suspected removed	Proposed NFA	No; release not indicated by soil and groundwater sampling	CERCLA Site 24 and Petroleum Site F2A	--	1
T074	UST 330A	Diesel fuel/Gasoline	550	Removed	Preparing report	Yes; diesel spill during removal and strong odor emitted by soil samples.	Petroleum Site 14/22	Petroleum CAP Site 14/22 Closure Report (Pending)	2

TABLE 6-6: SUMMARY OF UNDERGROUND STORAGE TANKS (Continued)

Final, Supplemental Environmental Baseline Survey, Naval Station Treasure Island

EBS Parcel	ID	Material Stored/ Disposed	Capacity (gallons)	Tank Status	Regulatory Closure	Potential for Contamination Observed	Associated Site	Closure Document	ECP Area Type*
T074	UST 330B	Diesel fuel/Gasoline	550	Removed	Preparing report	Yes; diesel spill during removal and strong odor emitted by soil samples.	Petroleum Site 14/22	Petroleum CAP Site 14/22 Closure Report (Pending)	2
T074	UST 330C	Waste oil	250	Removed	Closed	Yes; visible soil contamination observed in excavation pit.	Petroleum Site 14/22	Water Board 1996	2
T074	UST 330E	Diesel fuel/Gasoline	550	Removed	Preparing report	Yes; diesel spill during removal and strong odor emitted by soil samples and holes observed in tank.	Petroleum Site 14/22	Petroleum CAP Site 14/22 Closure Report (Pending)	2
T074	UST 330F	Diesel fuel/Gasoline	550	Removed	Preparing report	Yes; diesel spill during removal and strong odor emitted by soil samples.	Petroleum Site 14/22	Petroleum CAP Site 14/22 Closure Report (Pending)	2
T076	UST 85	Waste oil	1,000	Removed	Preparing report	Yes; diesel detected in soil samples (9,100 mg/kg)	Petroleum Site 14/22	Petroleum CAP Site 14/22 Closure Report (Pending)	2
T076	UST 330D	Diesel fuel	10,000	Removed	Closed	No; corrosion holes, pits and soil discoloration were not observed.	Petroleum Site 14/22	Water Board 1996	2
T076	UST FF8	NA	Unknown	Previously suspected	NFA concurrence	Tank did not exist.	Petroleum Site 14/22	Water Board 2003f	1

TABLE 6-6: SUMMARY OF UNDERGROUND STORAGE TANKS (Continued)

Final, Supplemental Environmental Baseline Survey, Naval Station Treasure Island

EBS Parcel	ID	Material Stored/ Disposed	Capacity (gallons)	Tank Status	Regulatory Closure	Potential for Contamination Observed	Associated Site	Closure Document	ECP Area Type*
T084	UST 201	Diesel fuel	2,000	Closed-in-place	Closed	Yes; diesel detected in soil samples (7,700 mg/kg)	Petroleum Site D4A	Water Board 2004b	2
T092	UST 257	Diesel fuel	550	Removed	Closed	No; excavated soils used for backfill.	NA	Water Board 1997	2
T097	UST 225A	Diesel fuel	2,200	Removed	Closed	Yes; high concentrations of TPH identified in soil and several holes observed in tank	Petroleum Site 20	Water Board 2004c	2
T097	UST 225B	Gasoline	1,000	Removed	Closed	Yes; high concentrations of TPH identified in soil	Petroleum Site 20	Water Board 2004c	2
T097	UST 225C	Gasoline	5,000	Removed	Closed	Yes; high concentrations of TPH identified in soil	Petroleum Site 20	Water Board 2004c	2
T097	UST 225D	Gasoline	1,000	Removed	Closed	Yes; high concentrations of TPH identified in soil	Petroleum Site 20	Water Board 2004c	2
T097	UST 267	NA	Unknown	Previously suspected	NFA concurrence	Tank did not exist	Petroleum Site 20	Water Board 2003f	1
T108	UST 240A	Diesel fuel/gasoline	1,500	Removed	Preparing report	Yes; numerous holes observed in the tank and diesel odor and soil discoloration observed	Site 06	See Site 6	2
T108	UST 240B	Diesel fuel/gasoline	1,500	Removed	Preparing report	Yes; numerous holes observed in the tank and diesel odor and soil discoloration observed	Site 06	See Site 6	2
T108	UST 248A (240C)	Diesel fuel	1,500	Removed	Preparing report	Yes; diesel detected in soil samples (21,000 mg/kg)	Petroleum Site 6	See Petroleum Site 6	2

TABLE 6-6: SUMMARY OF UNDERGROUND STORAGE TANKS (Continued)

Final, Supplemental Environmental Baseline Survey, Naval Station Treasure Island

EBS Parcel	ID	Material Stored/ Disposed	Capacity (gallons)	Tank Status	Regulatory Closure	Potential for Contamination Observed	Associated Site	Closure Document	ECP Area Type*
T108	UST 248B (240D)	Diesel fuel	1,500	Removed	Preparing report	Yes; diesel detected in soil samples (8,000 mg/kg)	Petroleum Site 6	See Petroleum Site 6	2
T108	UST 248C	Waste oil	600	Removed	Preparing report	No; no pits or holes observed in tank, inside of tank was dry prior to removal, even though buried below groundwater level, and tank was buried in a known area of deep soil and groundwater contamination (with other nearby sources)	Petroleum Site 6	See Petroleum Site 6	2
T108	UST 248D	Waste oil	1,000	Removed	Preparing report	No; no pits or holes observed in tank.	Petroleum Site 6	See Petroleum Site 6	2
T108	UST M	Coolant	Unknown	Previously suspected	NFA concurrence	Tank did not exist	NA	Water Board 2003f	1
T109	UST 461	NA	Unknown	Previously suspected	NFA concurrence	Tank did not exist	NA	Water Board 2003f	1
YB008	UST 221	NA	300	Removed	NFA concurrence	No; release not indicated by sampling	NA	Water Board 2004d	2
YB011	UST 66	Diesel fuel	2,000	Closed-in-place	Closed	No; soil was excavated from the site	Petroleum Site YF1	Water Board 2002c	2
YB011	UST 111	Diesel fuel	37,500	Closed-in-place	Closed	Yes; debris collected from tank showed evidence of contamination and strong diesel odor observed	Petroleum Site YF1	Water Board 1996	2
YB013	UST 62	Fuel oil	350	Closed-in-place	NFA concurrence	No; soil and groundwater samples were not collected	NA	Water Board 2002b	2

TABLE 6-6: SUMMARY OF UNDERGROUND STORAGE TANKS (Continued)

Final, Supplemental Environmental Baseline Survey, Naval Station Treasure Island

EBS Parcel	ID	Material Stored/ Disposed	Capacity (gallons)	Tank Status	Regulatory Closure	Potential for Contamination Observed	Associated Site	Closure Document	ECP Area Type*
YB016	UST 240	Fuel oil	1,000	Closed-in-place	NFA concurrence	No; soil and groundwater samples were not collected	NA	Water Board 2002b	2
YB019	UST 1	Fuel oil	225	Closed-in-place	NFA concurrence	No; soil and groundwater samples were not collected	Petroleum Site YF2	Water Board 2002b	2
YB019	UST 2	Fuel oil	250	Closed-in-place	NFA concurrence	No; soil and groundwater samples were not collected	Petroleum Site YF2	Water Board 2002b	2
YB019	UST 3	Fuel oil	250	Closed-in-place	NFA concurrence	No; soil and groundwater samples were not collected	Petroleum Site YF2	Water Board 2002b	2
YB019	UST 4	Fuel oil	175	Closed-in-place	NFA concurrence	No; soil and groundwater samples were not collected	Petroleum Site YF2	Water Board 2002b	2
YB019	UST 5	Fuel oil	175	Closed-in-place	NFA concurrence	No; soil and groundwater samples were not collected	Petroleum Site YF2	Water Board 2002b	2
YB019	UST 6	Fuel oil	225	Closed-in-place	NFA concurrence	No; soil and groundwater samples were not collected	Petroleum Site YF2	Water Board 2002b	2
YB019	UST 7 (YBI)	Fuel oil	225	Closed-in-place	NFA concurrence	No; soil and groundwater samples were not collected	Petroleum Site YF2	Water Board 2002b	2
YB019	UST 10	Fuel oil	250	Closed-in-place	NFA concurrence	No; soil and groundwater samples were not collected	NA	Water Board 2002b	2
YB019	UST 57	Diesel fuel	500	Removed	NFA concurrence	No; release not indicated by soil sampling	NA	Water Board 2003e	1

TABLE 6-6: SUMMARY OF UNDERGROUND STORAGE TANKS (Continued)

Final, Supplemental Environmental Baseline Survey, Naval Station Treasure Island

EBS Parcel	ID	Material Stored/ Disposed	Capacity (gallons)	Tank Status	Regulatory Closure	Potential for Contamination Observed	Associated Site	Closure Document	ECP Area Type*
YB019	UST 230 (YBI)	Fuel oil	300	Suspected removed	NFA concurrence	No; release not indicated by soil sampling	NA	Water Board 2004d	2
YB020	UST 169	Diesel fuel	10,000	Closed-in-place	Closed	No; tank surrounded by concrete block	Petroleum Site YF2	Water Board 1996	2

TABLE 6-6: SUMMARY OF UNDERGROUND STORAGE TANKS (Continued)

Notes:

--	Site not closed at the time of the SEBS
*	The ECP classifications identified in this table pertain only to the UST issues. For the overall ECP classification assigned to EBS Parcels, please refer to Table 8-1.
CAP	Corrective action plan
CCSF	City and County of San Francisco
CERCLA	Comprehensive Environmental Response, Compensation, and Liability Act
DoD	Department of Defense
EBS	Environmental baseline survey
ECP	Environmental condition of property
ID	Identification
mg/kg	Milligrams per kilogram
NA	Not applicable
NAVSTA TI	Naval Station Treasure Island
Navy	U.S. Department of the Navy
NFA	No further action
SEBS	Supplemental environmental baseline survey
Shaw	Shaw Environmental Inc.
SWDIV	Southwest Division
TI	Treasure Island
TPH	Total petroleum hydrocarbon
UST	Underground storage tank
Water Board	San Francisco Bay Regional Water Quality Control Board
YBI	Yerba Buena Island

Notes on tank status:

"Closed" status indicates a belief by the Navy that a tank that had a release to the environment is "closed" pursuant to California Title 23.

"Never existed" status indicates a belief by the Navy that a tank was planned but was never installed (identified on drawings, but not confirmed on as-builts or other later investigations)

"No further action" status indicates a belief by the Navy that a tank was either a home heating oil tank or a tank where no release occurred.

"Previously suspected" status indicates a tank that the Navy previously believed existed, but more recent information indicates it never existed.

"Proposed NFA" status indicates the Navyt has sent a report to the Water Board requesting No Further Action and is awaiting the Water Board's evaluation and concurrence.

"Removed" status inducates a tank was removed from the site.

"Suspected" status indicates a belief by the Navy that a tank is suspected to have existed but was removed previously or may have been abandoned.

"Suspected removed" status indicates a belief by the Navy that a tank that can't be found, but is identified somehow, and investigations to date are unable to locate that tank, therefore it is supected removed.

"Unknown" status indicates uncertainty by the Navy as to whether a tank existed.

The rationale for assigning each UST's status is presented in greater detail in the "Final Facility-wide Underground Storage Tank Summary Report Update" (Shaw 2004b).

References:

CCSFDPH 2000. "Notice of Completion Underground Storage Tank Removal (Tank 469)." July 7.

Water Board. 1996. Letter Regarding UST Case Closure (Tanks 1B, 1C, 1D, 1F, 2A, 2D, 111, 169, 180A, 180B, 330C, 330D), NAVSTA TI. From Loretta K. Barsamian, Executive Officer, Water Board. To Baha Zarah, EFA WEST. July 22.

Water Board 1997. Letter Regarding UST Case Closure (Tanks 8 [Qtr 8, QR08], 230, 257, 180D, 180E) NAVSTA TI, San Francisco, CA. From Richard McMurtry, Groundwater Protection and Waste, Containment Division Chief, Water Board. To John Pfister, Navy, EFA West. October 3.

Water Board. 2002a. Letter Regarding Concurrence on Request for No Further Action, Home Heating Oil Tanks, Yerba Buena Island, NAVSTA TI, San Francisco (Tanks 1, 2, 3, 4, 5, 6, 7, 9, 10, 62, 240). From Sarah Raker, Associate Engineering Geologist, Water Board. To Ellen Casados, Remedial Project Manager, SWDIV. July 23.

TABLE 6-6: SUMMARY OF UNDERGROUND STORAGE TANKS (Continued)

Water Board. 2002b. Letter Regarding Closure Letter for DoD USTs [UST 66] at NAVSTA TI, San Francisco California. From Loretta Barsamian, Executive Officer, Water Board. To Ellen Casados, Remedial Project Manager, SWDIV. October 23.

Water Board 2002c. Letter Regarding Case Closure Letter for DoD UST at NAVSTA TI including UST 66. From Loretta Barsamian, Executive Officer, Water Board. To Ellen Casados, Southwest Division, Naval Facilities Engineering Command. October 23.

Water Board 2003e. Letter Regarding Concurrence on Request for No Further Action, UST 57 and 234, NAVSTA TI, San Francisco, California. From Sarah Raker, Engineering Geologist, Water Board. To Ellen Casados, RPM, SWDIV. September 5.

Water Board 2003f. Letter Regarding Concurrence on Request for No Further Action, Suspected USTs, NAVSTA TI, San Francisco, California. (Tanks 3A, 3B, 368C, 450, 452, 453, 461, M, 7, 145, 180F, 180G, 267, FF8, 213, 262). From Sarah Raker, Engineering Geologist, Water Board. To Ellen Casados, RPM, SWDIV. December 2.

Water Board 2004a. Letter Regarding Concurrence on Final Corrective Action Plan (CAP), Inactive Fuel Lines, NAVSTA TI, San Francisco. From Sarah Raker, Engineering Geologist, Water Board. To Ellen Casados, RPM, SWDIV. February 10.

Water Board. 2004b. Letter Regarding Case Closure Letter for DoD USTs at NAVSTA TI, including USTs 201 and 270. From Bruce H. Wolfe, Executive Director, Water Board. To Ellen Casados, Remedial Project Manager, SWDIV. February 10.

Water Board. 2004c. Letter Regarding Case Closure Letter for DoD UST (UST 225A-225D) at Naval Station Treasure Island, San Francisco. From Bruce H. Wolfe, Executive Officer, Water Board. To Ellen Casados, SWDIV. May 5.

Water Board. 2004d. Letter Regarding Concurrence on Request for No Further Action, UST 140, 221, and 230; Naval Station Treasure Island San Francisco, California. From Sarah Raker, Engineering Geologist, Water Board. To Ellen Casados, RPM, SWDIV. June 17.

Water Board 2004j. Letter Regarding Concurrence on Request for No Further Action, Site 227 (UST 227), NAVSTA TI, San Francisco. From Sarah Raker, Engineering Geologist, Water Board. To Ellen Casados, RPM, SWDIV. September 21.

TABLE 6-7: SUMMARY OF FUEL PIPELINES

Final, Supplemental Environmental Baseline Survey, Naval Station Treasure Island

EBS Parcel	Pipeline Status	Length (feet)
S002	Closed-In-Place	17
T001	Closed-In-Place	52
T001	Removed	584
T002	Closed-In-Place	83
T002	Removed	327
T005	Removed	244
T006	Closed-In-Place	370
T006	Removed	734
T008	Closed-In-Place	291
T008	Removed	11
T009	Closed-In-Place	173
T009	Not Located	11
T009	Removed	459
T010	Not Located	323
T010	Removed	1382
T011	Removed	0
T012	Removed	534
T015	Closed-In-Place	36
T015	Not Located	126
T015	Removed	605
T016	Removed	242
T018	Not Located	177
T018	Removed	10
T019	Closed-In-Place	9
T019	Removed	103
T020	Removed	641
T023	Not Located	251
T023	Removed	328
T024	Not Located	199
T031	Not Located	11
T031	Removed	204
T034	Not Located	69
T034	Removed	238
T035	Not Located	344
T035	Removed	2
T037	Not Located	429
T042	Not Located	26
T042	Removed	1244
T052	Removed	183
T053	Removed	166
T055	Not Located	17
T055	Removed	320
T056	Closed-In-Place	90
T056	Not Located	515
T056	Removed	3942
T057	Not Located	164
T057	Removed	216
T058	Removed	328
T059	Not Located	397
T059	Removed	491
T066	Removed	67
T067	Not Located	46
T067	Removed	468
T068	Removed	275
T070	Removed	353
T074	Closed-In-Place	145
T074	Removed	180
T076	Removed	114
T084	Removed	250
T117	Removed	354
T120	Removed	412
USCG Property	Not Located	1552
USCG Property	Removed	218
YB1	Removed	103
YB2	Closed-In-Place	13
YB2	Not Located	154
YB2	Removed	61
YB3	Closed-In-Place	30
YB11	Closed-In-Place	814
YB11	Not Located	285
YB11	Removed	211
YB17	Not Located	41
YB17	Removed	233
YB19	Closed-In-Place	587
YB19	Not Located	282
YB19	Removed	348
YB20	Closed-In-Place	33
YB20	Not Located	946
YB21	Closed-In-Place	215
YB21	Not Located	13
YB21	Removed	6
YB24	Not Located	137
YB24	Removed	319
YB25	Not Located	134
YB25	Removed	89

TABLE 6-7: SUMMARY OF FUEL PIPELINES (Continued)

Final, Supplemental Environmental Baseline Survey, Naval Station Treasure Island

Notes:

Fuel line status is derived from Tetra Tech's "Final Corrective Action Plan, Inactive Fuel Lines, Naval Station Treasure Island" (Tetra Tech 2003c) and ongoing communication between Tetra Tech and the Shaw Group Inc.

"Not located" pipelines are those which the U.S. Department of the Navy has searched for in a field investigation and believes do not currently exist.

EBS	Environmental baseline survey
Tetra Tech	Tetra Tech EM Inc.
USCG	U.S. Coast Guard

TABLE 6-8: SUMMARY OF ABOVEGROUND STORAGE TANKS

Final, Supplemental Environmental Baseline Survey, Naval Station Treasure Island

EBS Parcel	Building	Identification	Material Stored/	Capacity (gallons)	Tank Status*	Associated Site	Closure Document
T006	520	AST 520	Diesel fuel	15,000	Cleaned and inactive		Laidlaw 1998b
T006	520	AST 520B-1	Boiler additive	100	Cleaned and inactive	NA	NA
T006	520	AST 520B-2	Boiler additive	100	Cleaned and inactive	NA	NA
T006	520	AST 520B-3	Boiler additive	100	Cleaned and inactive	NA	NA
T007	--	AST 3	Petroleum	Unknown	Removed	NA	NA
T009	12A	AST 12A	Bilge water	2,000	Removed	CERCLA Site 21 and Petroleum Site D1C	NA
T009	12B	AST 12B	Bilge water	2,000	Removed	CERCLA Site 21 and Petroleum Site D1C	NA
T009	12C	AST 12C	Bilge water	2,000	Removed	CERCLA Site 21 and Petroleum Site D1C	NA
T009	12C	AST 12D	Bilge water	2,000	Removed	CERCLA Site 21 and Petroleum Site D1C	NA
T009	12C	AST 12E	Bilge water	2,000	Removed	CERCLA Site 21 and Petroleum Site D1C	NA
T010	--	AST 4M	Diesel fuel	210,000	Moved (See AST 4 in T076)	Petroleum Site 15	NA
T010	--	AST 5M	Diesel fuel	210,000	Moved (See AST 5 in T076)	Petroleum Site 15	NA
T010	--	AST 6M	Gasoline	10,000	Moved (See AST 6A-G in T076)	Petroleum Site 15	NA
T012	--	AST 7	Diesel fuel	1,000	Removed	Petroleum Site D1B	NA
T015	530	AST 530A	Liquid caustic	6,000	Cleaned and inactive	Petroleum Site D5	Water Board 2003d
T015	530	AST 530B	Sulfuric acid	6,000	Cleaned and inactive	Petroleum Site D5	Water Board 2003d
T015	530	AST 530C	Diesel fuel	6,000	Cleaned and inactive		Water Board 2003d
T015	530	AST 530D	Neutralizer	15,000	Cleaned and inactive	Petroleum Site D5	Water Board 2003d
T015	530	AST 530E	DI Water	15,000	Empty	Petroleum Site D5	Water Board 2003d
T018	--	AST 34A	Diesel fuel	50	Removed	Petroleum Site 15	NA

TABLE 6-8: SUMMARY OF ABOVEGROUND STORAGE TANKS (Continued)

Final, Supplemental Environmental Baseline Survey, Naval Station Treasure Island

EBS Parcel	Building	Identification	Material Stored/	Capacity (gallons)	Tank Status*	Associated Site	Closure Document
T018	--	AST 34B	Fuel oil	Unknown	Removed	Petroleum Site 15	NA
T057	--	AST 455A	Morphaline	50	Inactive	NA	CCSFDPH 1998a
T057	--	AST 455B	Caustic soda	50	Inactive	NA	CCSFDPH 1998a
T057	--	AST 455C	Sulfite	50	Inactive	NA	CCSFDPH 1998a
T057	--	AST 455D	Brine	Unknown	Removed	NA	NA
T058	--	AST 103	Diesel fuel	210,000	Cleaned and inactive		CCSFDPH 1998a
T058	--	AST 104	Diesel fuel	210,000	Cleaned and inactive		CCSFDPH 1998a
T066	--	AST T066	Waste purge water	5,000	Removed	NA	NA
T068	--	AST FF1 (P1)	Liquid propane	20,000	Active	NA	NA
T068	--	AST FF2 (P2)	Liquid propane	2,0000	Active	NA	NA
T068	--	AST FF3 (P3)	Liquid propane	20,000	Active	NA	NA
T074	--	AST 691	Half gasoline/half diesel	3,000	Active	Petroleum Site 14/22	NA
T076	--	AST 4	Diesel	210,000	Removed	Petroleum Site 14/22	NA
T076	--	AST 5	Diesel	210,000	Removed	Petroleum Site 14/22	NA
T076	--	AST 6A	Gasoline	10,000	Cleaned and inactive	Petroleum Site 14/22	Navy 1999
T076	--	AST 6B	Gasoline	10,000	Cleaned and inactive	Petroleum Site 14/22	Navy 1999
T076	--	AST 6C	Gasoline	10,000	Cleaned and inactive	Petroleum Site 14/22	Navy 1999
T076	--	AST 6D	Gasoline	10,000	Cleaned and inactive	Petroleum Site 14/22	Navy 1999
T076	--	AST 6E	Gasoline	10,000	Cleaned and inactive	Petroleum Site 14/22	Navy 1999
T076	--	AST 6F	Gasoline	10,000	Cleaned and inactive	Petroleum Site 14/22	Navy 1999
T076	--	AST 6G	Gasoline	10,000	Cleaned and inactive	Petroleum Site 14/22	Navy 1999
T076	--	AST 456	Unleaded fuel	54,000	Removed	Petroleum Site 14/22	NA
T078	--	AST 672	Diesel fuel	500	Active	NA	NA

TABLE 6-8: SUMMARY OF ABOVEGROUND STORAGE TANKS (Continued)

Final, Supplemental Environmental Baseline Survey, Naval Station Treasure Island

EBS Parcel	Building	Identification	Material Stored/	Capacity (gallons)	Tank Status*	Associated Site	Closure Document
T080	572	AST 572	Hydraulic fluid	Unknown	Removed	NA	NA
T085	202	AST 202	Water	Unknown	Inactive	NA	See SS 540; CCSFDPH 1998b
T091	540	AST 540	Diesel	15,000	Cleaned and inactive	NA	CCSFDPH 1998c
T108	240	AST 240	Diesel	Unknown	Removed	Site 6	NA
T108	248	AST 248	Petroleum	Unknown	Removed	Site 6	NA
T112	--	AST 415	Fuel	300	Abandoned in place	NA	NA
T112	--	AST 550	Diesel fuel	8,000	Cleaned and inactive	NA	Laidlaw 1998a, CCSFDPH 1998d
T112	550	AST 550 (2-A)	Boiler additives	50	Active	NA	NA
T112	550	AST 550 (2-B)	Boiler additives	50	Active	NA	NA
T112	550	AST 550 (2-C)	Boiler additives	50	Active	NA	NA
T112	550	AST 550 (2-D)	Water conditioner	100	Active	NA	NA
T112	550	AST 550 (2-E)	Water conditioner	100	Active	NA	NA
T112	550	AST 550 (2-F)	Water conditioner	100	Active	NA	NA
T112	550	AST 550 (2-G)	Hot water condensater	500	Active	NA	NA
T112	550	AST 550 (2-H)	Hot water condensater	500	Active	NA	NA
T114	335	AST 335A	Waste oil	550	Removed	CERCLA Site 10	SulTech 2005b
T114	335	AST 335B	Waste solvent	550	Removed	CERCLA Site 10	SulTech 2005b
T114	335	AST 335C	Waste antifreeze	550	Removed	CERCLA Site 10	SulTech 2005b
T119	--	AST T119	Fire fighting foam	500	Active	NA	NA
YB002	--	ASTs 181	Diesel fuel and aviation gasoline	170,000	Removed	Petroleum Site 16	Water Board 2004f

TABLE 6-8: SUMMARY OF ABOVEGROUND STORAGE TANKS (Continued)

Final, Supplemental Environmental Baseline Survey, Naval Station Treasure Island

EBS Parcel	Building	Identification	Material Stored/	Capacity (gallons)	Tank Status*	Associated Site	Closure Document
YB004	--	AST 2T-O	Oil	Unknown	Removed	NA	PRC & Uribe and Associates 1997
YB004	--	AST 162T	Water	Unknown	Active	NA	NA
YB004	--	AST 227	Water	Unknown	Active	NA	NA
YB004	--	AST 242T	Water	Unknown	Active	NA	NA
YB011	--	AST 241	NA	Unknown	Removed	NA	NA
YB011	--	AST 66	Heating oil	Unknown	Removed	Petroleum Site YF1	NA
YB014	--	AST 117	Black oil	37,000	Removed	NA	NA
YB014	--	AST 168T	Water	Unknown	Active	NA	NA
YB014	--	AST YB014	Diesel	Unknown	Active	NA	NA
YB015	118	AST 118A	Fuel	30	Removed		SulTech 2005a
YB017	--	AST 213	Diesel fuel	700	Removed	Petroleum Site YF3	NA
YB019	--	AST 230	Fuel oil	55	Removed	NA	NA
YB020	--	AST 169	Fuel oil	26,670	Closed-in place	Petroleum Site YF2	Water Board 2002b
YB020	--	AST 170	Fuel oil	26,670	Closed-in place	Petroleum Site YF2	Water Board 2002b
YB020	--	AST 214	Diesel fuel	10,000	Removed	Petroleum Site YF3	NA

Notes:

*	Status shown is either the current status if not leased, or the status at the time of the property on which the AST is located was leased to the TIDA.
AST	Aboveground storage tank
CCSFDPH	City and County of San Francisco, Department of Public Health
CERCLA	Comprehensive Environmental Response, Compensation, and Liability Act
DoD	Department of Defense
EBS	Environmental baseline survey
Laidlaw	Laidlaw Environmnetal Services, Inc.
NA	Not applicable
Navy	U.S. Department of the Navy
SWDIV	Southwest Division
Water Board	San Francisco Bay Regional Water Quality Control Board

References:

CCSFDPH. 1998a "Field Screening/Verification Report for ASTs 103, 104, and 455." November 10.

CCSFDPH. 1998b "Field Screening/Verification Report for AST 202." November 10.

CCSFDPH. 1998c "Field Screening/Verification Report for AST 540." November 10.

CCSFDPH. 1998d "Field Screening/Verification Report for AST 550." November 10.

Laidlaw 1998a. Letter Regarding Tank Cleaning of Above Storage Tank at Building 520. From Laidlaw Environmental Serivies, Inc. to Edward Castner, Navy Public Works Center. January 29.

Laidlaw. 1998b. Memo for cleaning AST, Treasure Island San Francisco, California. August 27, 1998.

Navy. 1999. "Memorandum from Michael Mentink, Treasure Island CSO to Virginia St. Jean HMUPA, City and County of SF, Certification of AST Cleaning." October 4.

PRC and Uribe and Associates (UA). 1997. "Environmental Baseline Survey Sampling and Analysis Screening Level Report, Naval Station Treasure Island." EFA-WEST. July.

SulTech. 2005b. "Final Remedial Investigation Report for Site 09 and 10, Naval Station Treasure Island, San Francisco, California." March 2005.

Water Board. 2002b. Letter Regarding Closure Letter for DoD USTs [UST 66] at NAVSTA TI, San Francisco California. From Loretta Barsamian, Executive Officer, Water Board. To Ellen Casados, Remedial Project Manager, SWDIV. October 23.

Water Board. 2003d. Letter Regarding Concurrence on Building 530 Pipeline Post-Construction Summary Report Naval Station Treasure Island, San Francisco. From Sarah Raker, Engineering Geologist, Water Board. To Ellen Casados. RPM. SWDIV. July 9.

Water Board. 2004f. Letter Regarding Concurrence on NFA, Site 16, Naval Station Treasure Island, San Francisco. From Sarah Raker, Engineering Geologist, Water Board. To Ellen Casados, RPM, SWDIV. June 17.

TABLE 6-9: SUMMARY OF OTHER LOCATIONS OF CONCERN

Final, Supplemental Environmental Baseline Survey, Naval Station Treasure Island

EBS Parcel	ID	Location Description	Additional Information	Associated Site	Status	Closure Document	ECP Area Type*
S002	SS S001/2	Bilge water, containing lubricating oil; spill occurred on or near this parcel on April 9, 1991, during transfer operations between bilge "donuts" and holding tanks. Approval for cleanup of the diesel spill was not reported.	The CERCLA Site 13 sample locations approved by the BCT did not specifically target the offshore "donuts", but the results of the sampling were part of a broader discussion of offshore sediments everywhere around NAVSTA TI.	CERCLA Site 13	NFA	Navy 2005b	3
S002	SS S002	On April 7, 2000, a stormwater line on EBS parcel T005 was noted to discharge milky white liquid. The pipe was plugged to stop the discharge into Clipper Cove. The white substance was confirmed to be latex paint, and the sewer was vactored and flushed and the plug was removed.	Cross connections were found where the sanitary sewer was crushed and leaked into the storm sewer in two areas. These connections were temporarily patched. The city will make permanent repairs.	CERCLA Site 13	NFA	Navy 2005b	3
T002	SS 469	During the 2004 SEBS VSI, one unidentified stain was observed right at the entry to the small building.	No release has occurred to the environment.	NA	NFA	SulTech 2005a	1
T002	SS T002A	On November 4, 1998, discharge from pressure washing the streets in front of the main gate and Building 1 was allowed to enter the storm drain system.	The CCSF personnel were stopped from working until discharge entering the storm drain was controlled. A very minimal amount of water had entered the storm drain, but not enough to discharge to San Francisco Bay.	NA	NFA	NAVSTA TI 1998-1999	1
T002	SS T002B	On February 17, 1999, a contractor working on Building 183 allowed rinse water from concrete saw cutting to discharge to the storm drain in the area.	The CCSF's facility manager briefed the contractor on the requirements of the TI stormwater pollution prevention plan. There were no further discharges of water to the storm drain by the contractor.	NA	NFA	NAVSTA TI 1998-1999	1

TABLE 6-9: SUMMARY OF OTHER LOCATIONS OF CONCERN (Continued)

Final, Supplemental Environmental Baseline Survey, Naval Station Treasure Island

EBS Parcel	ID	Location Description	Additional Information	Associated Site	Status	Closure Document	ECP Area Type*
T002	SS T002C	A 3-gallon diesel spill occurred at or adjacent to Building 183 on April 15, 1990. The small spill appears unlikely to have affected this parcel; however, spills that may have occurred over the years may have affected the parcel.	This area was sampled as part of Target Area T002; petroleum concentrations were below action levels.	NA	NFA	Tetra Tech and U&A 1999a	2
T004	OTH T004	Sediments beneath the dock may potentially be contaminated.	The CERCLA Site 13 sample locations approved by the BCT did not specifically target the piers, but the results of the sampling were part of a broader discussion of offshore sediments everywhere around NAVSTA TI.	CERCLA Site 13	NFA	Navy 2005b	3
T004	SS T004	In 1992, 2.5 gallons of gasoline were released into the waters surrounding this parcel. The small quantity of this spill event appears unlikely to have affected the parcel.	Offshore sediments around TI were sampled, and the Navy concluded no further investigation or action was warranted.	NA	NFA	ERM-West 1996a; Tetra Tech 2001c	1
T005	GW T005	UST 180C, on EBS parcel T006, is immediately adjacent to parcel T005 and associated groundwater issues affect T005.	Investigation activities at UST 180C are ongoing. Chlorinated solvents and petroleum have been detected in groundwater samples at UST 180C.		NFA	Shaw 2005a; DTSC 2005a	3
T005	HIST 180	Building 180 was formerly used for seaplane and automotive maintenance.	Sampling conducted as part of the EBS Data Gaps Investigation (Tetra Tech 2003a) that identified contaminants as petroleum only.	NA	TBD	Shaw 2005a; DTSC 2005a	2
T005	OTH T005-180A	Sumps and floor drains in Building 180 have no known termination point. A long drain along Building 180 has no known termination point.	No sampling was determined to be necessary.	NA	NFA	ERM-West 1996a	1

TABLE 6-9: SUMMARY OF OTHER LOCATIONS OF CONCERN (Continued)

Final, Supplemental Environmental Baseline Survey, Naval Station Treasure Island

EBS Parcel	ID	Location Description	Additional Information	Associated Site	Status	Closure Document	ECP Area Type*
T005	OTH T005-180B	During investigations associated with building 180 and nearby USTs and pipelines chlorinated solvents and isopropylbenzene were detected in GW samples. Chlorinated solvents and isopropylbenzene detections were near former UST180C and isopropylbenzene was detected near the causeway pipeline located to the south of building 180.	Analysis of available data is ongoing	NA	TBD	--	7
T005	SS 180A	In March 1995, a 20-gallon gasoline spill occurred south of Building 180.	UST 180A received closure in 1996.	NA	NFA	Water Board 1996	2
T005	SS T005A	Diesel fuel (8.7 gallons) was spilled and cleaned in 1989. Oil was noted in grease sumps and oil sumps during a site inspection.	No staining was observed during the 2001 BCT site walk.	NA	NFA	BCT 2002a; ERM-West 1996a	2
T006	HIST T006	Two vehicle wash pads are present on this parcel, east of Building 180.	Sampling conducted as part of the EBS Data Gaps Investigation (Tetra Tech 2003a) identified contaminants as petroleum only.	NA	TBD	Shaw 2005a; DTSC 2005a	2
T006	OTH T006	There is potential contamination from the floor drains in Building 2.	No sampling was determined to be necessary.	NA	NFA	ERM-West 1996b	1
T006	OTH T006	During investigations associated with building 180 and nearby USTs and pipelines chlorinated solvents and isopropylbenzene were detected in GW samples. Chlorinated solvents and isopropylbenzene detections were near former UST180C and isopropylbenzene was detected near the causeway pipeline located to the south of building 180.	Analysis of available data is ongoing	NA	TBD	--	7

TABLE 6-9: SUMMARY OF OTHER LOCATIONS OF CONCERN (Continued)

Final, Supplemental Environmental Baseline Survey, Naval Station Treasure Island

EBS Parcel	ID	Location Description	Additional Information	Associated Site	Status	Closure Document	ECP Area Type*
T006	PB T006	A former skeet range was located along the southern shore of the parcel (near Building 459).	Activities on the skeet range were directed away from the parcel, for example, shooting out to the water. Lead issue on this parcel was not a potential concern.	NA	NFA	ERM-West 1995	1
T006	SS 180B	During the 2004 SEBS VSI, three spills/stains of oil/gas from stored trucks (SFFD) and outboard motors (SFFD) were observed in Building 180 garages.	No release has occurred to the environment.	NA	NFA	SulTech 2005a	1
T006	SS 346	During the 2004 SEBS VSI, a stain, possibly mold, was observed in the SE side of the building.	No release has occurred to the environment.	NA	NFA	SulTech 2005a	1
T007	SS T007A	On October 3, 1998, water from a sink in Room M359 was discharging into a storm drain catch basin to the south side of the building. The sink had been improperly plumbed into the storm drain.	The discharge was an existing condition. The SF Bureau of Building Repair was alerted and the sink was taken out of service and the connection capped.	NA	NFA	NAVSTA TI 1998-1999	1
T007	SS T007B	On April 15, 1999, a garden hose was discharging potable water, used in the closed coil cooling system for movie production work, to a storm drain on the west side of Building 3.	The discharge was terminated.	NA	NFA	NAVSTA TI 1998-1999	1
T008	SS 325	During the 2004 SEBS VSI, a stain was observed on the ground inside the building (SE).	No release has occurred to the environment.	NA	NFA	SulTech 2005a	1
T008	SS 355	Significant staining was noted north of Building 355. The staining appeared to consist of paint and oil and covered about 40 percent of the area.	Sampling conducted as part of EBS Data Gaps Investigation (Tetra Tech 2003a) identified no contaminants above screening criteria	NA	NFA	Shaw 2005a; DTSC 2005a	1
T008	SS T008A	On April 15, 1999, a garden hose was discharging potable water, used in the closed coil cooling system for movie production work, to a storm drain on the west side of Building 3.	The discharge was terminated.	NA	NFA	NAVSTA TI 1998-1999	1

TABLE 6-9: SUMMARY OF OTHER LOCATIONS OF CONCERN (Continued)

Final, Supplemental Environmental Baseline Survey, Naval Station Treasure Island

EBS Parcel	ID	Location Description	Additional Information	Associated Site	Status	Closure Document	ECP Area Type*
T008	SS T008B	On October 3, 1998, water from a sink in Room M359 was discharging into a storm drain catch basin to the south side of the building. The sink had been improperly plumbed into the storm drain.	The discharge was an existing condition. The SF Bureau of Building Repair was alerted and the sink was taken out of service and the connection capped.	NA	NFA	NAVSTA TI 1998-1999	1
T011	GW T011	The operation of former AST 7, that was located on Parcel T012, may have affected this parcel.	Data from the RI report indicate that samples collected nearest to T011 did not exceed EPA Region IX residential PRG or NAVSTA TI ambient concentrations. There was no evidence of any releases from this AST.	AST 7, Petroleum Site D1B	No closure action required	NA	1
T011	HIST T011	Building 7 formerly contained a photograph laboratory.	Based on a March 15, 1995 site inspection and discussion with NAVSTA TI personnel, DTSC and EPA concluded that the existing and former photograph laboratory is not an environmental issue of concern	NA	No closure action required	ERM-West 1996a	1
T011	SS 7	During the 2004 SEBS VSI, a stain was observed in the boiler room under the boiler.	No release has occurred to the environment.	NA	NFA	SulTech 2005a	1
T013	HIST T013	The BATF used the first floor of Building 233 as a toxicology testing laboratory from 1975 through the mid-1980s. In addition, Building 233 was previously used as a school for radiation training.	The May 22, 2002, BCT site walk found that laboratory and chemical storage was removed, and no evidence of a significant release existed.	NA	No closure action required	BCT 2002c	1
T013	SS T013	On January 17, 1950, 40.3 milligrams of radium salt were dropped on the floor of the Radiological Defense Laboratory, Damage Control Training Center, in Building 233. The building was decontaminated and operational clearance achieved in April, 1950.	The Navy Radiological Affairs Support Office (RASO) intends to resurvey the building prior to transfer to confirm the absence of residual contamination.	NA	Continued field work	--	7

TABLE 6-9: SUMMARY OF OTHER LOCATIONS OF CONCERN (Continued)

Final, Supplemental Environmental Baseline Survey, Naval Station Treasure Island

EBS Parcel	ID	Location Description	Additional Information	Associated Site	Status	Closure Document	ECP Area Type*
T014	OTH T014	Evidence of burn debris found during excavation of pipeline to the Lake of the Nation.	Sampling was conducted as part of EBS Data Gaps Investigation (Tetra Tech 2003a). The Navy concluded in its technical memorandum that this parcel warrants no further investigation. Water Board requested additional sampling.	NA	Sampling	See CERCLA Site 33	1
T019	OTH T019	Evidence of burn debris found during excavation of pipeline to the Lake of the Nation.	Sampling was conducted as part of EBS Data Gaps Investigation (Tetra Tech 2003a). The Navy concluded in its technical memorandum that this parcel warrants no further investigation. Water Board requested additional sampling.	NA	Sampling	See CERCLA Site 33	1
T020	HIST T020	Potential historical adverse use consisted of using Building 30 as a medical center, with sterilization and x-ray activities.	No supporting evidence (such as staining or other reports) is available to indicate that the adverse uses of Building 30 have resulted in impacts to the environment; therefore, no sampling is warranted.	NA	No closure action required	ERM-West 1996a	1
T020	OTH T020	Evidence of burn debris found during excavation of pipeline to the Lake of the Nation.	Sampling was conducted as part of EBS Data Gaps Investigation (Tetra Tech 2003a). The Navy concluded in its technical memorandum that this parcel warrants no further investigation. Water Board requested additional sampling.	NA	Sampling	See CERCLA Site 33	1
T029	HIST T029	The parcel has historically operated as an incinerator.	EBS screening level sampling focused on potential dioxin and furan contamination from the former incinerator. Dioxins and furans were not detected in wipe samples; therefore, the former incinerator can be eliminated from further consideration as an issue.	NA	NFA	Tetra Tech and U&A 1999b	1

TABLE 6-9: SUMMARY OF OTHER LOCATIONS OF CONCERN (Continued)

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EBS Parcel	ID	Location Description	Additional Information	Associated Site	Status	Closure Document	ECP Area Type*
T034	GW T034	T034 is potentially downgradient of UST 368B (historical content of diesel fuel).	UST 368B closed out	UST 366B	NFA	Water Board 2003g	2
T034	SS 453	During the 2004 SEBS VSI, several water stains on the floors and walls of the barracks dorm rooms were observed.	No release has occurred to the environment.	NA	NFA	SulTech 2005a	1
T049	SS 258	During the 2004 SEBS VSI, an oil stain was observed inside of the building on the ground.	No release has occurred to the environment.	NA	NFA	SulTech 2005a	1
T052	SS 393	About 50 gallons of diesel fuel were spilled at Building 393 (pump station) in 1994. Approved clean up was not reported; absorbed with pads, remaining 1,000 gallons of diesel-contaminated water was removed with a vacuum truck. A diesel odor has periodically been detected.	See associated site.	Petroleum Site D4A	NFA	See Petroleum Site D4A	2
T054	PB T054	Lead was detected in water in Building 229: 14 µg/L at the bar tap, 7.7 µg/L in the party room bath, and 38 µg/L in the rear bath.	The BCT agreed that this is a potential notification issue.	NA	NFA	BCT 2002c	1
T055	HIST T055	Historical evidence in Building 29 includes the use of chemicals for small fire-fighting demonstrations in classrooms, the former electric shop with oil-like stains, and two former vehicle garage areas with oil-like stains.	Stains were not observed during the 1995 BCT site walk; therefore, no sampling was necessary.	NA	No closure action required	ERM-West 1996a	1
T055	SS 379	During the 2004 SEBS VSI, a stain was observed on the ground at the building entry.	No release has occurred to the environment.	NA	NFA	SulTech 2005a	1
T055	SS T055	Building 29 had oil-like stains on the floor of the former electric shop and two former garage areas also were stained with oil.	Stains were not observed during the BCT site walk in 1995 and 2001, therefore, no sampling was necessary.	NA	NFA	BCT 2002a; ERM-West 1996a	1

TABLE 6-9: SUMMARY OF OTHER LOCATIONS OF CONCERN (Continued)

Final, Supplemental Environmental Baseline Survey, Naval Station Treasure Island

EBS Parcel	ID	Location Description	Additional Information	Associated Site	Status	Closure Document	ECP Area Type*
T056	HIST T056	Water line replacement as-builts showed debris observed on this parcel.	Some initial sampling analytical results were above screening criteria. Step outs were conducted, and a report from Shaw was submitted. No further action was recommended based on Shaw's sampling results. DTSC concurred on March 11, 2005.	NA	Continued field work	Shaw 2005a; DTSC 2005b	1
T056	SS 230	During the 2004 SEBS VSI, major water damage in the walls that was causing mold along with an unidentified stain was observed in the building.	No release has occurred to the environment.	NA	NFA	SulTech 2005a	1
T056	SS 99B	During the 2004 SEBS VSI, two stains were observed on the floor in the NE and SE of the interior of the building.	No release has occurred to the environment.	NA	NFA	SulTech 2005a	1
T057	SS 455A	In May 1991, approximately 50 gallons of diesel fuel was spilled in the southern portion of Building 455 during transfer operation.	See associated site.	Petroleum Site F2B	NFA	See Petroleum Site F2B	2
T057	SS 455B	During the 1995 EBS site inspection, diesel fuel was leaking from a fuel pump within a pump house northeast of Building 455 and also from boilers within Building 455. The releases appeared to be ongoing, with drip trays and absorbent in use.	See associated site.	Petroleum Site F2B	NFA	See Petroleum Site F2B	2
T057	SS 455C	During the 2004 SEBS VSI, a stain was observed inside the building under equipment.	No release has occurred to the environment.	NA	NFA	SulTech 2005a	1
T058	SS T058	Approximately 20,000 gallons of diesel fuel spilled in 1983, affecting an area measuring 130 feet by 22 feet.	See associated site.	Petroleum Site F2B	NFA	See Petroleum Site F2B	2

TABLE 6-9: SUMMARY OF OTHER LOCATIONS OF CONCERN (Continued)

Final, Supplemental Environmental Baseline Survey, Naval Station Treasure Island

EBS Parcel	ID	Location Description	Additional Information	Associated Site	Status	Closure Document	ECP Area Type*
T059	HIST T059	Water line replacement as-builts showed debris observed on this parcel.	Some initial sampling analytical results were above screening criteria. Step outs were conducted, and a report from Shaw was submitted. No further action was recommended based on Shaw's sampling results. DTSC concurred on March 11, 2005.	NA	NFA	Shaw 2005a; DTSC 2005a	3
T059	SS 99A	Two stains of lube oil measuring 12 square feet and 25 square feet respectively in Building 99, were noted on the concrete floor beneath the printing presses. Extensive staining on tiled floor and in the dark room in Building 99.	Building now occupied by Island Creative Productions. No staining observed at former printing press area. Tenant had floor cleaned and carpeted in former dark room. Carpet pulled back and photographed. No significant staining. Photographs shown to BCT.	NA	NFA	BCT 2002b	3
T059	SS T059	A sewage line break was discovered on October 7, 1997. Sewage filled the work area and overflowed to a nearby storm drain catch basin at Ave. M and 6th Street. An estimated 200 gallons of sewage was discharged.	The pressurized line was shut down, and a vacuum truck on the work scene was used to control and remove the sewage. The sewer line was repaired prior to repressurization of the line.	NA	NFA	NAVSTA TI 1997-1998	1
T059	SS T065	A sewage line break discovered on October 7, 1997. Sewage filled the work area and overflowed to a nearby storm drain catch basin at Ave. M and 6th Street. An estimated 200 gallons of sewage was discharged.	The pressurized line was shut down, and a vacuum truck on the work scene was used to control and remove the sewage. The sewer line was repaired prior to repressurization of the line.	NA	NFA	NAVSTA TI 1997-1998	1
T060	SS T060	A sewage line break discovered on October 7, 1997. Sewage filled the work area and overflowed to a nearby storm drain catch basin at Ave. M and 6th Street. An estimated 200 gallons of sewage was discharged.	The pressurized line was shut down, and a vacuum truck on the work scene was used to control and remove the sewage. The sewer line was repaired prior to repressurization of the line.	NA	NFA	NAVSTA TI 1997-1998	1

TABLE 6-9: SUMMARY OF OTHER LOCATIONS OF CONCERN (Continued)

Final, Supplemental Environmental Baseline Survey, Naval Station Treasure Island

EBS Parcel	ID	Location Description	Additional Information	Associated Site	Status	Closure Document	ECP Area Type*
T065	HIST 65	A concrete pad of unknown use is located behind Building 69 (which is adjacent to EBS parcel T065). The DTSC questioned whether it might be the pad of a former AST.	This site is currently part of the EBS Data Gaps Investigation (Tetra Tech 2003a). The results of the EBS Data Gaps Investigation indicated that the only chemicals detected at the site were metals in groundwater. The BCT concurred that no further investigation is recommended in this area.	NA	NFA	Shaw 2005a; DTSC 2005a	1
T066	HIST T066	Investigated as part of Data Gap Investigation because it was unknown whether chemicals of potential concern may be impacting soil due to past IDW storage activities.	Detections of PCBs above soil screening criteria. BCT concurred wtih no further action request; after further investigation found PCBs and PAHs.	NA	NFA	Shaw 2005a; DTSC 2005a	3
T066	SS 342	During the 2004 SEBS VSI, an oil stain was observed on the ground inside the building.	No release has occurred to the environment.	NA	NFA	SulTech 2005a	1
T066	SS TX-124	During the site inspection, a 25 square-foot oily stain was noted on asphalt approximately 200 feet north of Building 342. The stain appeared to be a result of transmission storage or transmission repair activities.	See associated site.	Petroleum Site 4/19, TX-124	NFA	See Petroleum Site 04/19	2
T067	SS 458	During the 2004 SEBS VSI, a stain was observed in the upper right corner of the building.	No release has occurred to the environment.	NA	NFA	SulTech 2005a	1
T067	SS T067	Small oily stains were noted throughout the Refuse Transfer Area during previous investigations.	See associated site.	Petroleum Site 4/19	NFA	See Petroleum Site 04/19	2
T068	SS T068	About 7,000 gallons of propane, intended for use by the adjacent fire fighting training school, was released in 1993 from a liquid propane tank. Residual vapor was burned off.	The 1995 EBS did not recommend any further investigation of this issue.	FF1, FF2, FF3	NFA	ERM-West 1995	1

TABLE 6-9: SUMMARY OF OTHER LOCATIONS OF CONCERN (Continued)

Final, Supplemental Environmental Baseline Survey, Naval Station Treasure Island

EBS Parcel	ID	Location Description	Additional Information	Associated Site	Status	Closure Document	ECP Area Type*
T069	HIST 69	Building 69 (which is surrounded by EBS parcel T065) was historically used as an engine and ship fitters shop and garage.	This site is currently part of the EBS Data Gaps Investigation (Tetra Tech 2003a). The results of the EBS Data Gaps Investigation indicated that the only chemicals detected at the site were metals in groundwater. The BCT concurred that no further investigation is recommended in this area.	NA	NFA	Shaw 2005a; DTSC 2005a	1
T071	HIST T071	Potential historical adverse uses include the building's use as a carpentry/hobby shop. Historical uses as photograph laboratory indicate chemical use and storage.	Based on a March 15, 1995 site inspection and discussion with TI personnel, DTSC and EPA concluded that the existing and former photograph laboratories are not environmental issues of concern. No evidence of a significant release in the hobby shop was found during the May 22, 2002 site walk.	NA;BCT agreed that this was not a site	No closure action required	BCT 2002c	1
T073	OTH T073	Based on a photograph of a grassy area of the northeast side of the building, a 10- by 20- foot area looks like a potential current excavation.	During the 1995 site walk, the BCT concluded that it is unlikely that this is a former excavation.	NA	NFA	ERM-West 1996a	1
T074	SS T074	About 200 gallons of unleaded gasoline was released in a concrete vault when a gasoline line was severed by a backhoe during the removal of four USTs in 1992. Contaminated soil was excavated. The spill did not affect the bay.	The 1995 EBS did not recommend any further investigation of this potential issue.	Petroleum Site 14/22; USTs 330A, B, E, and F	NFA	ERM-West 1995	2
T076	OTH T076	During petroleum investigations at Site 14/22, the Navy found dioxins exceeding soil screening criteria.	Further investigation is required. A time critical removal action has been proposed in conjunction with work conducted at Site 10. All dioxin contaminated soil has been removed.	Petroleum Site 14/22; Site 10	NFA	BCT 2004	4

TABLE 6-9: SUMMARY OF OTHER LOCATIONS OF CONCERN (Continued)

Final, Supplemental Environmental Baseline Survey, Naval Station Treasure Island

EBS Parcel	ID	Location Description	Additional Information	Associated Site	Status	Closure Document	ECP Area Type*
T076	SS 85	During the 1995 EBS site inspection, a fuel pump within Building 85 was leaking gasoline. A bucket and absorbent were being used to contain the gasoline.	See associated site.	Petroleum Site 14/22	Continued field work	See Petroleum Site 14/22	2
T076	SS T076A	During a pressure test in Dec 1991, approximately 625 gallons of unleaded gasoline was released when an underground pipe between the tank and Building 85 failed.	The 1995 EBS did not recommend any further investigation of this potential issue.	Petroleum Site 14/22	NFA	ERM-West 1995	2
T076	SS T076B	About 20,000 gallons of fuel was released from AST 4 between November 1984 and February 1985. As a result of the tank overfill, a spill involving less than 50 gallons of gasoline occurred at Building 85 in January 1989. The spill reportedly was cleaned up.	The 1995 EBS did not recommend any further investigation of this potential issue.	Petroleum Site 14/22, AST 4	NFA	ERM-West 1995	2
T076	SS T076C	According to an interview, a release of a relatively large quantity of fuel occurred on November 2, 1994 during a fuel transfer operation in the southern portion of the parcel. Absorbent was applied to a portion of the stained asphalt area.	The 1995 EBS did not recommend any further investigation of this potential issue.	Petroleum Site 14/22	NFA	ERM-West 1995	2
T076	SS T076D	Staining in the southwestern portion of the parcel was noted during the site inspection.	See associated site.	Petroleum Site 14/22	Requesting NFA	See Petroleum Site 14/22	2
T076	SS T076E	Discoloration/staining was noted in the southeastern portion of Parcel T076 in a 1947 aerial photo (entire surface seems to be bare soil in photo).	See associated site.	Petroleum Site 14/22	NFA	See Petroleum Site 14/22	2

TABLE 6-9: SUMMARY OF OTHER LOCATIONS OF CONCERN (Continued)

Final, Supplemental Environmental Baseline Survey, Naval Station Treasure Island

EBS Parcel	ID	Location Description	Additional Information	Associated Site	Status	Closure Document	ECP Area Type*
T077	SS T077	A stain, coming from Building 670, on the driveway (east of Building 670) leading to the storm drain catch basin was noted on September 27,1998.	Building 670 was being renovated, and the contractors had drained the fire sprinkler system water, which made its way to the storm drain system. The contractor was instructed to prevent discharges to the storm drain system.	NA	NFA	NAVSTA TI 1998-1999	1
T078	OTH T078	The roof of Building 670 leaks.	The 1995 EBS did not recommend any further investigation of this potential issue.	NA	No closure action required	ERM-West 1995	1
T078	SS T078	A stain from Building 670 on the driveway (east of Building 670) leading to the storm drain catch basin was noted on September 27,1998.	Building 670 was being renovated, and the contractors had drained the fire sprinkler system water, which made its way to the storm drain system. The contractor was instructed to prevent discharges to the storm drain system.	NA	NFA	NAVSTA TI 1998-1999	1
T079	SS T079A	On October 26, 1998, sewage was discharged from a pressurized sewage main that partially discharged to nearby storm drain catch basin at 13th Street/Avenue I. The discharge to the storm drain system was estimated to have been 100 gallons.	The sewage was immediately vacuumed up. The housing area that feeds the sewage had been vacated as a result of closure; therefore, the discharge was not concentrated sewage, but had the appearance of groundwater.	NA	NFA	NAVSTA TI 1998-1999	1
T079	SS T079B	On August 11,1997, sewage discharge from pressurized sewage main partially discharging to nearby storm drain catch basin at 13th St./Ave. I. The discharge to storm drain system estimated to have been 800 gallons.	The sewage was immediately vacuumed up. The housing area that feeds the sewage had been vacated as a result of closure; therefore, the discharge was not concentrated sewage, but had the appearance of groundwater.	NA	NFA	NAVSTA TI 1997-1998	1
T080	SS 571	A whitish stain (3 feet x 5 feet) was observed in front of the flammable storage locker south of Building 572.	During the 1995 site walk, the BCT concluded that the whitish stain was on the pavement surface; therefore, no further sampling was necessary.	NA	NFA	ERM-West 1996a	1

TABLE 6-9: SUMMARY OF OTHER LOCATIONS OF CONCERN (Continued)

Final, Supplemental Environmental Baseline Survey, Naval Station Treasure Island

EBS Parcel	ID	Location Description	Additional Information	Associated Site	Status	Closure Document	ECP Area Type*
T080	SS T080A	Staining was observed beneath a large pad-mounted transformer, TX-173.	During the site walk in 1995, the BCT concluded that the staining was only on the concrete pad, indicating that the underlying soil has not been affected; therefore, no sampling was warranted.	TX-173	NFA	ERM-West 1996a	1
T080	SS T080B	A 5,000-gallon untreated sewage spill from Lift Station 17 occurred on April 22,1988. This spill is documented on Parcels T080, T081, T085, and T086.	Approval for clean-up was not reported. The spill area was sandbagged and vacuumed, the area was flushed, and disinfectant was applied. No staining was observed during the 2001 site walk.	NA	NFA	BCT 2002b	1
T081	HIST T081	Water line replacement as-builts showed debris observed on this parcel.	No analytical results were above screening criteria.	FOST	NFA	Shaw 2005a; DTSC 2005a	1
T081	SS T081	A 5,000-gallon untreated sewage spill from Lift Station 17 occurred on April 22, 1988. This spill is documented on Parcels T080, T081, T085, and T086.	Approval for clean-up was not reported. The spill area was sandbagged and vacuumed, the area was flushed, and disinfectant applied. No staining was observed during the 2001 site walk.	FOST	NFA	BCT 2002a	1
T084	SS 201	During the 2004 SEBS VSI, one unidentified stain was observed in the building.	No release has occurred to the environment.	NA	NFA	SulTech 2005a	1
T085	SS 202	During the 2004 SEBS VSI, two identified stains were observed inside the building.	No release has occurred to the environment.	NA	NFA	SulTech 2005a	1
T085	SS T085	A 5,000-gallon untreated sewage spill from Lift Station 17 occurred on April 22, 1988. This spill is documented on Parcels T080, T081, T085, and T086.	Approval for clean-up was not reported. The spill area was sandbagged and vacuumed, the area was flushed, and disinfectant applied. No staining was observed during the 2001 site walk.	NA	NFA	BCT 2002a	1

TABLE 6-9: SUMMARY OF OTHER LOCATIONS OF CONCERN (Continued)

Final, Supplemental Environmental Baseline Survey, Naval Station Treasure Island

EBS Parcel	ID	Location Description	Additional Information	Associated Site	Status	Closure Document	ECP Area Type*
T086	OTH T086	In Feb 2002, IT Corp. located a buried drum near the intersection of 11th St. and Ave. IT Corp. removed and disposed of the drum and excavated the soils surrounding the drum that appeared affected.	IT Corp. sampled the contents of the drum, which was not corroded, and preliminary analytical results indicate the drum contained petroleum products. As a result of the removal action and trenching activities, the Navy recommended NFA.	NA	NFA	Water Board 2003c	2
T086	SS T086A	On August 11,1997, sewage from pressurized sewage main partially discharged to nearby storm drain catch basin at 13th Street/Avenue I. The discharge to storm drain system estimated to have been 800 gallons.	The sewage was immediately vacuumed up. The housing area that feeds the sewage had been vacated as a result of closure; therefore, the discharge was not concentrated sewage, but had the appearance of groundwater. See associated site.	NA	NFA	NAVSTA TI 1997-1998	1
T086	SS T086B	A 5,000-gallon untreated sewage spill from Lift Station 17 occurred on April 22, 1988. This spill is documented on Parcels T080, T081, T085, and T086.	Approval for clean-up was not reported. The spill area was sandbagged and vacuumed, the area was flushed, and disinfectant applied. No staining was observed during the 2001 site walk.	NA	NFA	BCT 2002a	1
T086	SS T086C	On October 26, 1998, sewage was discharged from a pressurized sewage main that partially discharged to nearby storm drain catch basin at 13th Street/Avenue I. The discharge to the storm drain system was estimated to have been 100 gallons.	The sewage was immediately vacuumed up. The housing area that feeds the sewage had been vacated as a result of closure; therefore, the discharge was not concentrated sewage, but had the appearance of groundwater.	NA	NFA	NAVSTA TI 1998-1999	1
T088	OTH T088	Robison-Prezioso Inc. has released lead, zinc and copper to the environment. In addition BTEX was detected in groundwater at low concentrations along with some diesel beneath the tank structure.		NA	NFA	DTSC 2005a	3

TABLE 6-9: SUMMARY OF OTHER LOCATIONS OF CONCERN (Continued)

Final, Supplemental Environmental Baseline Survey, Naval Station Treasure Island

EBS Parcel	ID	Location Description	Additional Information	Associated Site	Status	Closure Document	ECP Area Type*
T089	SS T089	Dark patches of soil were observed in a 1968 aerial photograph. These areas were located northwest of Building 195.	Building 195 is now demolished. No staining was observed in the parking lot or open space. Navy installed two soil borings as part of EBS Data Gaps Investigation (Tetra Tech 2003a). No contaminants above screening levels were identified in sampling results.	NA	NFA	Shaw 2005a; DTSC 2005a	1
T090	SS T090	Dark patches of soil were observed in a 1968 aerial photograph. These areas were located northwest of Building 195, primarily on adjacent parcel T089. Building 195 is now demolished. No staining was observed in the parking lot or open space.	Sampling conducted as part of EBS Data Gaps Investigation (Tetra Tech 2003a) identified no contaminants above screening levels.	NA	NFA	Shaw 2005a; DTSC 2005a	1
T091	OTH T091	Robison-Prezioso Inc. has released lead, zinc and copper to the environment. In addition BTEX was detected in groundwater at low concentrations along with some diesel beneath the tank structure.		NA	NFA	DTSC 2005a	3
T091	SS 540	In 1991, approximately 50 gallons of diesel fuel were released onto this parcel from a pipeline leak. Leak occurred along pipeline that joins Building 540 with AST #540. No record of clean-up.	During the 1995 BCT site walk, the staining was observed to be small and was primarily a maintenance issue. No sampling was warranted.	AST 540	NFA	BCT 2002a; ERM-West 1996a	2
T091	SS T091A	Two small stained areas were identified during the physical inspection of the parcel. Small amounts of dried paint were observed next to a trash dumpster in the southern portion of the parcel. A dark stain measuring approximately 2 feet by 2 feet was also observed.	Parcel is fenced in and used as a site office, trailer, and storage area for California Engineering Contractors Inc. Issue resolved during 2001 site walk.	NA	NFA	BCT 2002a	1

TABLE 6-9: SUMMARY OF OTHER LOCATIONS OF CONCERN (Continued)

Final, Supplemental Environmental Baseline Survey, Naval Station Treasure Island

EBS Parcel	ID	Location Description	Additional Information	Associated Site	Status	Closure Document	ECP Area Type*
T091	SS T091B	From approximately 1986-1988, the west corner of the parcel was reported to be flooded with boiler water. Drains in Building 540 blocked. Unlikely to have an adverse impact on the parcel.	During the Dec 5, 2001 BCT site walk, it was observed that the parcel is fenced, and used as site office trailer and storage for California Engineering Contractors Inc.	NA	NFA	ERM-West 1995; BCT 2002a	1
T092	PB T092	In 1942, a skeet range may have been located on this parcel approximately 400 feet north of 9th Street between Avenues E and F. Building 257 currently occupies the location.	Sampling conducted as part of EBS Data Gaps Investigation (Tetra Tech 2003a) identified no contaminants above screening levels.	NA	NFA	Shaw 2005a; DTSC 2005a	1
T097	SS T097A	Oil-contaminated soil was leaching petroleum products (reported on 11/20/90). The amount released and extent of the affected area is unknown. Soil area was barricaded and covered with tarps.	See associated site.	Petroleum Site 20	NFA	Water Board 2004g	2
T097	SS T097B	Oil and Grease stains noted in an area 2 feet x 2 feet near the oil sump; approximately 30 percent of the southeast side of Building 225 of parking area stained with oil; a large 10 feet x 10 feet stain was found behind the paint spray booth.	See associated site.	Petroleum Site 20	NFA	Water Board 2004g	2
T097	SS T097C	Based on interviews, oils and antifreeze have been dumped on the ground around the auto hobby shop over the years.	See associated site.	Petroleum Site 20	NFA	Water Board 2004g	2
T098	HIST T098	The area was used as a fire fighting training area. Chemicals used for training purposes or combustion byproducts may have containated the soil and groundwater in this area.	Sampling conducted as part of EBS Data Gaps Investigation (Tetra Tech 2003a) identified no contaminants above screening levels.	NA	NFA	Shaw 2005a; DTSC 2005a	1

TABLE 6-9: SUMMARY OF OTHER LOCATIONS OF CONCERN (Continued)

Final, Supplemental Environmental Baseline Survey, Naval Station Treasure Island

EBS Parcel	ID	Location Description	Additional Information	Associated Site	Status	Closure Document	ECP Area Type*
T098	SS 157A	Evidence of spillage was observed in a 1968 photograph; dark-colored soil located north of the main Building 157. Building 157 was used for fire fighting and therefore would have used petroleum products or other fuels.	Sampling conducted as part of EBS Data Gaps Investigation (Tetra Tech 2003a) identified no contaminants above screening levels.	NA	NFA	Shaw 2005a; DTSC 2005a	1
T098	SS 157B	A 16-square foot dark oily stain was observed on the concrete driveway northeast of Building 157 during site inspection and historical aerial photograph review.	This issue was eliminated during the 2003 EBS Data Gaps site walk.	NA	NFA	SulTech 2005a	1
T100	HIST T100	No potential historical adverse use was identified in the 1995 EBS. The city of SF raised questions about former Building 168 (gyroscopic compass shop).	The May 22, 2002 BCT site walk found no evidence of release.	NA; BCT agreed that this was not a site	No closure action required	BCT 2002c	1
T100	SS TX158	An oily stain (estimated to be 9 square feet in size) was observed on the concrete pad beneath the northernmost transformer.	This site was sampled as part of the PCB study. No contaminants were identified above screening levels.	NA	NFA	SULLIVAN/ Tetra Tech 2004; Shaw 2005a; DTSC 2005a	1
T102	HIST T102	No potential historical adverse use was identified in the 1995 EBS. The city of SF raised questions about former Buildings 359, 269, 273, and 288, variously involved in decontamination training.	The May 22, 2002 BCT site walk found no evidence of release. Navy personnel stated that former decontamination training was not likely to result in significant chemical release.	NA;BCT agreed that this was not a site	No closure action required	BCT 2002c	1
T105	SS T105A	On October 26, 1998, sewage from a pressurized sewage main that partially discharged to nearby storm drain catch basin at 13th Street/Avenue I. The discharge to the storm drain system was estimated to have been 100 gallons.	The sewage was immediately vacuumed up. The housing area that feeds the sewage had been vacated as a result of closure; therefore, the discharge was not concentrated sewage, but had the appearance of groundwater.	NA	NFA	NAVSTA TI 1998-1999	1

TABLE 6-9: SUMMARY OF OTHER LOCATIONS OF CONCERN (Continued)

Final, Supplemental Environmental Baseline Survey, Naval Station Treasure Island

EBS Parcel	ID	Location Description	Additional Information	Associated Site	Status	Closure Document	ECP Area Type*
T105	SS T105B	On August 11,1997, sewage discharge from pressurized sewage main partially discharging to nearby storm drain catch basin at 13th Street/Avenue I. The discharge to storm drain system estimated to have been 800 gallons.	The sewage was immediately vacuumed up. The housing area that feeds the sewage had been vacated as a result of closure; therefore, the discharge was not concentrated sewage, but had the appearance of groundwater.	NA	NFA	NAVSTA TI 1997-1998	1
T106	HIST T106	Building 264 was historically used as a morgue and a machine shop. One small stain on floor observed.	1995 BCT site walk determined that sampling was not warranted. The May 22, 2002 BCT site walk found no evidence of a significant release.	NA; BCT agreed that this was not a site	No closure action required	BCT 2002c	1
T106	SS T106A	On October 26, 1998, sewage from a pressurized sewage main partially discharged to nearby storm drain catch basin at 13th Street/Avenue I. The discharge to the storm drain system was estimated to have been 100 gallons.	The sewage was immediately vacuumed up. The housing area that feeds the sewage had been vacated as a result of closure; therefore, the discharge was not concentrated sewage, but had the appearance of groundwater.	NA	NFA	NAVSTA TI 1998-1999	1
T106	SS T106B	On August 11,1997, sewage from pressurized sewage main discharged to nearby storm drain catch basin at 13th Street/Avenue I. The discharge to storm drain system was estimated to have been 800 gallons.	The sewage was immediately vacuumed up. The housing area that feeds the sewage had been vacated as a result of closure; therefore, the discharge was not concentrated sewage, but had the appearance of groundwater.	NA	NFA	NAVSTA TI 1997-1998	1
T106	SS T106C	Approximately 5 gallons of friable asbestos were inadvertently transported to this parcel in 1993; the car and people were decontaminated.	No indication of release to environment.	NA	NFA	ERM-West 1995	1
T108	SS T108A	Historical aerial photographs indicate that much of the ground surface has been covered with large, scattered dark stains throughout its history.	See associated site.	CERCLA Site 06	Requesting NFA	See CERCLA Site 06	6

TABLE 6-9: SUMMARY OF OTHER LOCATIONS OF CONCERN (Continued)

Final, Supplemental Environmental Baseline Survey, Naval Station Treasure Island

EBS Parcel	ID	Location Description	Additional Information	Associated Site	Status	Closure Document	ECP Area Type*
T108	SS T108B	Oily stains were noted throughout the parcel, but concentrated along the northeastern border of the parcel. A stain measuring approximately 10 square feet was noted in the gravel and soil. No cleanup was apparent.	See associated site.	CERCLA Site 06	Requesting NFA	See CERCLA Site 06	2
T109	SS 270	Discoloration was noted along the west side of former Building 270 in a 1947 photo. The majority of this discoloration appears to affect Parcel T110.	The discoloration is not in same location as chemical storage, so there is no reason to believe it was caused by a release.	NA	NFA	BCT 2002c	1
T110	SS T110	Discoloration was noted along the west side of former Building 270 in a 1947 photo.	The discoloration is not in same location as chemical storage, so there is no reason to believe it was caused by a release.	NA	NFA	BCT 2002c	1
T111	HIST T111A	Former Building 336 was a linoleum shop.	Building demolished before early 1960s.	NA; BCT agreed that this was not a site	No closure action required	BCT 2002c	1
T111	SS 463	Approximately 110 gallons of PCB-containing oil were released over an extended period of time from a transformer. The spill was cleaned up in 1988.	Sampling conducted as part of EBS Data Gaps Investigation (Tetra Tech 2003a) identified dioxins, PCBs, and chlordane contaminants above screening levels. The Navy will perform further evaluation as CERCLA Site 32.	See IR Site 32	Sampling	--	6
T111	SS T111	An historical aerial photo (March 24,1975) shows piles of fill or debris on the border between T112 and T111.	The BCT site walk in 1995 concluded no sampling was warranted.	NA	NFA	ERM-West 1996a	1
T112	HIST T112	Potential historical adverse uses of Buildings 56 (shop and storage), 60 (shop and storage), 61 (paint spray shop, storage shed, and carpenter shop), 334 (paint locker). Potential dioxin contamination.	See Site 6.	See Site 6	Issue covered elsewhere	See CERCLA 6	6

TABLE 6-9: SUMMARY OF OTHER LOCATIONS OF CONCERN (Continued)

Final, Supplemental Environmental Baseline Survey, Naval Station Treasure Island

EBS Parcel	ID	Location Description	Additional Information	Associated Site	Status	Closure Document	ECP Area Type*
T112	SS T112A	A 15 square foot stain was observed beneath a motor oil drum.	Staining was not observed during a BCT site walk in 1995; therefore, it was decided no sampling was warranted.	NA	NFA	ERM-West 1996a	1
T112	SS T112B	A diesel stain of approximately 50 square feet was discovered during the 1995 EBS inspection. No cleanup was apparent.	The May 22, 2002 BCT site walk found no current evidence of discoloration.	NA	NFA	BCT 2002c	2
T113	SS T113	Significant discoloration was noted in the open space west of Building 62 in a 1958 aerial photograph.	See associated site.	CERCLA Site 7	TBD	See CERCLA Site 7	6
T114	OTH T114	During petroleum investigations at Site 14/22, the Navy found dioxins exceeding soil screening criteria. Burn Area.	Further investigation is required. A time critical removal action has been proposed in conjunction with work conducted at Site 10.	Petroleum Site 14/22; Site 10	Sampling	--	7
T114	SS 335A	Staining measuring approximately 12 square feet was noted beneath waste oil AST 335A; no cleanup was apparent.	See associated site.	CERCLA Site 10, AST 335A	Prepare RI	See CERCLA Site 10	6
T114	SS T114A	Significant discoloration was noted in a 1968 aerial photograph; the discolored area covered approximately 2,000 square feet.	See associated site.	CERCLA Site 10	Prepare RI	See CERCLA Site 10	6
T114	SS T114B	Scattered staining was noted throughout the floor of Building 335; no cleanup was apparent.	See associated site.	CERCLA Site 10	Sampling	See CERCLA Site 10	6
T115	HIST 445	No potential historical adverse use was identified in the 1995 EBS. The DTSC raised questions about the discharge point of two small floor drains and the past use of concrete filled rectangular areas. Concrete areas were used as support foundations for equipment.	Sampling conducted as part of EBS Data Gaps Investigation (Tetra Tech 2003a) identified metal contaminants above screening levels. The BCT determined that no further investigation is required within Building 445. The Navy will further evaluate the northeastern portion of this parcel, which lies within Parcel T111 as CERCLA Site 32.	NA	NFA	Shaw 2005a; DTSC 2005a	1

TABLE 6-9: SUMMARY OF OTHER LOCATIONS OF CONCERN (Continued)

Final, Supplemental Environmental Baseline Survey, Naval Station Treasure Island

EBS Parcel	ID	Location Description	Additional Information	Associated Site	Status	Closure Document	ECP Area Type*
T116	SS T116A	Heavy paint stains were noted during the site inspection on the sink located in Building 3.	Photographs shown to BCT Jan 2002 showed some staining. Removed from consideration during BCT's SEBS data gap sampling planning.	NA	NFA	BCT 2002d	1
T116	SS T116B	PCB-containing transformer fluids were reportedly spilled in the mid-1980s. The spill was cleaned up.	PWC personnel indicated spill resulted from an interior transformer wall unit that exploded and sprayed oil on an interior wall. Wall was cleaned up properly.	NA	NFA	BCT 2002c	1
T116	SS T116C	On October 3,1998, water from a sink in Room M359 was discharging into a storm drain catch basin to the south side of the building. The sink had been improperly plumbed into the storm drain.	This was an old existing condition and was brought to the attention of the SF Bureau of Building Repair. The sink was taken out of service and the connection capped.	NA	NFA	NAVSTA TI 1998-1999	1
T116	SS T116D	On April 15,1999, a garden hose was discharging potable water, used in closed coil cooling system for the movie production work, to a storm drain on the west side of Building 3.	The discharge was terminated.	NA	NFA	NAVSTA TI 1998-1999	1
T117	HIST 69	Building 69 (which is adjacent to EBS parcel T117) was historically used as an engine and ship fitters shop and garage.	This site was part of the EBS Data Gaps Investigation (Tetra Tech 2003a). The results of the EBS Data Gaps Investigation indicated that the only chemicals detected at the site were metals in groundwater. The BCT concurred that no further investigation is recommended in this area.	NA	NFA	Shaw 2005a; DTSC 2005a	1
T117	OTH T117	A sump located northwest of a storm drain was located; its use is unknown.	The 1995 EBS did not recommend any further investigation of this potential issue.	NA	No closure action required	ERM-West 1995	1

TABLE 6-9: SUMMARY OF OTHER LOCATIONS OF CONCERN (Continued)

Final, Supplemental Environmental Baseline Survey, Naval Station Treasure Island

EBS Parcel	ID	Location Description	Additional Information	Associated Site	Status	Closure Document	ECP Area Type*
T117	SS Lot 69	According to Mike Mentink, NAVSTA TI CSO, the PUC is currently storing transformers in an area granted to them under the CA. They were originally all new non-PCB transformers. Recently, they have been putting transformers that were taken out of service in that area. One such device was found leaking by David Rist of DTSC. We do not know the PCB content of the device that was leaking. The PUC did not put that information in their report to the Navy. There are other transformers that are there now that do not have the "PCB Free" labels on them.	Navy recommends additional investigation.		TBD	--	7
T120	HIST T120	Interview information indicates that a former building on the parcel contained machine shops which may have had historical adverse affects.	The 1995 EBS did not indicate the potential historical adverse use was sufficient to warrant further investigation.	NA	No closure action required	ERM-West 1995	1
T120	SS 600	In August 1993, 7,000 gallons of propane was spilled at the new firefighting school.	The release created a vapor cloud and did not impact surrounding soils.	NA	NA	Radian 1992	1
YB003	PB YB003	The north slope of this parcel was used as a pistol range and small arms target range. It is believed that pistol firing was directed along the slopes of the hills rather than into them.	Sample results indicate that lead was detected above YBI background level, but below PRG.	NA	NFA	Tetra Tech and U&A 1999a	3
YB008	SS YB008	During the site inspection, a dark stain approximately 5 feet by 4 feet in size was noted on the asphalt floor along the north interior wall of Building 221.	No sampling was deemed warranted.	NA	NFA	ERM-West 1995	1
YB015	SS YB015A	Two stains of approximately 1 and 2 square feet were noted on the concrete floor at the base of a transformer.	During the BCT site inspection in 1995, no evidence of stains was observed and, therefore, sampling was not recommended for this parcel in the final EBS sampling work plan.	NA	NFA	ERM-West 1996a	1

TABLE 6-9: SUMMARY OF OTHER LOCATIONS OF CONCERN (Continued)

Final, Supplemental Environmental Baseline Survey, Naval Station Treasure Island

EBS Parcel	ID	Location Description	Additional Information	Associated Site	Status	Closure Document	ECP Area Type*
YB015	SS YB015B	Evidence of minor spills from filling operations was noted on the ground surface beneath the AST.	During the BCT site inspection in 1996, no evidence of stains was observed and, therefore, sampling was not recommended for this parcel in the final EBS sampling work plan.	NA	NFA	ERM-West 1996a	1
YB016	SS 240	During the 2004 SEBS VSI, stains and potential mold (possibly from water damage) were observed in the basement of the apartment complex.	No release has occurred to the environment.	NA	NFA	SulTech 2005a	1
YB019	SS 200	A stain approximately 3 feet by 18 inches was noted on the concrete floor of Building 200; the stain was located below the bank of oil-filled cut-outs, Y-118.	The May 22, 2002 BCT site walk found no evidence of release to surrounding soils.	Y-118	NFA	BCT 2002c	1
YB019	SS YB019	During the 2004 SEBS VSI, a water stain was observed in one of the bedrooms.	No release has occurred to the environment.	NA	NFA	SulTech 2005a	1
YB020	HIST YB020	Activities associated with Buildings T77 (automobile pit), 122 (transformer station), and 253 (machine shop) may represent potentially historical adverse use of the parcel.	The 1995 EBS did not indicate the potential historical adverse use was sufficient to warrant investigation.	NA	No closure action required	ERM-West 1995	1
YB023	SS 213	Minor staining was observed around three transformers within Building 213, but it was deemed unlikely to present an environmental concern.	During the 2001 site walk, the exact locations of the stains or transformers could not be determined. The transformers appear to have been removed. The building has since been demolished.	NA	NFA	BCT 2002a	1
YB024	HIST YB024	Activities associated with the former incinerator and activities associated with the historical railroad tracks may represent potentially historical adverse use of the parcel.	No evidence of a release from these facilities was found; therefore, no sampling was warranted.	NA	No closure action required	ERM-West 1996a	1
YB024	OTH YB024	Historically, railroad tracks extended over this parcel.	The 1995 EBS did not recommend any further investigation of this potential issue.	NA	No closure action required	ERM-West 1995	1

TABLE 6-9: SUMMARY OF OTHER LOCATIONS OF CONCERN (Continued)

Final, Supplemental Environmental Baseline Survey, Naval Station Treasure Island

EBS Parcel	ID	Location Description	Additional Information	Associated Site	Status	Closure Document	ECP Area Type*
YB026	HIST YB026	Building 262 was historically used as a "shop." The type of shop and duration of use is unknown.	Abandoned work benches and various pieces of equipment at the north end of the building were noted during the site inspection. No evidence of a release from the facility was found.	NA	No closure action required	ERM-West 1996a	1
YB026	SS 262	Dark oil-like stains were noted on the concrete floor inside Building 262. The stains are irregular in shape, less than 50 square feet, and predominantly along railroad tracks.	The 1995 BCT site walk indicated that these stains were limited to the concrete surface, and therefore, no sampling was warranted. The building, currently owned by CalTrans, could not be accessed during the 2001 site walk. The DTSC requested that the Navy arrange a site visit.	NA	TBD	---	6

TABLE 6-9: SUMMARY OF OTHER LOCATIONS OF CONCERN (Continued)

Notes:

--	Not closed at the time of the SEBS
*	The ECP classifications identified in this table pertain only to the other locations of concern. For the overall ECP classification assigned to EBS Parcels, please refer to Table 8-1.
AST	Aboveground storage tank
BATF	Bureau of Alcohol, Tobacco and Firearms
BCT	Base Realignment and Closure Cleanup Team
BTEX	Benzene, toluene, ethylbenzene, and toluene
CCSF	City and County of San Francisco
CERCLA	Comprehensive Environmental Response, Compensation, and Liability Act
DTSC	California Department of Toxic Substances Control
EBS	Environmental baseline survey
ECP	Environmental condition of property
EPA	U.S. Environmental Protection Agency
ERM-West	ERM-West, Inc.
FOST	Finding of suitability to transfer
ID	Identification
IT Corp.	International Technology Corporation
NA	Not applicable
NAVSTA TI	Naval Station Treasure Island
Navy	U.S. Department of the Navy
NE	Northeast
NFA	No further action
PCB	Polychlorinated biphenyl
PRG	Preliminary remediation goal
PWC	Navy Public Works Center
Radian	Radian International LLC
RI	Remedial investigation
ROD	Record of decision
SE	Southeast
SEBS	Supplemental environmental baseline survey
SF	San Francisco
SFFD	San Franciso Fire Department
Shaw	Shaw Environmental Inc.
Sultech	A joint venture of Sullivan Consulting Group and Tetra Tech EMI Inc.
TBD	To be determined
Tetra Tech	Tetra Tech EM Inc.
TI	Treasure Island
µg/L	Micrograms per liter
U&A	Uribe and Associates
UST	Underground storage tank
UT	Utilities
VSI	Visual site inspection
Water Board	California Regional Water Quality Control Board

Site Identification Categories:

GW	Potential groundwater contamination from adjacent parcels
HIST	Potential historic adverse use
OTH	Other
PB	Lead (not related to lead-based paint)
SS	Spills and stains

TABLE 6-9: SUMMARY OF OTHER LOCATIONS OF CONCERN (Continued)

References:

BCT 2002a. Meeting Minutes, January 8, 2002.

BCT 2002b. Meeting Minutes, February 5, 2002.

BCT 2002c. Meeting Minutes, June 4, 2002.

BCT 2002d. Meeting Minutes, September 10, 2002.

BCT 2004. Meeting Minutes, September 2004.

DTSC. 2005b. Letter Regarding Concurrence on Final Field Activity Report, Environmental Baseline Survey Data Gaps Investigation, Naval Station Treasure Island, San Francisco. From David Rist, Hazardous Substances Scientist, DTSC. To Scott Anderson, RPM, SWDIV. March 11.

ERM-West 1995. "Basewide Environmental Baseline Survey Report, Naval Station Treasure Island." May 19.

ERM-West 1996a. "Final Environmental Baseline Survey Sampling Workplan for Naval Station Treasure Island." April.

ERM-West 1996b. "Parcel-Specific Environmental Baseline Survey for Parcels T005 and T006 at Naval Station Treasure Island." August 3.

NAVSTA TI 1997-1998. "Quarterly Visual Observations (Unauthorized Non-Storm Water Discharges), Storm Water Annual Report."

NAVSTA TI 1998-1999. "Quarterly Visual Observations (Unauthorized Non-Storm Water Discharges), Storm Water Annual Report."

Radian 1992. “Hazardous Waste Management Plan (HWMP) for Naval Station Treasure Island, Draft.” Western Division, Naval Facilities Engineering Command. July.

Shaw 2005a. "Final Field Activity Report Environmental Baseline Survey Data Gaps Investigation Naval Station Treasure Island San Francisco, California. " February 22.

SULLIVAN /Tetra Tech 2004. "Draft PCB Summary Report, Former Naval Station Treasure Island, San Francisco, California." November

Sultech. 2005. "Revised Draft Final Supplemental Environmental Baseline Survey Treasure Island, San Francisco, California." Prepared for BRAC PMO West. March 10.

Tetra Tech and U&A 1999a. "Environmental Baseline Survey Sampling and Analysis Summary Report Naval Station Treasure Island, San Francisco, California." January 8.

Tetra Tech and U&A 1999b. "Draft Phase IIa Transfer Area Supplemental Environmental Baseline Survey Naval Station Treasure Island San Francisco, California." June 9.

Tetra Tech 2001c. “Final Remedial Investigation Offshore Sediments Operable Unit.” December 28.

TABLE 6-9: SUMMARY OF OTHER LOCATIONS OF CONCERN (Continued)

Tetra Tech. 2003a. "Final Sampling and Analysis Plan Environmental Baseline Survey Data Gaps Investigation Naval Station Treasure Island San Francisco, California." April 1.

Tetra Tech 2004. "Revised Draft Final Environmental Baseline Survey Treasure Island, San Francisco, California." December 15.

Navy. 2005a. Letter Regarding Historical Radiological Assessment for the FOST Area, Former NAVSTA TI, San Francisco, California. From James H. Whitcomb, RPM, former NAVSTA TI, San Francisco, California to BCT. March 1.

Navy. 2005b. "Installation Restoration at Site 13, Offshore Sediments, Record of Decision, former Naval Station, Treasure Island, San Francisco, California." April 7.

Water Board. 1996. Letter Regarding UST Case Closure (Tanks 1B, 1C, 1D, 1F, 2A, 2D, 111, 169, 180A, 180B, 330C, 330D) NAVSTA TI. From Loretta K. Barsamian, Executive Officer, Water Board. To Baha Zarah, Navy, EFA WEST. July 22. Naval Station Treasure Island, San Francisco, CA.

Water Board 2003c. Letter Regarding Concurrence on Parcel T086 Trenching Post-Construction Summary Report, NAVSTA TI, San Francisco. From Sarah Raker, Engineering Geologist, Water Board. To Ellen Casados, RPM, SWDIV. July 9.

Water Board. 2003f. Letter Regarding Transmittal of the Closure Letter and Site Summary for DoD USTs at NAVSTA TI, San Francisco, California, including: UST 368B. From Bruce H. Wolfe, Executive Director, Water Board. To Ellen Casados, SWDIV. December 17.

Water Board. 2004a. Letter Regarding Concurrence on Final Corrective Action Plan (CAP), Inactive Fuel Lines, NAVSTA TI, San Francisco. From Sarah Raker, Engineering Geologist, Water Board. To Ellen Casados, RPM, SWDIV. February 10.

Tetra Tech and U&A 1999b. "Draft Phase IIa Transfer Area Supplemental Environmental Baseline Survey Naval Station Treasure Island San Francisco, California." June 9.

Tetra Tech 2001c. “Final Remedial Investigation Offshore Sediments Operable Unit.” December 28.

Tetra Tech. 2003a. "Final Sampling and Analysis Plan Environmental Baseline Survey Data Gaps Investigation Naval Station Treasure Island San Francisco, California." April 1.

Tetra Tech 2004. "Revised Draft Final Environmental Baseline Survey Treasure Island, San Francisco, California." December 15.

Navy. 2005a. Letter Regarding Historical Radiological Assessment for the FOST Area, Former NAVSTA TI, San Francisco, California. From James H. Whitcomb, RPM, former NAVSTA TI, San Francisco, California to BCT. March 1.

Navy. 2005b. "Installation Restoration at Site 13, Offshore Sediments, Record of Decision, former Naval Station, Treasure Island, San Francisco, California." April 7.

TABLE 6-9: SUMMARY OF OTHER LOCATIONS OF CONCERN (Continued)

Water Board. 1996. Letter Regarding UST Case Closure (Tanks 1B, 1C, 1D, 1F, 2A, 2D, 111, 169, 180A, 180B, 330C, 330D) NAVSTA TI. From Loretta K. Barsamian, Executive Officer, Water Board. To Baha Zarah, Navy, EFA WEST. July 22. Naval Station Treasure Island, San Francisco, CA.

Water Board 2003c. Letter Regarding Concurrence on Parcel T086 Trenching Post-Construction Summary Report, NAVSTA TI, San Francisco. From Sarah Raker, Engineering Geologist, Water Board. To Ellen Casados, RPM, SWDIV. July 9.

Water Board. 2003f. Letter Regarding Transmittal of the Closure Letter and Site Summary for DoD USTs at NAVSTA TI, San Francisco, California, including: UST 368B. From Bruce H. Wolfe, Executive Director, Water Board. To Ellen Casados, SWDIV. December 17.

Water Board. 2004a. Letter Regarding Concurrence on Final Corrective Action Plan (CAP), Inactive Fuel Lines, NAVSTA TI, San Francisco. From Sarah Raker, Engineering Geologist, Water Board. To Ellen Casados, RPM, SWDIV. February 10.

Water Board. 2004g. Letter Regarding Concurrence on Request for NFA, Site 20, Naval Station Treasure Island, San Francisco. From Sarah Raker, Engineering Geologist, Water Board. To Ellen Casados, RPM, SWDIV. June 17.

TABLE 6-10: SUMMARY OF OIL-WATER SEPARATORS

Final, Supplemental Environmental Baseline Survey, Naval Station Treasure Island

EBS Parcel	Identification	Description	Material Stored/ Disposed	Capacity (gallons)	Status	Closure Document	ECP Area Type*
S002	OWS S2	Offshore, partially submerged, floating "donuts" were used as oil-water separators.	Bilge water	Unknown	Removed	Navy 2005b	1
T005	OWS T005	A potential oil-water separator is in a drain north of Building 180.	Unknown	Unknown	Previously Suspected	ERM-West 1996a; Shaw 2005a	1
T007	OWS 41	An old sump or oil-water separator is suspected present in Building 41. It is unclear whether this unit is connected to the storm sewer system.	Unknown	Unknown	Never existed	PRC 1997b	1
T108	OWS 248C	An oil-water separator is associated with UST 248C and Petroleum Site 6.	Waste oil	Unknown	Removed	See Petroleum Site 6	2
T108	OWS 248D	An oil-water separator is associated with UST 248D and Petroleum Site 6.	Waste oil	Unknown	Removed	See Petroleum Site 6	2

Notes:

*	The ECP classifications identified in this table pertain only to the oil-water separators issue. For the overall ECP classification assigned to EBS Parcels, please refer to Table 8-1.
CERCLA	Comprehensive Environmental Response, Compensation, and Liability Act
EBS	Environmental baseline survey
ECP	Environmental condition of property
ERM-West	ERM-West, Inc.
OWS	Oil-water separator
PRC	PRC Environmental Management, Inc.
UST	Underground storage tank

References:

ERM- West, Inc. 1996a. "Final Environmental Baseline Survey Sampling Workplan for Naval Station Treasure Island." April.

Navy. 2005b. "Installation Restoration at Site 13, Offshore Sediments, Record of Decision, former Naval Station, Treasure Island, San Francisco, California." April 7.

PRC. 1997b. “Draft Final Onshore Remedial Investigation Report, Naval Station Treasure Island.” EFA West. September 1.

Shaw. 2005a. "Final Field Activity Report Environmental Baseline Survey Data Gaps Investigation Naval Station Treasure Island San Francisco, California. " May 9.

TABLE 6-11: SUMMARY OF MUNITIONS AND EXPLOSIVES OF CONCERN STORAGE AREAS

Final, Supplemental Environmental Baseline Survey, Naval Station Treasure Island

EBS Parcel	ID	Building	Building Status	Description	Closure Document	ECP Area Type
T006	ORD 144	144	Demolished	Explosives were stored in former Building 144.	ERM-West 1995	1
T006	ORD 454	454	Present	Military weapons and ammunition were formerly stored in Building 454.	NA	1
T056	ORD 107	107	Present	Ammunition was formerly stored in Building 107. Approximately 350 rounds were stored during the 1995 EBS inspection.	ERM-West 1995	1
T067	ORD 458	458	Present	Building 458 was formerly used as a pyrotechnics magazine; no information is available on types or quantities.	ERM-West 1995	1
T092	ORD T092	NA	NA	In 1942, a skeet range may have been located on this parcel approximately 400 feet north of 9th Street between Avenues E and F. Building 257 currently occupies the location. No closeout is required as an ordnance site. See Other Site PB T092 for related lead issue.	Not required	1
T103	ORD T103	NA	NA	Twenty-one former buildings on this parcel were reportedly used for ammunition storage.	ERM-West 1995	1
T109	ORD 276	276	Demolished	Former Building 276 was a rod and gun locker.	ERM-West 1995	1
T109	ORD 55	55	Demolished	Former Building 55 was a rod and gun locker and storage area for inert arms.	ERM-West 1995	1
T111	ORD 42	42	Demolished	Former Building 42 was used for pyrotechnics and small arms storage.	Not required	1
YB003	ORD YB003	NA	NA	The north slope of this parcel was used as a pistol range and small arms target range. It is believed that pistol firing was directed along the slopes of the hills, rather than into them. See Other Site PB YB003 for related lead issue.	Not required	1
YB020	ORD 92	92	Demolished	Building 92, a small arms magazine, was located on this parcel until it was demolished in 1961.	ERM-West 1995	1
YB026	ORD YB026	262	Present	Building 262 was originally used as a mine storage warehouse.	Not required	1

TABLE 6-11: SUMMARY OF MUNITIONS AND EXPLOSIVES OF CONCERN STORAGE AREAS (Continued)

Final, Supplemental Environmental Baseline Survey, Naval Station Treasure Island

Notes:

* The ECP classifications identified in this table pertain only to the munitions and explosives of concern areas. For the overall ECP classification assigned to the EBS Parcel, please refer to Table 8-1.

EBS Environmental baseline survey

ECP Environmental condition of property

ID Identification

NA Not applicable

PB Lead

References:

ERM- West, Inc. 1995. "Basewide Environmental Baseline Survey Report for Naval Station Treasure Island." May 19.

TABLE 6-12: SUMMARY OF PESTICIDE USAGE

Final, Supplemental Environmental Baseline Survey, Naval Station Treasure Island

EBS Parcel	Identification	Location Description	Additional Information	Status	Closure Document	ECP Area Type*
T093	PEST T093	Two greenhouses (Buildings 122 and 331) and a nursery reportedly were constructed on this parcel in 1944 and were demolished prior to December 1961.	Sampling conducted as part of EBS Data Gaps Investigation (Tetra Tech 2003a) identified no contaminants above screening levels.	NFA	Shaw 2005a; DTSC 2005b	3
T107	PEST 292	Building 292 contained a pest control shop. There were large amounts of pesticide and herbicide stored from 1955 to the early 1960s. Smaller amounts of pesticide were stored until base closure. As of 1995, 2 gallons of liquid pesticide and 125 gallons of solid insecticide were stored, and most mixing activities were conducted off base. A sign on the north end of Building 292 warned that personal protective equipment was required. A sign outside the southern portion of Building 292 read "Warning: Pesticides."	Sampling conducted as part of EBS Data Gaps Investigation (Tetra Tech 2003a) identified no contaminants above screening levels.	NFA	Shaw 2005a; DTSC 2005a	3
T113	PEST T113	Pesticide-mixing activities were conducted on the parcel from 1955 until at least the early-1960s.	See associated site.	Sampling	See CERCLA Site 07	6
T114	PEST T114	Pesticide-mixing activities were conducted on the parcel from 1953 to 1955.	See associated site.	Sampling	See CERCLA Site 10	6

Notes:

*	The ECP classifications identified in this table pertain only to the pesticide issue. For the overall ECP classification assigned to EBS Parcels, please refer to Table 8-1.
CERCLA	Comprehensive Environmental Response, Compensation, and Liability Act
EBS	Environmental baseline survey
ECP	Environmental condition of property
NFA	No further action
Shaw	Shaw Environmental Inc.
Tetra Tech	Tetra Tech EM Inc.

TABLE 6-12: SUMMARY OF PESTICIDE USAGE (Continued)

Final, Supplemental Environmental Baseline Survey, Naval Station Treasure Island

References:

Shaw 2005. "Final Field Activity Report Environmental Baseline Survey Data Gaps Investigation Naval Station Treasure Island San Francisco, California. " May 9.

Tetra Tech. 2003a. "Final Sampling and Analysis Plan Environmental Baseline Survey Data Gaps Investigation Naval Station Treasure Island San Francisco, California." April 1.

TABLE 6-13: SUMMARY OF HAZARDOUS WASTE STORAGE OR GENERATION LOCATIONS

Final, Supplemental Environmental Baseline Survey, Naval Station Treasure Island

EBS Parce	Identification	Building	Location Description	Status	Closure Document	ECP Area Type*
T005	HW T005	180	During the 1995 EBS site inspection, PWC Transportation generated and stored waste oil from vehicle maintenance and waste automotive fluids (such as antifreeze) in the northwestern corner of Building 180.	No closure action required	BCT 2002c	1
T006	HW T006A		The Mobile Inshore Undersea Warfare Unit stored waste oil, fuel, and antifreeze near Building 346 in 55-gallon drums until they were removed to Lot 69 (see site HW IDW).	No closure action required	NA	1
T006	HW T006B		Historical storage of hazardous materials occurred and was associated with vehicle maintenance.	No closure action required	NA	1
T008	HW T008A		During the 1995 EBS site inspection, waste oil was stored in several dumpsters without secondary containment by the shoreline south of Pier 1.	No closure action required	ERM-West 1995	1
T008	HW T008B		Ship Intermediate Maintenance temporarily stored hazardous materials here until it was removed to Naval Air Station Alameda.	No closure action required	ERM-West 1995	1
T008	HW T008C		Port Operations generated waste (paint, oil, and cleaning solvents) and temporarily stored it in drums near the southeastern corner of Building 3 prior to disposal. Disposal occurred about once per quarter.	No closure action required	ERM-West 1995	1
T015	HW T015		Waste was stored before transfer to Lot 69 (see site HW IDW). Typically, no more then two 55-gallon drums of waste oil and 45 pounds of empty containers were present at one time.	No closure action required	NA	1
T042	HW T042		Infectious medical waste was red-bagged and stored outside Building 442. The waste was removed weekly.	No closure action required	ERM-West 1995	1
T048	HW T048		Stockpiled contaminated soil that was excavated from IR Site 20 was stored in this parcel during the 1995 EBS inspection. The stockpile was underlain by plastic liners. It was intended to be a "bio-farm" for soil bioremediation. Reportedly, no bioremed	No closure action required	BCT 2002c	1

TABLE 6-13: SUMMARY OF HAZARDOUS WASTE STORAGE OR GENERATION LOCATIONS (Continued)

Final, Supplemental Environmental Baseline Survey, Naval Station Treasure Island

EBS Parce	Identification	Building	Location Description	Status	Closure Document	ECP Area Type*
T056	HW T056A	107	Gun maintenance activities generated small quantities of waste rags containing solvent and oil.	No closure action required	ERM-West 1995	1
T056	HW T056B	99	Waste rags contaminated with inks and solvent were collected in metal containers. Photographic solutions in the dark room were disposed of in the drain, which is connected to the sanitary sewer system. Empty drums of type wash were disposed of by the TI	No closure action required	ERM-West 1995	1
T057	HW T057		ACM debris was disposed of south of Building 455; one 5-gallon drum (labeled "Haz. Waste") was noted southeast of Building 455 during the EBS site inspection.	No closure action required	ERM-West 1995	1
T066	HW IDWA		The Hydraulic Training School generated waste oil that was stored in 55-gallon drums northeast of Building 342.	NFA	See Petroleum Site 04/19; Shaw 2005a; DTSC 2005a	1
T066	HW IDWB		The Refuse Transfer Area was located on this parcel from about 1953. Hazardous waste, including automotive batteries, paints, solvents, and oil, may have formerly passed through the area. During the 1995 EBS site inspection, only solid waste was handled	NFA	See Petroleum Site 04/19; Shaw 2005a; DTSC 2005a	1
T066	HW IDWC		Currently, the parcel contains part of an IDW storage yard. Purge and development water and soil cuttings generated from remedial investigations are temporarily stored here.	NFA	See Petroleum Site 04/19; Shaw 2005a; DTSC 2005a	1
T067	HW T067		The Refuse Transfer Area was located on the eastern portion of this parcel from about 1953. Hazardous waste, including automotive batteries, paints, solvents, and oil, may have formerly passed through the area.	No closure action required	ERM-West 1995	1

TABLE 6-13: SUMMARY OF HAZARDOUS WASTE STORAGE OR GENERATION LOCATIONS (Continued)

Final, Supplemental Environmental Baseline Survey, Naval Station Treasure Island

EBS Parce	Identification	Building	Location Description	Status	Closure Document	ECP Area Type*
T088	HW T088		From October 1993 to March 1994, this parcel was used as a lay-down area for asbestos abatement activities being conducted at the former brig on Parcel T090.	No closure action required	ERM-West 1995	1
T097	HW T097		Oil filters were found during the inspection on November 3, 1994. As of June 1991, household wastes (latex paint, waste oil, and auto batteries) were stored on the parcel. As of 1992, the wastes, including paints and solvents, were disposed on Lot 69.	No closure action required	ERM-West 1995	1
T106	HW T106		According to historical information, waste paint, adhesives, and solvents were stored in the lot adjacent to Building 264 in 1992. These materials were reportedly generated at Building 264.	No closure action required	BCT 2002c	1
T107	HW T107	292	Hazardous materials were stored at Building 292 and includes paint, oils, detergents, soldering material and aerosol cans in varying quantities.	No closure action required	ERM-West 1995	1
T110	HW T110	461	According to a 1992 document, 100 pounds of mercuric nitrate was generated each quarter by the Naval Technical Training Center. It was stored in 50-liter plastic bottles and then transported to Lot 69 (see site HW IDW) for off-site disposal.	No closure action required	ERM-West 1995	1
T115	HW T115		Used oily rags were located in 5-gallon metal containers.	No closure action required	ERM-West 1995	1
T117	HW IDW		This parcel was used as a 90-day hazardous waste accumulation area and is presently part of an IDW storage yard. According to historical information, large quantities of numerous types of hazardous waste were stored at this parcel before off-site disp.	NFA	See Petroleum Site 04/19; Shaw 2005a; DTSC 2005a	1
T120	HW T120		About 100 gallons of waste petroleum products and non-halogenated organic compounds are generated by and stored at the Fire Fighting School each year. About 21 55-gallon drums of waste-oxygen-breathing apparatus canisters, which contain lithium hydroxide	No closure action required	NA	1

TABLE 6-13: SUMMARY OF HAZARDOUS WASTE STORAGE OR GENERATION LOCATIONS (Continued)

Final, Supplemental Environmental Baseline Survey, Naval Station Treasure Island

EBS Parce	Identification Building	Location Description	Status	Closure Document	ECP Area Type*
YB020	HW YB020	During excavation of a utility trench in 2002, Caltrans discovered debris containing dry cell batteries. The area was excavated and all battery-laden debris was removed.	Continued field work	--	6
YB022	HW YB022	During excavation of a utility trench in 2002, Caltrans discovered debris containing dry cell batteries. The area was excavated and all battery-laden debris was removed.	Continued field work	--	6

Notes:

* The ECP classifications identified in this table pertain only to the hazardous wastes storage or generation issues. For the overall ECP classification assigned to EBS Parcels, please refer to Table 8-1.

ACM Asbestos containing material
BCT BRAC Cleanup Team
Caltrans California Departmnet of Transportation
EBS Environmental baseline survey
ECP Environmental condition of property
IDW Investigation derived waste
NA Not applicable
PWC Navy Public Works Center
SEBS Supplemental Environmental Baseline Survey
TI Treasure Island
TIDA Treasure Island Development Authority

References:

ERM-West. 1995. "Basewide Environmental Baseline Survey Report, Naval Station Treasure Island." May 19.

BCT 2002c. Meeting Minutes, June 4, 2002.

Shaw. 2005a. "Final Field Activity Report Environmental Baseline Survey Data Gaps Investigation Naval Station Treasure Island San Francisco, California. " May 9.

TABLE 6-14: SUMMARY OF EQUIPMENT WITH DIELECTRIC FLUID THAT MAY CONTAIN PCBs

Final, Supplemental Environmental Baseline Survey, Naval Station Treasure Island

EBS Parcel	Identification	Equipment Type	Equipment Status	Equipment Serial Number	Navy Number	Staining	Closure Document	ECP Area Type^*
T002	PCB 627362J88	Oil-filled transformer	Present	627362J88	Unknown	Staining	SULLIVAN/Tetra Tech 2004	3
T002	PCB EP-1	Pad	Present	NA	NA	No	SULLIVAN/Tetra Tech 2004	3
T002	PCB T-1030	Transformer	Removed	T-1030	T-1030	Unknown	SULLIVAN/Tetra Tech 2004	1
T002	PCB T-1032	Transformer or switch	Removed	TX-1032	T-1032	Unknown	SULLIVAN/Tetra Tech 2004	1
T002	PCB TX-143	Oil-filled pad-mounted transformer	Removed	21607	TX-143F	Unknown	SULLIVAN/Tetra Tech 2004	1
T003	PCB 16601	Oil-filled transformer	Removed	16601	11-80	Unknown	SULLIVAN/Tetra Tech 2004	1
T003	PCB 16603	Oil-filled switch	Removed	16603	8-80	None	SULLIVAN/Tetra Tech 2004	1
T003	PCB T-114A	Oil-filled switch	Present	11-80	T-114A	None	--	4
T003	PCB T-114B	Oil-filled switch	Present	8-80	T-114B	None	--	4
T003	PCB TX-140	Oil-filled transformer	Present	86V6741	TX-140	None	--	4
T003	PCB TX-2045	Oil-filled transformer	Present	Unknown	TX-2045	None	--	4
T005	PCB HL180 (1)	Hydraulic Lift	Removed	Unknown	NA	Decontaminated	SULLIVAN/Tetra Tech 2004	1
T005	PCB HL180 (2)	Hydraulic Lift	Removed	Unknown	NA	Decontaminated	SULLIVAN/Tetra Tech 2004	1
T005	PCB HL180 (3)	Hydraulic Lift	Removed	Unknown	NA	Decontaminated	SULLIVAN/Tetra Tech 2004	1
T005	PCB SW 11-80A (1)	Switch	Present	11-80A (1)	11-80A (1)	Staining	SULLIVAN/Tetra Tech 2004	3
T005	PCB SW 11-80C	Switch	Present	11-80C	11-80C	Staining	SULLIVAN/Tetra Tech 2004	3
T005	PCB SW 3-81	Switch	Present	3-81	11-81B	Staining	SULLIVAN/Tetra Tech 2004	3

TABLE 6-14: SUMMARY OF EQUIPMENT WITH DIELECTRIC FLUID THAT MAY CONTAIN PCBs (Continued)

Final, Supplemental Environmental Baseline Survey, Naval Station Treasure Island

EBS Parcel	Identification	Equipment Type	Equipment Status	Equipment Serial Number	Navy Number	Staining	Closure Document	ECP Area Type^*
T005	PCB TX-119A	Oil-filled pad-mounted transformer	Present	N299605YETA	TX-119A	None	SULLIVAN/Tetra Tech 2004	3
T005	PCB TX-119B	Oil-filled pad-mounted transformer	Present	N299606YETA	TX-119B	None	SULLIVAN/Tetra Tech 2004	1
T005	PCB TX-119C	Oil-filled pad-mounted transformer	Present	N299607YETA	TX-119C	None	SULLIVAN/Tetra Tech 2004	1
T006	PCB EP 6-1	pad	Present	EP 6-1	EP 6-1	None	SULLIVAN/Tetra Tech 2004	3
T006	PCB HL448	Hydraulic Lift	Removed	Unknown	NA	Decontaminated	SULLIVAN/Tetra Tech 2004	1
T006	PCB T006A	Dry transformer	Not located	Unknown	Unknown	Unknown	SULLIVAN/Tetra Tech 2004	1
T006	PCB T006B	Oil-filled transformer	Removed	Unknown	Unknown	None	SULLIVAN/Tetra Tech 2004	1
T006	PCB T006C	Dry transformer	Not located	Unknown	Unknown	Unknown	SULLIVAN/Tetra Tech 2004	1
T006	PCB T006D	Dry transformer	Not located	Unknown	Unknown	Unknown	SULLIVAN/Tetra Tech 2004	1
T006	PCB T-1128	Switch	Present	T-1128	T-1128	None	SULLIVAN/Tetra Tech 2004	1
T006	PCB T-1130	Switch	Present	T-1130	T-1130	None	SULLIVAN/Tetra Tech 2004	1
T006	PCB TX-116	Oil-filled transformer	Present	83JB879014	TX-116	None	SULLIVAN/Tetra Tech 2004	1
T006	PCB TX-117	Oil-filled transformer	Present	83JB878024	TX-117	None	SULLIVAN/Tetra Tech 2004	1
T007	PCB HL41	Hydraulic Lift	Removed	Unknown	NA	Decontaminated	SULLIVAN/Tetra Tech 2004	1
T008	PCB 5808621	Oil-filled transformer	Not located	5808621	TX-2025	Unknown	SULLIVAN/Tetra Tech 2004	1

TABLE 6-14: SUMMARY OF EQUIPMENT WITH DIELECTRIC FLUID THAT MAY CONTAIN PCBs (Continued)

Final, Supplemental Environmental Baseline Survey, Naval Station Treasure Island

EBS Parcel	Identification	Equipment Type	Equipment Status	Equipment Serial Number	Navy Number	Staining	Closure Document	ECP Area Type^*
T008	PCB 5808622	Oil-filled transformer	Not located	5808622	Unknown	Unknown	SULLIVAN/Tetra Tech 2004	1
T008	PCB 83A161095	Oil-filled transformer	Not located	83A161095	Unknown	Unknown	SULLIVAN/Tetra Tech 2004	1
T008	PCB 83A161096	Oil-filled transformer	Not located	83A161096	Unknown	Unknown	SULLIVAN/Tetra Tech 2004	1
T008	PCB 93-52125	Transformer	Present	93-52125	Unknown	Staining	SULLIVAN/Tetra Tech 2004	3
T008	PCB D119469	Oil-filled capacitor	Removed	D119469	Unknown	Unknown	SULLIVAN/Tetra Tech 2004	1
T008	PCB D119490	Oil-filled capacitor	Removed	D119490	Unknown	Unknown	SULLIVAN/Tetra Tech 2004	1
T008	PCB D119496	Oil-filled capacitor	Removed	D119496	Unknown	Unknown	SULLIVAN/Tetra Tech 2004	1
T008	PCB D119533	Oil-filled capacitor	Removed	D119533	Unknown	Unknown	SULLIVAN/Tetra Tech 2004	1
T008	PCB D119552	Oil-filled capacitor	Removed	D119552	Unknown	Unknown	SULLIVAN/Tetra Tech 2004	1
T008	PCB D119566	Oil-filled capacitor	Removed	D119566	Unknown	Unknown	SULLIVAN/Tetra Tech 2004	1
T008	PCB D300416	Oil-filled transformer	Removed	D300416	Unknown	Unknown	SULLIVAN/Tetra Tech 2004	1
T008	PCB MH-1+	Oil-filled transformer	Present	MH-1	MH-1	None	--	7
T008	PCB PB26230303	Transformer	Present	PB26230303	Unknown	None	SULLIVAN/Tetra Tech 2004	1
T008	PCB T008A	Transformer	Not located	Unknown	Unknown	Unknown	SULLIVAN/Tetra Tech 2004	1
T008	PCB T008B	Transformer	Present	Unknown	Unknown	None	SULLIVAN/Tetra Tech 2004	1
T008	PCB T008C	Oil-filled switch	Not located	611-78-0337	Unknown	Unknown	SULLIVAN/Tetra Tech 2004	1

TABLE 6-14: SUMMARY OF EQUIPMENT WITH DIELECTRIC FLUID THAT MAY CONTAIN PCBs (Continued)

Final, Supplemental Environmental Baseline Survey, Naval Station Treasure Island

EBS Parcel	Identification	Equipment Type	Equipment Status	Equipment Serial Number	Navy Number	Staining	Closure Document	ECP Area Type^*
T008	PCB T-1006	Oil-filled switch	Removed	TX-1006	T-1006	Unknown	SULLIVAN/Tetra Tech 2004	1
T008	PCB T-1008	Oil-filled switch	Removed	T-1008	T-1008	Unknown	SULLIVAN/Tetra Tech 2004	1
T008	PCB T-1010	Oil-filled switch	Removed	T-1010	T-1010	Unknown	SULLIVAN/Tetra Tech 2004	1
T008	PCB T-1877	Transformer	Present	88-51446	T-1877	None	SULLIVAN/Tetra Tech 2004	1
T008	PCB TX-192 (2)	Oil-filled transformer	Not located	Unknown	TX-192 (2)	Unknown	SULLIVAN/Tetra Tech 2004	1
T008	PCB TX-193	Oil-filled transformer	Not located	PRE-0389	TX-193	Unknown	SULLIVAN/Tetra Tech 2004	1
T008	PCB TX-194	Oil-filled transformer	Not located	TX-194	TX-194	Unknown	SULLIVAN/Tetra Tech 2004	1
T009	PCB EP 9-1	Pad	Present	NA	NA	No	SULLIVAN/Tetra Tech 2004	3
T010	PCB 5H-25	Switch	Present	NA	NA	No	SULLIVAN/Tetra Tech 2004	1
T010	PCB T010A	Transformer	Not located	Unknown	Unknown	Unknown	SULLIVAN/Tetra Tech 2004	1
T010	PCB T010B	Oil-filled switch	Not located	Unknown	Unknown	Unknown	SULLIVAN/Tetra Tech 2004	1
T010	PCB T-10	Switch	Present	Unknown	Unknown	No	SULLIVAN/Tetra Tech 2004	1
T010	PCB T-1088	Transformer or switch	Not located	T-1088	T-1088	None	SULLIVAN/Tetra Tech 2004	1
T010	PCB T-1100	Transformer or switch	Removed	7522885	T-1100	None	SULLIVAN/Tetra Tech 2004	1
T010	PCB T-1102	Switch	Present	7522902	T-1102	None	SULLIVAN/Tetra Tech 2004	3

TABLE 6-14: SUMMARY OF EQUIPMENT WITH DIELECTRIC FLUID THAT MAY CONTAIN PCBs (Continued)

Final, Supplemental Environmental Baseline Survey, Naval Station Treasure Island

EBS Parcel	Identification	Equipment Type	Equipment Status	Equipment Serial Number	Navy Number	Staining	Closure Document	ECP Area Type^*
T010	PCB T83F09704	Oil-filled switch	Present	T83F09704	Unknown	None	SULLIVAN/Tetra Tech 2004	1
T010	PCB TX-1	Oil-filled pole-mounted transformer	Present	HI13083	TX-1	None	SULLIVAN/Tetra Tech 2004	3
T010	PCB TX-120	Oil-filled transformer	Present	83JA864073	TX-120	None	--	4
T010	PCB TX-121	Oil-filled transformer	Present	83JB875057	TX-121	None	SULLIVAN/Tetra Tech 2004	3
T010	PCB TX-2033	Oil-filled pole-mounted transformer	Present	340801	TX-2033	None	SULLIVAN/Tetra Tech 2004	3
T012	PCB TX-42	Oil-filled pole-mounted transformer	Removed	83A262404	TX-42	Unknown	SULLIVAN/Tetra Tech 2004	1
T015	PCB T015A	Oil-filled pole-mounted transformer	Not located	Unknown	Unknown	Unknown	SULLIVAN/Tetra Tech 2004	1
T015	PCB T015B	Oil-filled pole-mounted transformer	Not located	Unknown	Unknown	Unknown	SULLIVAN/Tetra Tech 2004	1
T015	PCB T015C	Oil-filled pole-mounted transformer	Not located	Unknown	Unknown	Unknown	SULLIVAN/Tetra Tech 2004	1
T015	PCB T015D	Oil-filled pole-mounted transformer	Not located	Unknown	Unknown	Unknown	SULLIVAN/Tetra Tech 2004	1
T015	PCB TX-172	Oil-filled pad-mounted transformer	Present	372501001	TX-172	None	SULLIVAN/Tetra Tech 2004	3
T015	PCB TX-32	Oil-filled pole-mounted transformer	Not located	N300514YFTA	TX-32	Unknown	SULLIVAN/Tetra Tech 2004	1
T015	PCB TX-33(2)+	Oil-filled transformer	Not located	N300516YFTA	TX-33(2)	Unknown	SULLIVAN/Tetra Tech 2004	1
T015	PCB TX-34	Oil-filled pole-mounted transformer	Removed	N305972YFTA	TX-34	None	SULLIVAN/Tetra Tech 2004	1
T018	PCB TX-106	Oil-filled transformer	Present	85JF452104	TX-106	None	SULLIVAN/Tetra Tech 2004	1
T020	PCB MH-20+	Switch	Present	Unknown	MH-20	None	--	7

TABLE 6-14: SUMMARY OF EQUIPMENT WITH DIELECTRIC FLUID THAT MAY CONTAIN PCBs (Continued)

Final, Supplemental Environmental Baseline Survey, Naval Station Treasure Island

EBS Parcel	Identification	Equipment Type	Equipment Status	Equipment Serial Number	Navy Number	Staining	Closure Document	ECP Area Type^*
T020	PCB T020A	Transformer	Removed	Unknown	Unknown	Staining	SULLIVAN/Tetra Tech 2004	3
T020	PCB T020B	Pole-mounted transformer	Not located	Unknown	Unknown	Unknown	SULLIVAN/Tetra Tech 2004	1
T020	PCB T020C	Oil-filled switch	Not located	Unknown	Unknown	Unknown	SULLIVAN/Tetra Tech 2004	1
T020	PCB T020D	Oil-filled pole-mounted transformer	Not located	Unknown	Unknown	Unknown	SULLIVAN/Tetra Tech 2004	1
T020	PCB T020E	Oil-filled pole-mounted transformer	Not located	Unknown	Unknown	Unknown	SULLIVAN/Tetra Tech 2004	1
T023	PCB 16756	Oil-filled pad-mounted transformer	Removed	16756	Unknown	Unknown	SULLIVAN/Tetra Tech 2004	1
T023	PCB CY A	Transformer	Not Located	CY A	Unknown	Unknown	SULLIVAN/Tetra Tech 2004	1
T023	PCB TX-146	Oil-filled pad-mounted transformer	Present	86V6742	TX-146	None	--	4
T026	PCB 11-80B0	Switch	Present	11-80B0	11-80B0	Staining	SULLIVAN/Tetra Tech 2004	3
T026	PCB 876011266	Oil-filled transformer	Present	876011266	Unknown	None	SULLIVAN/Tetra Tech 2004	3
T026	PCB 8-80A0	Switch	Present	8-80A	8-80A0	Staining	SULLIVAN/Tetra Tech 2004	1
T026	PCB 8-80C0	Switch	Present	8-80C	8-80C0	Staining	SULLIVAN/Tetra Tech 2004	1
T026	PCB TX-145	Oil-filled transformer	Not located	80JE224264	TX-145	Unknown	SULLIVAN/Tetra Tech 2004	1
T028	PCB T-1035	Switch	Not located	SW1356	T-1035/FC-42-S B	None	SULLIVAN/Tetra Tech 2004	1
T028	PCB T-1036	Switch	Present	SW1357	T-1036/FC-42-S C	None	SULLIVAN/Tetra Tech 2004	1

TABLE 6-14: SUMMARY OF EQUIPMENT WITH DIELECTRIC FLUID THAT MAY CONTAIN PCBs (Continued)

Final, Supplemental Environmental Baseline Survey, Naval Station Treasure Island

EBS Parcel	Identification	Equipment Type	Equipment Status	Equipment Serial Number	Navy Number	Staining	Closure Document	ECP Area Type^*
T029	PCB T-1034	Switch	Present	SW1355	T-1034/FC-42-S A	None	SULLIVAN/Tetra Tech 2004	1
T029	PCB T-1038	Switch	Present	Unknown	T-1038	None	SULLIVAN/Tetra Tech 2004	1
T029	PCB T-1040	Switch	Present	Unknown	T-1040	None	SULLIVAN/Tetra Tech 2004	1
T029	PCB TX-169	Oil-filled pad-mounted transformer	Present	86V6721	TX-169	None	SULLIVAN/Tetra Tech 2004	3
T029	PCB TX-2006	Oil-filled transformer	Present	627381J88	TX-2006	None	SULLIVAN/Tetra Tech 2004	3
T031	PCB TX-2004	Oil-filled transformer	Present	P014605	TX-2004	None	SULLIVAN/Tetra Tech 2004	3
T031	PCB TX-25	Oil-filled pole-mounted transformer	Removed	IA04056 (2)	TX-25	Unknown	SULLIVAN/Tetra Tech 2004	1
T031	PCB TX-26	Oil-filled pole-mounted transformer	Removed	IA04056 (3)	TX-26	Unknown	SULLIVAN/Tetra Tech 2004	1
T032	PCB 3-81A0	Oil-filled pad-mounted switch	Not located	3-81A0	3-81A0	Unknown	SULLIVAN/Tetra Tech 2004	1
T032	PCB 3-81B0	Oil-filled pad-mounted switch	Not located	3-81B0	3-81B0	Unknown	SULLIVAN/Tetra Tech 2004	1
T032	PCB 3-81C0	Oil-filled pad-mounted switch	Not located	3-81C0	3-81C0	Unknown	SULLIVAN/Tetra Tech 2004	1
T032	PCB TX-111A	Oil-filled pad-mounted transformer	Present	N299271YETA	TX-111A	None	SULLIVAN/Tetra Tech 2004	3
T032	PCB TX-111B	Oil-filled pad-mounted transformer	Present	N299270YETA	TX-111B	None	SULLIVAN/Tetra Tech 2004	1
T032	PCB TX-111C	Oil-filled pad-mounted transformer	Present	N299272YETA	TX-111C	None	SULLIVAN/Tetra Tech 2004	1
T032	PCB TX-24	Oil-filled pole-mounted transformer	Present	IA04056 (1)	TX-24	None	SULLIVAN/Tetra Tech 2004	1

TABLE 6-14: SUMMARY OF EQUIPMENT WITH DIELECTRIC FLUID THAT MAY CONTAIN PCBs (Continued)

Final, Supplemental Environmental Baseline Survey, Naval Station Treasure Island

EBS Parcel	Identification	Equipment Type	Equipment Status	Equipment Serial Number	Navy Number	Staining	Closure Document	ECP Area Type^*
T033	PCB T-287	Pole-mounted transformer	Present	108602	T-287	None	SULLIVAN/Tetra Tech 2004	1
T034	PCB TX-138	Oil-filled transformer	Present	86V6743	TX-138	None	--	4
T034	PCB TX-139	Oil-filled transformer	Present	86V6744	TX-139	None	--	4
T034	PCB W239775	Oil-filled transformer	Removed	W239775	Unknown	Unknown	SULLIVAN/Tetra Tech 2004	1
T034	PCB YCR94011	Oil-filled transformer	Removed	YCR94011	Unknown	Unknown	SULLIVAN/Tetra Tech 2004	1
T035	PCB MH-11	Switch	Not Located	MH-11	MH-11	Unknown	SULLIVAN/Tetra Tech 2004	1
T035	PCB MH-11A	Switch	Not located	MH-11A	MH-11A	Unknown	SULLIVAN/Tetra Tech 2004	1
T038	PCB TX-2007	Dry transformer	Not located	96008-1	TX-2007	None	PWC 1997	1
T038	PCB TX-2008	Dry transformer	Not located	96009-1	TX-2008	Unknown	SULLIVAN/Tetra Tech 2004	1
T039	PCB EP 39-1	pad	Present	EP 39-1	EP 39-1	Unknown	SULLIVAN/Tetra Tech 2004	3
T039	PCB TX-112A	Oil-filled transformer	Removed	762014503	TX-112A	Unknown	SULLIVAN/Tetra Tech 2004	1
T039	PCB TX-112B	Oil-filled transformer	Removed	762015732	TX-112B	Unknown	SULLIVAN/Tetra Tech 2004	1
T039	PCB TX-112C	Oil-filled transformer	Removed	762015739	TX-112C	Unknown	SULLIVAN/Tetra Tech 2004	1
T039	PCB TX-134	Oil-filled transformer	Removed	C374838-55P	TX-134	Unknown	SULLIVAN/Tetra Tech 2004	1
T039	PCB TX-2009	Dry transformer	Not located	96009-2	TX-2009	Unknown	SULLIVAN/Tetra Tech 2004	1
T050	PCB T050	Dry transformer	Not located	WAP-62651	Unknown	Unknown	SULLIVAN/Tetra Tech 2004	1

TABLE 6-14: SUMMARY OF EQUIPMENT WITH DIELECTRIC FLUID THAT MAY CONTAIN PCBs (Continued)

Final, Supplemental Environmental Baseline Survey, Naval Station Treasure Island

EBS Parcel	Identification	Equipment Type	Equipment Status	Equipment Serial Number	Navy Number	Staining	Closure Document	ECP Area Type^*
T052	PCB TX-10	Oil-filled transformer	Removed	83A160694	TX-10	Unknown	SULLIVAN/Tetra Tech 2004	1
T052	PCB TX-11	Oil-filled transformer	Removed	81A123304	TX-11	Unknown	SULLIVAN/Tetra Tech 2004	1
T052	PCB TX-9	Oil-filled pole-mounted transformer	Present	82A191818/131 2047TCPI	TX-9/T-145	None	SULLIVAN/Tetra Tech 2004	1
T053	PCB TX-130	Oil-filled transformer	Present	83JBB877022	TX-130	None	SULLIVAN/Tetra Tech 2004	3
T056	PCB T056+	Oil-filled transformer	Present	Unknown	Unknown	None	--	7
T056	PCB TX-2027+	Oil-filled pole-mounted transformer	Present	90A162706	TX-2027	None	--	7
T056	PCB TX-2028+	Oil-filled pole-mounted transformer	Present	83A162086	TX-2028	None	--	7
T056	PCB TX-2029+	Oil-filled pole-mounted transformer	Present	83A162085	TX-2029	None	--	7
T056	PCB TX-2030+	Oil-filled pole-mounted transformer	Present	83A162817	TX-2030	None	--	7
T057	PCB TX-132	Oil-filled pad-mounted transformer	Present	87-51331	TX-132	Staining	SULLIVAN/Tetra Tech 2004	1
T059	PCB TX-131+	Oil-filled pad-mounted transformer	Present	83JB876045	TX-131	None	--	7
T059	PCB TX-2035+	Oil-filled pole-mounted transformer	Present	811138570	TX-2035	None	--	7
T059	PCB TX-2036+	Oil-filled pole-mounted transformer	Present	811138571	TX-2036	None	--	7
T059	PCB TX-2037+	Oil-filled pole-mounted transformer	Present	811138569	TX-2037	None	--	7
T061	PCB TX-129	Oil-filled pad-mounted transformer	Removed	83JB877067	TX-129	Staining	SULLIVAN/Tetra Tech 2004	3
T066	PCB B752+	Dry transformer	Present	B752	Unknown	None	--	7

TABLE 6-14: SUMMARY OF EQUIPMENT WITH DIELECTRIC FLUID THAT MAY CONTAIN PCBs (Continued)

Final, Supplemental Environmental Baseline Survey, Naval Station Treasure Island

EBS Parcel	Identification	Equipment Type	Equipment Status	Equipment Serial Number	Navy Number	Staining	Closure Document	ECP Area Type^*
T066	PCB G-34+	Dry transformer	Present	G-34	Unknown	None	--	7
T066	PCB T066+	Dry transformer	Present	Unknown	Unknown	None	--	7
T066	PCB TX-124	Oil-filled pad-mounted transformer	Not located	83JB884124	TX-124	None	SULLIVAN/Tetra Tech 2004	1
T067	PCB TX-123+	Oil-filled pad-mounted transformer	Present	83JB875066	TX-123	None	--	7
T067	PCB TX-2031+	Oil-filled pole-mounted transformer	Present	85N1019	TX-2031	None	--	7
T067	PCB TX-4	Oil-filled pole-mounted transformer	Not located	TX-4	TX-4	Unknown	SULLIVAN/Tetra Tech 2004	1
T067	PCB TX-5	Oil-filled pole-mounted transformer	Not located	TX-5	TX-5	Unknown	SULLIVAN/Tetra Tech 2004	1
T068	PCB TX-6	Oil-filled pole-mounted transformer	Not located	TX-6	TX-6	Unknown	SULLIVAN/Tetra Tech 2004	1
T068	PCB TX-7	Oil-filled pole-mounted transformer	Not located	TX-7	TX-7	Unknown	SULLIVAN/Tetra Tech 2004	1
T068	PCB TX-8	Oil-filled pole-mounted transformer	Not located	TX-8	TX-8	None	SULLIVAN/Tetra Tech 2004	1
T073	PCB TX-43	Oil-filled pole-mounted transformer	Present	85A311742	TX-43	None	SULLIVAN/Tetra Tech 2004	1
T074	PCB HL330 (1)	Hydraulic Lift	Removed	Unknown	NA	Decontaminated	SULLIVAN/Tetra Tech 2004	1
T074	PCB HL330 (2)	Hydraulic Lift	Removed	Unknown	NA	Decontaminated	SULLIVAN/Tetra Tech 2004	1
T074	PCB HL330 (3)	Hydraulic Lift	Removed	Unknown	NA	Decontaminated	SULLIVAN/Tetra Tech 2004	1
T076	PCB EP 76-1	Transformer	Present	Unknown	EP 76-1	No	SULLIVAN/Tetra Tech 2004	1
T076	PCB TX-125	Oil-filled pad-mounted transformer	Removed	83JB879064	TX-125	None	SULLIVAN/Tetra Tech 2004	1

TABLE 6-14: SUMMARY OF EQUIPMENT WITH DIELECTRIC FLUID THAT MAY CONTAIN PCBs (Continued)

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EBS Parcel	Identification	Equipment Type	Equipment Status	Equipment Serial Number	Navy Number	Staining	Closure Document	ECP Area Type^*
T077	PCB TX-21	Oil-filled pole-mounted transformer	Present	83A162621A	TX-21	None	SULLIVAN/Tetra Tech 2004	1
T077	PCB TX-22	Oil-filled pole-mounted transformer	Present	83A170190B	TX-22	None	SULLIVAN/Tetra Tech 2004	1
T077	PCB TX-23	Oil-filled pole-mounted transformer	Present	83A170191C	TX-23	None	SULLIVAN/Tetra Tech 2004	1
T078	PCB TX-2002	Oil-filled transformer	Present	90A39431	TX-2002	None	SULLIVAN/Tetra Tech 2004	1
T079	PCB EP 79-1	Pad	Present	NA		No	SULLIVAN/Tetra Tech 2004	3
T079	PCB T079A	Oil-filled transformer	Removed	Unknown	Unknown	None	SULLIVAN/Tetra Tech 2004	1
T079	PCB T079B	Oil-filled transformer	Removed	Unknown	Unknown	None	SULLIVAN/Tetra Tech 2004	1
T079	PCB T079C	Oil-filled transformer	Not located	Unknown	Unknown	Unknown	SULLIVAN/Tetra Tech 2004	1
T079	PCB T079D	Oil-filled transformer	Not located	Unknown	Unknown	Unknown	SULLIVAN/Tetra Tech 2004	1
T079	PCB TX-113	Oil-filled pad-mounted transformer	Present	PCB6405-0101	TX-113	None	SULLIVAN/Tetra Tech 2004	1
T079	PCB TX-2034	Oil-filled pole-mounted transformer	Present	83A162083	TX-2034	None	SULLIVAN/Tetra Tech 2004	1
T080	PCB 29-5/87-189538	Dry transformer	Removed	29-5/87-189538	Unknown	Unknown	SULLIVAN/Tetra Tech 2004	1
T080	PCB EP 80-1	Pad	Present	NA		No	SULLIVAN/Tetra Tech 2004	3
T080	PCB T080	Dry transformer	Not Located	Unknown	Unknown	Unknown	SULLIVAN/Tetra Tech 2004	1
T080	PCB TX-173	Oil-filled pad-mounted transformer	Present	8751160	TX-173	Staining	SULLIVAN/Tetra Tech 2004	1

TABLE 6-14: SUMMARY OF EQUIPMENT WITH DIELECTRIC FLUID THAT MAY CONTAIN PCBs (Continued)

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EBS Parcel	Identification	Equipment Type	Equipment Status	Equipment Serial Number	Navy Number	Staining	Closure Document	ECP Area Type^*
T081	PCB TX-126	Oil-filled pad-mounted transformer	Present	83JA861079	TX-126	None	SULLIVAN/Tetra Tech 2004	1
T081	PCB TX-127	Oil-filled pad-mounted transformer	Present	83JB878012	TX-127	None	--	4
T081	PCB TX-35	Oil-filled pole-mounted transformer	Present	83A201015	TX-35	None	SULLIVAN/Tetra Tech 2004	1
T081	PCB TX-36	Oil-filled pole-mounted transformer	Not located	83A162622	TX-36	Unknown	SULLIVAN/Tetra Tech 2004	1
T081	PCB TX-37	Oil-filled pole-mounted transformer	Not located	82A201014	TX-37	Unknown	SULLIVAN/Tetra Tech 2004	1
T084	PCB TX-128	Oil-filled pad-mounted transformer	Present	83JB877085	TX-128	None	SULLIVAN/Tetra Tech 2004	3
T086	PCB TX-15	Oil-filled pole-mounted transformer	Removed	83A162619	TX-15	None	SULLIVAN/Tetra Tech 2004	1
T086	PCB TX-16	Oil-filled pole-mounted transformer	Removed	83A162620	TX-16	None	SULLIVAN/Tetra Tech 2004	1
T086	PCB TX-17	Oil-filled pole-mounted transformer	Removed	83A170193	TX-17	None	SULLIVAN/Tetra Tech 2004	1
T086	PCB TX-2038	Oil-filled pole-mounted transformer	Present	72390-2	TX-2038	None	SULLIVAN/Tetra Tech 2004	1
T091	PCB EP 91-1	Pad	Present	NA		No	SULLIVAN/Tetra Tech 2004	3
T091	PCB EY	Dry transformer	Removed	EY	Unknown	Unknown	SULLIVAN/Tetra Tech 2004	1
T091	PCB TX-142	Oil-filled pad-mounted transformer	Removed	85V6799	TX-142	None	SULLIVAN/Tetra Tech 2004	1
T091	PCB TX-147	Oil-filled transformer	Present	83JB877015	TX-147	Staining	--	4
T092	PCB TX-148	Oil-filled pad-mounted transformer	Removed	83JA362005	TX-148 (1)	None	SULLIVAN/Tetra Tech 2004	1

TABLE 6-14: SUMMARY OF EQUIPMENT WITH DIELECTRIC FLUID THAT MAY CONTAIN PCBs (Continued)

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EBS Parcel	Identification	Equipment Type	Equipment Status	Equipment Serial Number	Navy Number	Staining	Closure Document	ECP Area Type^*
T092	PCB TX-168	Oil-filled pad-mounted transformer	Removed	P006163	TX-168	Staining	SULLIVAN/Tetra Tech 2004	3
T093	PCB T093	Oil-filled transformer	Present	Unknown	Unknown	Staining	SULLIVAN/Tetra Tech 2004	3
T093	PCB TX-27	Oil-filled pole-mounted transformer	Present	80A451904	TX-27	None	SULLIVAN/Tetra Tech 2004	1
T093	PCB TX-28A	Oil-filled pole-mounted transformer	Present	80A453604	TX-28	None	SULLIVAN/Tetra Tech 2004	1
T093	PCB TX-29	Oil-filled pole-mounted transformer	Present	80A451905C	TX-29	None	SULLIVAN/Tetra Tech 2004	1
T094	PCB TX-30	Oil-filled pole-mounted transformer	Present	PP #D-22	TX-30	Staining	SULLIVAN/Tetra Tech 2004	1
T096	PCB TX-2018+	Oil-filled pad-mounted transformer	Present	89V4895	TX-2018	None	--	7
T096	PCB TX-2019+	Oil-filled pad-mounted transformer	Present	89V4894	TX-2019	None	--	7
T096	PCB TX-2020+	Oil-filled pad-mounted transformer	Present	89V4898	TX-2020	None	--	7
T096	PCB TX-2021+	Oil-filled pad-mounted transformer	Present	89V4892	TX-2021	None	--	7
T096	PCB TX-2022+	Oil-filled pad-mounted transformer	Present	89V4897	TX-2022	None	--	7
T096	PCB TX-46+	Oil-filled pole-mounted transformer	Present	H872778K69	TX-46	None	--	7
T097	PCB 771015910	Oil-filled pad-mounted transformer	Not located	771015910	Unknown	None	SULLIVAN/Tetra Tech 2004	1
T097	PCB HL225 (1)	Hydraulic Lift	Removed	Unknown	NA	Decontaminated	SULLIVAN/Tetra Tech 2004	1
T097	PCB HL225 (2)	Hydraulic Lift	Removed	Unknown	NA	Decontaminated	SULLIVAN/Tetra Tech 2004	1

TABLE 6-14: SUMMARY OF EQUIPMENT WITH DIELECTRIC FLUID THAT MAY CONTAIN PCBs (Continued)

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EBS Parcel	Identification	Equipment Type	Equipment Status	Equipment Serial Number	Navy Number	Staining	Closure Document	ECP Area Type^*
T097	PCB T097A	Oil-filled pole mounted transformer	Present	Unknown	Unknown	Staining	SULLIVAN/Tetra Tech 2004	1
T097	PCB T097B	Oil-filled pole-mounted transformer	Not located	Unknown	Unknown	None	SULLIVAN/Tetra Tech 2004	1
T097	PCB TX-12	Oil-filled pole-mounted transformer	Not located	H841232K68	TX-12	Unknown	SULLIVAN/Tetra Tech 2004	1
T097	PCB TX-13	Oil-filled pole-mounted transformer	Not located	H841344K68	TX-13	Unknown	SULLIVAN/Tetra Tech 2004	1
T097	PCB TX-14	Oil-filled pole-mounted transformer	Not located	H841233K68	TX-14	Unknown	SULLIVAN/Tetra Tech 2004	1
T097	PCB TX-31	Oil-filled pole-mounted transformer	Not located	Unknown	TX-31	Unknown	SULLIVAN/Tetra Tech 2004	1
T099	PCB 771015888	Oil-filled pad-mounted transformer	Not located	771015888	Unknown	Unknown	SULLIVAN/Tetra Tech 2004	1
T099	PCB TX-2012+	Oil-filled transformer	Present	89V4899	TX-2012	None	--	7
T099	PCB TX-2013+	Oil-filled transformer	Present	89V4901	TX-2013	None	--	7
T099	PCB TX-2014+	Oil-filled transformer	Present	89V4900	TX-2014	None	--	7
T099	PCB TX-2015+	Oil-filled transformer	Present	89V4902	TX-2015	None	--	7
T099	PCB TX-2016+	Oil-filled transformer	Present	89V4896	TX-2016	None	--	7
T099	PCB TX-2017+	Oil-filled transformer	Present	89V4893	TX-2017	None	--	7
T100	PCB TX-154+	Oil-filled transformer	Present	83VA535002	TX-154	None	--	7
T100	PCB TX-155+	Oil-filled transformer	Present	1552375/15528-5	TX-155	None	--	7
T100	PCB TX-157+	Oil-filled pad-mounted transformer	Present	82VA534001	TX-157	None	--	7
T100	PCB TX-2010+	Oil-filled transformer	Present	PED-2089	TX-2010	None	--	7
T101	PCB TX-156+	Transformer	Present	83VA535005	TX-156	None	--	7

TABLE 6-14: SUMMARY OF EQUIPMENT WITH DIELECTRIC FLUID THAT MAY CONTAIN PCBs (Continued)

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EBS Parcel	Identification	Equipment Type	Equipment Status	Equipment Serial Number	Navy Number	Staining	Closure Document	ECP Area Type^*
T101	PCB TX-158	Oil-filled pad-mounted transformer	Removed	83VA535009	TX-158	None	SULLIVAN/Tetra Tech 2004	1
T101	PCB TX-160+	Oil-filled pad-mounted transformer	Present	83VA535006	TX-160	None	--	7
T101	PCB TX-214+	Oil-filled pad-mounted transformer	Present	Unknown	TX-214	None	--	7
T102	PCB TX-159	Oil-filled pole-mounted transformer	Removed	83VA536002	TX-159	None	SULLIVAN/Tetra Tech 2004	1
T102	PCB TX-161+	Oil-filled pad-mounted transformer	Present	83VA535003	TX-161	None	--	7
T102	PCB TX-162+	Oil-filled pad-mounted transformer	Present	83VA535001	TX-162	None	--	7
T102	PCB TX-163+	Oil-filled pad-mounted transformer	Present	83VA535004	TX-163	None	--	7
T102	PCB TX-164+	Oil-filled pad-mounted transformer	Present	83VA535007	TX-164	None	--	7
T102	PCB TX-165+	Oil-filled pad-mounted transformer	Present	83VA535008	TX-165	None	--	7
T102	PCB TX-166+	Oil-filled pad-mounted transformer	Present	83VA536001	TX-166	None	--	7
T102	PCB TX-167+	Oil-filled pad-mounted transformer	Present	79JK081012	TX-167	None	--	7
T102	PCB TX-28B+	Oil-filled pad-mounted transformer	Present	Unknown	TX-28B	None	--	7
T103	PCB TX-2044+	Oil-filled pole-mounted transformer	Present	771019705	TX-2044	None	--	7
T103	PCB TX-33(1)+	Oil-filled pole-mounted transformer	Present	Unknown	TX-33(1)	None	--	7
T103	PCB TX-47+	Oil-filled pole-mounted transformer	Present	862N52213	TX-47	None	--	7

TABLE 6-14: SUMMARY OF EQUIPMENT WITH DIELECTRIC FLUID THAT MAY CONTAIN PCBs (Continued)

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EBS Parcel	Identification	Equipment Type	Equipment Status	Equipment Serial Number	Navy Number	Staining	Closure Document	ECP Area Type^*
T103	PCB TX-48+	Oil-filled pole-mounted transformer	Present	D750473-57K	TX-48/T-191	None	--	7
T103	PCB TX-49+	Oil-filled pole-mounted transformer	Present	771015909	TX-49	None	--	7
T103	PCB TX-50+	Oil-filled pole-mounted transformer	Present	771019700	TX-50	None	--	7
T103	PCB TX-52+	Oil-filled pole-mounted transformer	Present	85A253089	TX-52	None	--	7
T103	PCB TX-55+	Oil-filled pole-mounted transformer	Present	771015903	TX-55	None	--	7
T103	PCB TX-56+	Oil-filled pole-mounted transformer	Present	771015908	TX-56	None	--	7
T103	PCB TX-57	Oil-filled pole-mounted transformer	Present	771015899	TX-57	Staining	SULLIVAN/Tetra Tech 2004	1
T103	PCB TX-58+	Oil-filled transformer	Present	771015905	TX-58	None	--	7
T103	PCB TX-59	Oil-filled pole-mounted transformer	Not located	771017897	TX-59	Unknown	SULLIVAN/Tetra Tech 2004	1
T103	PCB TX-60+	Oil-filled pole-mounted transformer	Present	771015904	TX-60	None	--	7
T103	PCB TX-61+	Oil-filled pole-mounted transformer	Present	74AB17138	TX-61	None	--	7
T103	PCB TX-63+	Oil-filled pole-mounted transformer	Present	851062544	TX-63	None	--	7
T103	PCB TX-64+	Oil-filled pole-mounted transformer	Present	89V5584	TX-64	None	--	7
T103	PCB TX-67 (1)+	Oil-filled pole-mounted transformer	Removed	68A8713	TX-67 (1)	Unknown	--	7
T103	PCB TX-67 (2)+	Oil-filled pole-mounted transformer	Present	96NRC03037	TX-67 (2)	None	--	7

TABLE 6-14: SUMMARY OF EQUIPMENT WITH DIELECTRIC FLUID THAT MAY CONTAIN PCBs (Continued)

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EBS Parcel	Identification	Equipment Type	Equipment Status	Equipment Serial Number	Navy Number	Staining	Closure Document	ECP Area Type^*
T103	PCB TX-68+	Oil-filled pole-mounted transformer	Present	771015912	TX-68	None	--	7
T103	PCB TX-69+	Oil-filled pole-mounted transformer	Present	771015913	TX-69	None	--	7
T103	PCB TX-70 (1)+	Oil-filled pole-mounted transformer	Removed	66K7202	TX-70 (1)	None	--	7
T103	PCB TX-70 (2)+	Oil-filled pole-mounted transformer	Present	96NCA03048	TX-70 (2)	None	--	7
T103	PCB TX-71+	Oil-filled pole-mounted transformer	Present	771015914	TX-71	None	--	7
T103	PCB TX-72+	Oil-filled pole-mounted transformer	Present	82A201013	TX-72	None	--	7
T103	PCB TX-73+	Oil-filled pole-mounted transformer	Present	82A521672/82A 521673	TX-73	None	--	7
T103	PCB TX-74+	Oil-filled pole-mounted transformer	Present	771017892	TX-74	None	--	7
T103	PCB TX-77	Oil-filled transformer	Present	771015901	TX-77	Staining	SULLIVAN/Tetra Tech 2004	1
T103	PCB TX-78+	Oil-filled pole-mounted transformer	Present	HE13583	TX-78	None	--	7
T103	PCB TX-79	Oil-filled pole-mounted transformer	Present	771017198	TX-79	Staining	SULLIVAN/Tetra Tech 2004	3
T103	PCB TX-80+	Oil-filled pole-mounted transformer	Present	76A430082 A	TX-80	None	--	7
T103	PCB TX-81	Oil-filled pole-mounted transformer	Not located	77A220076 B	TX-81	Unknown	SULLIVAN/Tetra Tech 2004	1
T103	PCB TX-82	Oil-filled pole-mounted transformer	Not located	77A010110 C	TX-82	Unknown	SULLIVAN/Tetra Tech 2004	1
T103	PCB TX-83+	Oil-filled pole-mounted transformer	Present	771017891	TX-83	None	--	7

TABLE 6-14: SUMMARY OF EQUIPMENT WITH DIELECTRIC FLUID THAT MAY CONTAIN PCBs (Continued)

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EBS Parcel	Identification	Equipment Type	Equipment Status	Equipment Serial Number	Navy Number	Staining	Closure Document	ECP Area Type^*
T103	PCB TX-84+	Oil-filled pole-mounted transformer	Present	771015902/IA09197	TX-84	None	--	7
T103	PCB TX-85+	Oil-filled pole-mounted transformer	Present	771015911	TX-85	None	--	7
T103	PCB TX-86+	Oil-filled pole-mounted transformer	Present	771017895	TX-86	None	--	7
T103	PCB TX-87+	Oil-filled pole-mounted transformer	Present	88A063739	TX-87	None	--	7
T103	PCB TX-88+	Oil-filled pole-mounted transformer	Present	771015898	TX-88	None	--	7
T103	PCB TX-89+	Oil-filled pole-mounted transformer	Present	771017697/771017894	TX-89	None	--	7
T103	PCB TX-90+	Oil-filled pole-mounted transformer	Present	771015906	TX-90	None	--	7
T103	PCB TX-91+	Oil-filled pole-mounted transformer	Present	Unknown	TX-91	None	--	7
T103	PCB TX-92+	Oil-filled pole-mounted transformer	Present	771015900	TX-92	None	--	7
T104	PCB SW 1-73A+	Oil-filled switch	Present	SW 1-73A	SW 1-73A	None	--	7
T104	PCB SW 1-73B+	Oil-filled switch	Present	SW 1-73B	SW 1-73B	None	--	7
T104	PCB SW 1-73C+	Oil-filled switch	Present	SW 1-73C	SW 1-73C	None	--	7
T104	PCB T104+	Oil-filled transformer	Present	Unknown	Unknown	None	--	7
T104	PCB TX-44+	Oil-filled pole-mounted transformer	Present	5700067N	TX-44	None	--	7
T104	PCB TX-45+	Oil-filled pole-mounted transformer	Present	771015907	TX-45	None	--	7
T105	PCB TX-114	Oil-filled transformer	Removed	68G2376	TX-114	None	SULLIVAN/Tetra Tech 2004	1

TABLE 6-14: SUMMARY OF EQUIPMENT WITH DIELECTRIC FLUID THAT MAY CONTAIN PCBs (Continued)

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EBS Parcel	Identification	Equipment Type	Equipment Status	Equipment Serial Number	Navy Number	Staining	Closure Document	ECP Area Type^*
T105	PCB TX-115	Switch	Not located	PNB-0145	TX-115	Unknown	SULLIVAN/Tetra Tech 2004	1
T105	PCB TX-122+	Oil-filled pad-mounted transformer	Present	P173633	TX-122	None	--	7
T105	PCB TX-93+	Oil-filled pole-mounted transformer	Present	88A171622	TX-93	None	--	7
T105	PCB TX-94+	Oil-filled pole-mounted transformer	Present	771019702	TX-94	None	--	7
T105	PCB TX-95+	Oil-filled transformer	Present	771019695	TX-95	None	--	7
T105	PCB TX-96+	Oil-filled pole-mounted transformer	Present	771017893	TX-96	None	--	7
T105	PCB TX-97+	Oil-filled pole-mounted transformer	Present	771019703	TX-97	None	--	7
T106	PCB TX-18	Oil-filled pole-mounted transformer	Not located	83A170925	TX-18	None	SULLIVAN/Tetra Tech 2004	1
T106	PCB TX-19	Oil-filled pole-mounted transformer	Not located	83A170926	TX-19	Unknown	SULLIVAN/Tetra Tech 2004	1
T106	PCB TX-20	Oil-filled pole-mounted transformer	Not located	83A170927	TX-20	Unknown	SULLIVAN/Tetra Tech 2004	1
T106	PCB TX-62+	Oil-filled pad-mounted transformer	Present	TX-1207	TX-62	None	--	7
T107	PCB TX-38	Oil-filled pole-mounted transformer	Present	98476-4581	TX-38	Staining	SULLIVAN/Tetra Tech 2004	1
T107	PCB TX-39	Oil-filled pole-mounted transformer	Present	98471-4581	TX-39	Staining	SULLIVAN/Tetra Tech 2004	1
T107	PCB TX-40	Oil-filled pole-mounted transformer	Present	98474-4581C0	TX-40	Staining	SULLIVAN/Tetra Tech 2004	1
T108	PCB EP 108-1+	Oil-filled transformer	Present	Unknown	Unknown	No	--	7

TABLE 6-14: SUMMARY OF EQUIPMENT WITH DIELECTRIC FLUID THAT MAY CONTAIN PCBs (Continued)

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EBS Parcel	Identification	Equipment Type	Equipment Status	Equipment Serial Number	Navy Number	Staining	Closure Document	ECP Area Type^*
T108	PCB TX-151	Oil-filled pad-mounted transformer	Removed	83JB880027	TX-151	None	SULLIVAN/Tetra Tech 2004	1
T111	PCB EP 111-1+	Oil-filled transformer	Present	Unknown	Unknown	No	--	7
T111	PCB TX-152 (1)+	Oil-filled pad-mounted transformer	Removed	G856110	TX-152 (1)	None	--	7
T111	PCB TX-152 (2)+	Oil-filled pad-mounted transformer	Present	95V2672	TX-152 (2)	None	--	7
T111	PCB TX-153 (1)	Oil-filled pad-mounted transformer	Removed	21569	TX-153 (1)	Previously sampled	SULLIVAN/Tetra Tech 2004	1
T111	PCB TX-153 (2)	Oil-filled pad-mounted transformer	Removed	87V9639	TX-153 (2)	See TX-153 (1)	SULLIVAN/Tetra Tech 2004	1
T112	PCB 10552-001	Dry transformer	Present	10552-001	Unknown	None	SULLIVAN/Tetra Tech 2004	1
T112	PCB T-112+	Dry transformer	Present	Unknown	Unknown	No	--	7
T112	PCB TX-150/TX-2043+	Oil-filled pad-mounted transformer	Present	PVA-0008	TX-150/TX-2043	None	--	7
T116	PCB 1136+	Vacuum switch	Present	Unknown	1136	None	--	7
T116	PCB 1138+	Vacuum switch	Present	Unknown	1138	None	--	7
T116	PCB 1140+	Vacuum switch	Present	Unknown	1140	None	--	7
T116	PCB 1144+	Vacuum switch	Present	Unknown	1144	None	--	7
T116	PCB 1146+	Vacuum switch	Present	Unknown	1146	None	--	7
T116	PCB 3031939	Oil-filled transformer	Removed	3031939	Unknown	None	SULLIVAN/Tetra Tech 2004	1
T116	PCB 611-78-0337	Oil-filled switch	Present	611-78-0337	Unknown	None	SULLIVAN/Tetra Tech 2004	1
T116	PCB 9908645	Oil-filled transformer	Not located	9908645	Unknown	None	SULLIVAN/Tetra Tech 2004	1
T116	PCB C-598+	Capacitor	Present	Unknown	C-598	None	--	7

TABLE 6-14: SUMMARY OF EQUIPMENT WITH DIELECTRIC FLUID THAT MAY CONTAIN PCBs (Continued)

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EBS Parcel	Identification	Equipment Type	Equipment Status	Equipment Serial Number	Navy Number	Staining	Closure Document	ECP Area Type^*
T116	PCB T-1012+	Switch	Present	Unknown	T-1012	None	--	7
T116	PCB T-1016+	Switch	Present	Unknown	T-1016	None	--	7
T116	PCB T-1018+	Switch	Present	Unknown	T-1018	None	--	7
T116	PCB TX-118+	Oil-filled transformer	Present	4729-0101	TX-118	None	--	7
T116	PCB TX-2024+	Oil-filled transformer	Present	FF03034611	TX-2024	None	--	7
T117	PCB TX-2032+	Oil-filled pole-mounted transformer	Present	93A313303	TX-2032	None	--	7
T119	PCB 29-1/86-170294	Dry transformer	Not located	29-1/86-170294	Unknown	Unknown	SULLIVAN/Tetra Tech 2004	1
T119	PCB ESW02-2	Vacuum Switch	Present	85168B	ESW02-2	None	SULLIVAN/Tetra Tech 2004	1
T119	PCB TX-107	Oil-filled transformer	Removed	372301001	TX-107	None	SULLIVAN/Tetra Tech 2004	1
T119	PCB TX-108	Oil-filled transformer	Removed	372401001	TX-108	None	SULLIVAN/Tetra Tech 2004	1
T119	PCB TX-109	Oil-filled transformer	Removed	372501002	TX-109	None	SULLIVAN/Tetra Tech 2004	1
T119	PCB TX-2039	Oil-filled transformer	Present	0372401001	TX-2039	None	SULLIVAN/Tetra Tech 2004	1
T119	PCB TX-2040	Oil-filled transformer	Present	032501002	TX-2040	None	SULLIVAN/Tetra Tech 2004	1
T119	PCB TX-2041	Oil-filled transformer	Present	0372301001	TX-2041	None	SULLIVAN/Tetra Tech 2004	1
T120	PCB T120A	Dry transformer	Present	Unknown	Unknown	None	SULLIVAN/Tetra Tech 2004	1
T120	PCB T120B	Dry transformer	Present	Unknown	Unknown	None	SULLIVAN/Tetra Tech 2004	1
T120	PCB T120C	Dry transformer	Present	Unknown	Unknown	None	SULLIVAN/Tetra Tech 2004	1

TABLE 6-14: SUMMARY OF EQUIPMENT WITH DIELECTRIC FLUID THAT MAY CONTAIN PCBs (Continued)

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EBS Parcel	Identification	Equipment Type	Equipment Status	Equipment Serial Number	Navy Number	Staining	Closure Document	ECP Area Type^*
T120	PCB TX-2001	Oil-filled pad-mounted transformer	Present	89-51525	TX-2001	None	SULLIVAN/Tetra Tech 2004	1
YB001	PCB-6698142	Oil-filled transformer	Removed	6698142	Unknown	Unknown	SULLIVAN/Tetra Tech 2004	1
YB004	PCB C503472	Oil-filled transformer	Removed	C503472	Unknown	Unknown	SULLIVAN/Tetra Tech 2004	1
YB004	PCB TX-184	Oil-filled transformer	Present	85V5953	TX-184	None	SULLIVAN/Tetra Tech 2004	1
YB004	PCB TX-185A	Oil-filled switch	Present	Y-138A	TX-185A	None	SULLIVAN/Tetra Tech 2004	1
YB004	PCB TX-185B	Oil-filled transformer	Present	Y-138B	TX-185B	None	SULLIVAN/Tetra Tech 2004	1
YB004	PCB TX-186A	Oil-filled switch	Present	Y-136A	TX-186A	None	SULLIVAN/Tetra Tech 2004	3
YB004	PCB TX-186B	Oil-filled transformer	Present	Y-136B	TX-186B	None	SULLIVAN/Tetra Tech 2004	3
YB004	PCB TX-188A	Oil-filled switch	Present	Y-144A	TX-188A	None	SULLIVAN/Tetra Tech 2004	1
YB004	PCB TX-188B	Oil-filled transformer	Present	Y-144B	TX-188B	None	SULLIVAN/Tetra Tech 2004	1
YB004	PCB TX-189A	Oil-filled transformer	Present	Unknown	TX-189A	None	SULLIVAN/Tetra Tech 2004	1
YB004	PCB TX-189B	Oil-filled switch	Present	Unknown	TX-189B	None	SULLIVAN/Tetra Tech 2004	1
YB004	PCB TX-191A	Oil-filled switch	Present	81248	TX-191A	None	SULLIVAN/Tetra Tech 2004	1
YB004	PCB TX-191B	Oil-filled transformer	Present	83V2468	TX-191B	None	SULLIVAN/Tetra Tech 2004	1
YB004	PCB WAP-62641	Dry transformer	Not located	WAP-62641	Unknown	Unknown	SULLIVAN/Tetra Tech 2004	1

TABLE 6-14: SUMMARY OF EQUIPMENT WITH DIELECTRIC FLUID THAT MAY CONTAIN PCBs (Continued)

Final, Supplemental Environmental Baseline Survey, Naval Station Treasure Island

EBS Parcel	Identification	Equipment Type	Equipment Status	Equipment Serial Number	Navy Number	Staining	Closure Document	ECP Area Type^*
YB004	PCB Y-140A	Oil-filled switch	Present	Y-140A	Y-140A	None	SULLIVAN/Tetra Tech 2004	1
YB004	PCB Y-140B	Oil-filled switch	Present	Y-140B	Y-140B	None	SULLIVAN/Tetra Tech 2004	1
YB005	PCB 11-1956A	Switch	Present	11-1956A	11-1956A	None	SULLIVAN/Tetra Tech 2004	1
YB005	PCB 11-1956B	Switch	Present	11-1956B	11-1956B	None	SULLIVAN/Tetra Tech 2004	1
YB005	PCB 11-1956C	Switch	Present	11-1956C	11-1956C	None	SULLIVAN/Tetra Tech 2004	1
YB005	PCB TX-187A	Oil-filled transformer	Present	2973160	TX-187A	None	SULLIVAN/Tetra Tech 2004	1
YB005	PCB TX-187B	Oil-filled transformer	Present	2973425	TX-187B	None	SULLIVAN/Tetra Tech 2004	1
YB005	PCB TX-187C	Oil-filled transformer	Present	4973426	TX-187C	None	SULLIVAN/Tetra Tech 2004	1
YB007	PCB TX-190	Oil-filled transformer	Present	76J315006	TX-190	None	SULLIVAN/Tetra Tech 2004	3
YB007	PCB YB007	Oil-filled switch	Present	Unknown	Unknown	None	SULLIVAN/Tetra Tech 2004	1
YB011	PCB COY-126A	Oil-filled fuse cut-out	Present	COY-126A	COY-126A	None	SULLIVAN/Tetra Tech 2004	1
YB011	PCB COY-126B	Oil-filled fuse cut-out	Present	COY-126B	COY-126B	None	SULLIVAN/Tetra Tech 2004	1
YB011	PCB COY-126C	Oil-filled fuse cut-out	Present	COY-126C	COY-126C	None	SULLIVAN/Tetra Tech 2004	1
YB011	PCB TX-192A	Oil-filled pad-mounted transformer	Present	TX-192A	TX-192A	None	SULLIVAN/Tetra Tech 2004	3
YB011	PCB TX-192B	Oil-filled pad-mounted transformer	Present	TX-192B	TX-192B	None	SULLIVAN/Tetra Tech 2004	1

TABLE 6-14: SUMMARY OF EQUIPMENT WITH DIELECTRIC FLUID THAT MAY CONTAIN PCBs (Continued)

Final, Supplemental Environmental Baseline Survey, Naval Station Treasure Island

EBS Parcel	Identification	Equipment Type	Equipment Status	Equipment Serial Number	Navy Number	Staining	Closure Document	ECP Area Type^*
YB011	PCB TX-192C	Oil-filled pad-mounted transformer	Present	TX-192C	TX-192C	None	SULLIVAN/Tetra Tech 2004	1
YB015	PCB 2677060	Oil-filled transformer	Present	2677060	Unknown	None	SULLIVAN/Tetra Tech 2004	1
YB015	PCB 6585265	Oil-filled transformer	Present	6585265	Unknown	None	--	4
YB015	PCB 6586052	Oil-filled transformer	Present	6586052	Unknown	None	SULLIVAN/Tetra Tech 2004	1
YB015	PCB 89V5954	Oil-filled transformer	Present	89V5954	Unknown	None	SULLIVAN/Tetra Tech 2004	1
YB015	PCB Y-122A	Oil-filled fuse cut-out	Present	Y-122A	Y-122A	None	SULLIVAN/Tetra Tech 2004	1
YB015	PCB Y-122B	Oil-filled fuse cut-out	Present	Y-122B	Y-122B	None	SULLIVAN/Tetra Tech 2004	1
YB015	PCB Y-122C	Oil-filled fuse cut-out	Present	Y-122C	Y-122C	None	SULLIVAN/Tetra Tech 2004	1
YB015	PCB Y-128A	Oil-filled fuse cut-out	Present	Y-128A	Y-128A	None	SULLIVAN/Tetra Tech 2004	1
YB015	PCB Y-128B	Oil-filled fuse cut-out	Present	Y-128B	Y-128B	None	SULLIVAN/Tetra Tech 2004	1
YB015	PCB Y-128C	Oil-filled fuse cut-out	Present	Y-128C	Y-128C	None	SULLIVAN/Tetra Tech 2004	1
YB016	PCB TX-326	Oil-filled pad-mounted transformer	Present	362095	TX-326	None	SULLIVAN/Tetra Tech 2004	3
YB016	PCB TX-327	Oil-filled transformer	Present	360114	TX-327	None	SULLIVAN/Tetra Tech 2004	1
YB016	PCB TX-328	Oil-filled transformer	Present	360111	TX-328	None	SULLIVAN/Tetra Tech 2004	1
YB016	PCB Y-120 A0	Oil-filled switch	Present	Y-120 A0	Y-120 A0	None	SULLIVAN/Tetra Tech 2004	3
YB016	PCB Y-120 B0	Oil-filled switch	Present	Y-120 B0	Y-120 B0	None	SULLIVAN/Tetra Tech 2004	3

TABLE 6-14: SUMMARY OF EQUIPMENT WITH DIELECTRIC FLUID THAT MAY CONTAIN PCBs (Continued)

Final, Supplemental Environmental Baseline Survey, Naval Station Treasure Island

EBS Parcel	Identification	Equipment Type	Equipment Status	Equipment Serial Number	Navy Number	Staining	Closure Document	ECP Area Type^*
YB016	PCB Y-120 C0	Oil-filled switch	Present	Y-120 C0	Y-120 C0	None	SULLIVAN/Tetra Tech 2004	3
YB019	PCB 14016-1	Oil-filled transformer	Not located	14016-1	Unknown	Unknown	SULLIVAN/Tetra Tech 2004	1
YB019	PCB 14016-2	Oil-filled transformer	Not located	14016-2	Unknown	None	SULLIVAN/Tetra Tech 2004	1
YB019	PCB 14016-3	Dry transformer	Not located	14016-3	Unknown	None	SULLIVAN/Tetra Tech 2004	1
YB019	PCB 4142090	Oil-filled transformer	Not located	4142090C	Unknown	None	SULLIVAN/Tetra Tech 2004	1
YB019	PCB 4142092	Oil-filled transformer	Not located	4142092A	Unknown	None	SULLIVAN/Tetra Tech 2004	1
YB019	PCB 4327121	Oil-filled transformer	Not located	4327121B	Unknown	None	SULLIVAN/Tetra Tech 2004	1
YB019	PCB 62045 B0	Oil-filled switch	Removed	62045B	62045 B0	None	SULLIVAN/Tetra Tech 2004	1
YB019	PCB 62046 A0	Oil-filled switch	Removed	62046A	62046 A0	None	SULLIVAN/Tetra Tech 2004	1
YB019	PCB 62047 C0	Oil-filled switch	Removed	62047C	62047 C0	None	SULLIVAN/Tetra Tech 2004	1
YB019	PCB D8078-2 A	Oil-filled switch	Present	D8078-2 A	Unknown	None	SULLIVAN/Tetra Tech 2004	3
YB019	PCB D8078-2 B	Oil-filled switch	Present	D8078-2 B	Unknown	None	SULLIVAN/Tetra Tech 2004	3
YB019	PCB D8078-2 C	Oil-filled switch	Present	D8078-2 C	Unknown	None	SULLIVAN/Tetra Tech 2004	3
YB019	PCB TX-252	Oil-filled transformer	Present	Unknown	TX-252	Staining	--	3
YB019	PCB TX-253	Oil-filled transformer	Present	Unknown	TX-253	Staining	SULLIVAN/Tetra Tech 2004	1
YB019	PCB TX-254	Oil-filled transformer	Present	Unknown	TX-254	Staining	SULLIVAN/Tetra Tech 2004	1

TABLE 6-14: SUMMARY OF EQUIPMENT WITH DIELECTRIC FLUID THAT MAY CONTAIN PCBs (Continued)

Final, Supplemental Environmental Baseline Survey, Naval Station Treasure Island

EBS Parcel	Identification	Equipment Type	Equipment Status	Equipment Serial Number	Navy Number	Staining	Closure Document	ECP Area Type^*
YB019	PCB Y-118 A	Oil-filled switch	Present	Y-118 A	Y-118 A	None	SULLIVAN/Tetra Tech 2004	1
YB019	PCB Y-118 B	Oil-filled switch	Present	Y-118 B	Y-118 B	None	SULLIVAN/Tetra Tech 2004	1
YB019	PCB Y-118 C	Oil-filled switch	Present	Y-118 C	Y-118 C	None	SULLIVAN/Tetra Tech 2004	1
YB022	PCB COY-150A	Switch	Present	COY-150A	Y-150A	None	SULLIVAN/Tetra Tech 2004	3
YB022	PCB COY-150B	Switch	Present	COY-150B	Y-150B	None	SULLIVAN/Tetra Tech 2004	3
YB022	PCB COY-150C	Switch	Present	COY-150C	Y-150C	None	SULLIVAN/Tetra Tech 2004	3
YB022	PCB TX-423	Oil-filled transformer	Present	P0734-1	TX-423	None	SULLIVAN/Tetra Tech 2004	3
YB022	PCB TX-501	Oil-filled transformer	Present	PWJ-0845	TX-501	None	SULLIVAN/Tetra Tech 2004	3
YB022	PCB YB022A	Oil-filled pad-mounted transformer	Present	Unknown	Unknown	None	SULLIVAN/Tetra Tech 2004	3
YB022	PCB YB022B	Oil-filled pad-mounted transformer	Present	Unknown	Unknown	None	SULLIVAN/Tetra Tech 2004	3
YB022	PCB YB022C	Oil-filled pad-mounted transformer	Present	Unknown	Unknown	None	SULLIVAN/Tetra Tech 2004	1
YB026	PCB TX-62 A0	Oil-filled pole-mounted transformer	Assumed present	TX-62 A	TX-62 A0	Unknown	PWC 1994	1
YB026	PCB TX-62 C0	Oil-filled pole-mounted transformer	Assumed present	TX-64 C	TX-62 C0	Unknown	PWC 1994	1
YB026	PCB TX-63 B0	Oil-filled pole-mounted transformer	Assumed present	TX-63 B	TX-63 B0	Unknown	PWC 1994	1

Notes:

^	The ECP classifications identified in this table pertain only to the pesticide issue. For the overall ECP classification assigned to EBS Parcels, please refer to Table 8-1.
*	PCB sites located within the FOST parcels have been categorized as ECP 4 in anticipation of completion of regulatory closure ractions to facilitate transfer of parcels in advance of completion of such actions. See section 6.2.9 for further discussion.
+	Proposed Sample Location
--	Site has not been closed at the time of this SEBS
EBS	Environmental baseline survey
ECP	Environmental condition of property
FOST	Finding of suitability to transfer
NA	Not applicable
Navy	U.S. Department of the Navy
PCB	Polychlorinated biphenyl
PWC	Navy Public Works Center
SEBS	Supplemental environmental baseline survey
SULLIVAN	Sullivan Consulting Group
Tetra Tech	Tetra Tech EM Inc.

References:

SULLIVAN/Tetra Tech. 2004. "Draft PCB Summary Report, Former Naval Station Treasure Island, San Francisco, California." November

PWC. 1994. “PWC List of Oil Filled Electrical Equipment for Yerba Buena Island.” July 1.

PWC. 1997. “List of Oil Filled Electrical Equipment for Naval Station Treasure Island.” March 6.

TABLE 6-15: SUMMARY OF ASBESTOS-CONTAINING MATERIAL SURVEY RESULTS

Final, Supplemental Environmental Baseline Survey, Naval Station Treasure Island

EBS Parcel	Building	Surveyed	Asbestos Present	Friability	Closure Document*	Status
T001	146	Yes	☑	☐	SSPORTS 1998b	NFA
T001	447	Yes	☐	☐	Radian 1997b	NFA
T001	499	Yes	☑	☐	SSPORTS 1998b	NFA
T002	183	Yes	☑	☐	SSPORTS 1998b	NFA
T002	298	Yes	☑	☐	SSPORTS 1998b	NFA
T002	405	Yes	☐	☐	Radian 1997b	NFA
T002	469	Yes	☑	☑	ATG 1998c	NFA
T003	1	Yes	☑	☑	SSPORTS 1999a	NFA
T004	496	Yes	☑	☐	SSPORTS 1998b	NFA
T004	Pier 2	Yes	☐	☐	Radian 1997b	NFA
T005	180	Yes	☑	☑	SSPORTS 1999a	NFA
T006	2	Yes	☑	☐	SSPORTS 1998b	NFA
T006	114	Yes	☑	☑	ATG 1998b	NFA
T006	141	Yes	☐	☐	Radian 1997a	NFA
T006	143	Yes	☐	☐	SSPORTS 1998b	NFA
T006	343	Yes	☑	☑	ATG 1998b	NFA
T006	346	Yes	☑	☑	ATG 1998c	NFA
T006	347	Yes	☑	☐	Radian 1997b	NFA
T006	358	Yes	☑	☐	SSPORTS 1998b	NFA
T006	383	Yes	☑	☐	Radian 1997b	NFA
T006	384	Yes	☑	☑	Radian 1997b	NFA
T006	385	Yes	☑	☑	SSPORTS 1999a	NFA
T006	413	Yes	☑	☐	SSPORTS 1998b	NFA
T006	448	Yes	☐	☐	SSPORTS 1998b	NFA
T006	454	Yes	☐	☐	Radian 1997b	NFA
T006	459	Yes	☑	☐	Radian 1997b; SulTech 2005a	NFA
T006	459-B	Yes	☑	☐	Radian 1997b; SulTech 2005a	NFA
T006	501	Yes	☐	☐	Radian 1997b	NFA
T006	520	Yes	☑	☐	Radian 1997b	NFA
T006	UN26	Unknown	☐	☐	--	TBD
T007	41	Yes	☑	☑	ATG 1998a; SulTech 2005a	NFA
T007	361	Yes	☑	☑	SSPORTS 1998b; SulTech 2005a	NFA

TABLE 6-15: SUMMARY OF ASBESTOS-CONTAINING MATERIAL SURVEY RESULTS (Continued)

Final, Supplemental Environmental Baseline Survey, Naval Station Treasure Island

EBS Parcel	Building	Surveyed	Asbestos Present	Friability	Closure Document*	Status
T008	3	Yes	☑	☑	SSPORTS 1999a; SulTech 2005a	NFA
T008	111	Yes	☑	☑	SSPORTS 1999a; SulTech 2005a	NFA
T008	289	Yes	☐	☐	Radian 1997b	NFA
T008	290	Yes	☑	☑	ATG 1998b	NFA
T008	325	Yes	☑	☐	SulTech 2005a	NFA
T008	355	Yes	☑	☑	ATG 1998b	NFA
T008	394	Yes	☑	☐	Radian 1997b; SulTech 2005a	NFA
T009	112	Yes	☑	☐	SSPORTS 1998b	NFA
T010	493	Yes	☐	☐	Radian 1997b	NFA
T010	UN4	Yes	☑	☑	SSPORTS 1999a	NFA
T010	UN5	Yes	☑	☐	SSPORTS 1998b	NFA
T011	7	Yes	☑	☑	ATG 1998a; SulTech 2005a	NFA
T013	233	Yes	☑	☑	ATG 1998b; Mendelian Construction 2002; SulTech 2005a	NFA
T014	40	Yes	☑	☑	SSPORTS 1999a; SulTech 2005a	NFA
T015	530	Yes	☑	☐	Radian 1997b	NFA
T016	396	Yes	☑	☐	Radian 1997b	NFA
T017	34	Yes	☑	☑	SSPORTS 1999a	NFA
T018	91	Yes	☑	☑	SSPORTS 1999a	NFA
T023	450	Yes	☑	☑	ATG 1998c	NFA
T024	395	Yes	☑	☐	Radian 1997b	NFA
T027	140	Yes	☑	☑	ATG 1998c	NFA
T027	398	Yes	☐	☐	Radian 1997b	NFA
T029	449	Yes	☑	☑	ATG 1998c	NFA
T029	481	Yes	☑	☐	Radian 1997a; SulTech 2005a	NFA
T030	187	Yes	☑	☑	SSPORTS 1999a	NFA
T030	265	Yes	☑	☑	SSPORTS 1999a	NFA
T030	271	Yes	☑	☑	ATG 1998c	NFA
T031	227	Yes	☑	☑	ATG 1998a	NFA

TABLE 6-15: SUMMARY OF ASBESTOS-CONTAINING MATERIAL SURVEY RESULTS (Continued)

Final, Supplemental Environmental Baseline Survey, Naval Station Treasure Island

EBS Parcel	Building	Surveyed	Asbestos Present	Friability	Closure Document*	Status
T032	153	Yes	☐	☐	Radian 1997b	NFA
T034	452	Yes	☑	☐	SSPORTS 1998b	NFA
T034	453	Yes	☑	☑	ATG 1998c	NFA
T040	486	Yes	☑	☐	SSPORTS 1998b	NFA
T049	258	Yes	☑	☑	ATG 1998c	NFA
T052	393	Yes	☑	☐	Radian 1997b	NFA
T053	229A	Yes	☑	☑	Radian 1997b	NFA
T054	229	Yes	☑	☑	ATG 1998c	NFA
T055	29	Yes	☑	☑	ATG 1998a; SulTech 2005a	NFA
T055	378	Yes	☑	☐	SSPORTS 1998b	NFA
T055	379	Yes	☐	☐	SSPORTS 1998b	NFA
T056	92	Yes	☑	☑	ATG 1998b; SulTech 2005a	NFA
T056	107	Yes	☑	☑	ATG 1998b; SulTech 2005a	NFA
T056	230	Yes	☑	☑	ATG 1998b; SulTech 2005a	NFA
T056	293	Yes	☑	☑	ATG 1998b	NFA
T056	341	Yes	☑	☐	SSPORTS 1998b	NFA
T056	381	Yes	☐	☐	SSPORTS 1998b	NFA
T056	382	Yes	☑	☐	Radian 1997b	NFA
T056	390	Yes	☑	☐	Radian 1997b	NFA
T056	443	Yes	☑	☐	Radian 1997b	NFA
T056	444	Yes	☑	☐	Radian 1997b	NFA
T056	480	Yes	☑	☐	SSPORTS 1998b	NFA
T056	485	Yes	☑	☐	Radian 1997b	NFA
T057	455	Yes	☑	☐	Radian 1997b SSPORTS 1998b; SulTech 2005a	NFA
T058	103	Yes	☐	☐	Radian 1997b	NFA
T058	105	Yes	☑	☐	SSPORTS 1998b	NFA
T059	96	Yes	☑	☑	ATG 1998a	NFA
T059	99	Yes	☑	☑	ATG 1998b	NFA
T060	260	Yes	☑	☑	ATG 1998b	NFA
T062	261-A	Yes	☑	☑	ATG 1998c	NFA

TABLE 6-15: SUMMARY OF ASBESTOS-CONTAINING MATERIAL SURVEY RESULTS (Continued)

Final, Supplemental Environmental Baseline Survey, Naval Station Treasure Island

EBS Parcel	Building	Surveyed	Asbestos Present	Friability	Closure Document*	Status
T062	261-B	Yes	☑	☑	ATG 1998c	NFA
T063	401	Yes	☑	☑	ATG 1998c	NFA
T065	397	Yes	☐	☐	Radian 1997b	NFA
T065	UN28	Unknown	☐	☐	--	TBD
T066	342	Yes	☑	☑	ATG 1998b; SulTech 2005a	NFA
T066	344	Yes	☐	☐	Radian 1997a	NFA
T067	343	Yes	☐	☐	ATG 1998b	NFA
T067	458	Yes	☑	☐	MINS 1995	NFA
T069	69	Yes	☑	☐	SSPORTS 1998b	NFA
T071	215	Yes	☑	☑	ATG 1998c; Mendelian Construction 2002	NFA
T072	216	Yes	☑	☑	ATG 1998c	NFA
T073	217	Yes	☑	☑	ATG 1998c; Mendelian Construction 2002	NFA
T074	64	Yes	☑	☐	SSPORTS 1998b	NFA
T074	330	Yes	☑	☑	SSPORTS 1999a	NFA
T074	UN10	Yes	☐	☐	SSPORTS 1998b	NFA
T076	6	Yes	☐	☐	Radian 1997b	NFA
T077	671	Yes	☑	☐	MINS 1995	NFA
T078	670	Yes	☑	☐	MINS 1995	NFA
T080	377	Yes	☑	☐	Radian 1997b	NFA
T080	570	Yes	☑	☐	Radian 1997b	NFA
T080	572	Yes	☑	☐	SSPORTS 1998b	NFA
T082	497	Yes	☑	☐	SSPORTS 1998b	NFA
T083	402	Yes	☑	☑	ATG 1998c	NFA
T084	201	Yes	☑	☑	ATG 1998c	NFA
T085	202	Yes	☑	☑	ATG 1998c	NFA
T091	540	Yes	☑	☐	Radian 1997b	NFA
T092	257	Yes	☑	☑	ATG 1998c; Mendelian Construction 2002	NFA
T094	502	Yes	☑	☐	MINS 1995	NFA
T096	1101	Yes	☑	☑	SSPORTS 1999a	NFA

TABLE 6-15: SUMMARY OF ASBESTOS-CONTAINING MATERIAL SURVEY RESULTS (Continued)

Final, Supplemental Environmental Baseline Survey, Naval Station Treasure Island

EBS Parcel	Building	Surveyed	Asbestos Present	Friability	Closure Document*	Status
T096	1103	Yes	☑	☑	SSPORTS 1999a	NFA
T096	1105	Yes	☑	☑	SSPORTS 1999a	NFA
T096	1111	Yes	☑	☑	SSPORTS 1999a	NFA
T096	1113	Yes	☑	☑	SSPORTS 1999a	NFA
T096	1400	Yes	☐	☐	SSPORTS 1998b	NFA
T096	1401	Yes	☐	☐	SSPORTS 1998b	NFA
T096	1402	Yes	☐	☐	SSPORTS 1998b	NFA
T096	1403	Yes	☐	☐	SSPORTS 1998b	NFA
T096	1404	Yes	☐	☐	SSPORTS 1998b	NFA
T096	1406	Yes	☐	☐	SSPORTS 1998b	NFA
T096	1409	Yes	☐	☐	SSPORTS 1998b	NFA
T096	1411	Yes	☐	☐	SSPORTS 1998b	NFA
T096	1412	Yes	☐	☐	SSPORTS 1998b	NFA
T096	1413	Yes	☐	☐	SSPORTS 1998b	NFA
T096	1418	Yes	☐	☐	SSPORTS 1998b	NFA
T097	225	Yes	☑	☐	SSPORTS 1998b	NFA
T097	1405	Yes	☐	☐	SSPORTS 1998b	NFA
T097	1408	Yes	☐	☐	SSPORTS 1998b	NFA
T097	1410	Yes	☐	☐	SSPORTS 1998b	NFA
T097	1419	Yes	☐	☐	SSPORTS 1998b	NFA
T097	1420	Yes	☐	☐	SSPORTS 1998b	NFA
T098	70	Yes	☑	☐	SSPORTS 1998b	NFA
T098	157	Yes	☑	☑	ATG 1998b	NFA
T099	374	Yes	☐	☐	Radian 1997b	NFA
T099	1430	Yes	☐	☐	SSPORTS 1998b	NFA
T099	1431	Yes	☐	☐	SSPORTS 1998b	NFA
T099	1432	Yes	☐	☐	SSPORTS 1998b	NFA
T099	1433	Yes	☐	☐	SSPORTS 1998b	NFA
T099	1434	Yes	☐	☐	SSPORTS 1998b	NFA
T099	1435	Yes	☐	☐	SSPORTS 1998b	NFA
T099	1436	Yes	☑	☐	SSPORTS 1998b	NFA
T099	1437	Yes	☐	☐	SSPORTS 1998b	NFA
T099	1438	Yes	☐	☐	SSPORTS 1998b	NFA
T099	1439	Yes	☐	☐	SSPORTS 1998b	NFA
T099	1440	Yes	☑	☐	SSPORTS 1998b	NFA

EBS Parcel	Building	Surveyed	Asbestos Present	Friability	Closure Document*	Status
T099	1441	Yes	☐	☐	SSPORTS 1998b	NFA
T099	1442	Yes	☐	☐	SSPORTS 1998b	NFA
T099	1443	Yes	☐	☐	SSPORTS 1998b	NFA
T099	1444	Yes	☐	☐	SSPORTS 1998b	NFA
T099	1445	Yes	☐	☐	SSPORTS 1998b	NFA
T099	1447	Yes	☐	☐	SSPORTS 1998b	NFA
T099	1449	Yes	☐	☐	SSPORTS 1998b	NFA
T100	1301	Yes	☑	☐	SSPORTS 1998b	NFA
T100	1303	Yes	☑	☐	SSPORTS 1998b	NFA
T100	1304	Yes	☑	☐	SSPORTS 1998b	NFA
T100	1305	Yes	☑	☐	SSPORTS 1998b	NFA
T100	1306	Yes	☑	☐	SSPORTS 1998b	NFA
T100	1307	Yes	☑	☐	SSPORTS 1998b	NFA
T100	1308	Yes	☑	☑	SSPORTS 1999a	NFA
T101	1302	Yes	☑	☐	SSPORTS 1998b	NFA
T101	1309	Yes	☑	☐	SSPORTS 1998b	NFA
T101	1310	Yes	☑	☐	SSPORTS 1998b	NFA
T101	1311	Yes	☑	☐	SSPORTS 1998b	NFA
T102	1312	Yes	☑	☐	SSPORTS 1998b	NFA
T102	1313	Yes	☑	☐	SSPORTS 1999a	NFA
T102	1314	Yes	☑	☐	SSPORTS 1999a	NFA
T102	1315	Yes	☑	☐	SSPORTS 1998b	NFA
T102	1316	Yes	☑	☐	SSPORTS 1998b	NFA
T102	1317	Yes	☑	☑	SSPORTS 1999a	NFA
T102	1318	Yes	☑	☐	SSPORTS 1998b	NFA
T102	1319	Yes	☑	☐	SSPORTS 1998b	NFA
T102	1321	Yes	☑	☑	SSPORTS 1999a	NFA
T102	1323	Yes	☑	☐	SSPORTS 1998b	NFA
T102	1325	Yes	☑	☐	SSPORTS 1998b	NFA
T103	1104	Yes	☑	☑	SSPORTS 1999a	NFA
T103	1106	Yes	☑	☑	SSPORTS 1999a	NFA
T103	1108	Yes	☑	☑	SSPORTS 1999a	NFA
T103	1109	Yes	☑	☑	SSPORTS 1999a	NFA
T103	1110	Yes	☑	☑	SSPORTS 1999a	NFA
T103	1112	Yes	☑	☑	SSPORTS 1999a	NFA

EBS Parcel	Building	Surveyed	Asbestos Present	Friability	Closure Document*	Status
T103	1114	Yes	☑	☑	SSPORTS 1999a	NFA
T103	1115	Yes	☑	☑	SSPORTS 1999a	NFA
T103	1116	Yes	☑	☑	SSPORTS 1999a	NFA
T103	1117	Yes	☑	☑	SSPORTS 1999a	NFA
T103	1118	Yes	☑	☑	SSPORTS 1999a	NFA
T103	1119	Yes	☑	☑	SSPORTS 1999a	NFA
T103	1120	Yes	☑	☑	SSPORTS 1999a	NFA
T103	1121	Yes	☑	☑	SSPORTS 1999a	NFA
T103	1122	Yes	☑	☑	SSPORTS 1999a	NFA
T103	1123	Yes	☑	☑	SSPORTS 1999a	NFA
T103	1124	Yes	☑	☑	SSPORTS 1999a	NFA
T103	1125	Yes	☑	☑	SSPORTS 1999a	NFA
T103	1126	Yes	☑	☑	SSPORTS 1999a	NFA
T103	1127	Yes	☑	☑	SSPORTS 1999a	NFA
T103	1128	Yes	☑	☑	SSPORTS 1999a	NFA
T103	1129	Yes	☑	☑	SSPORTS 1999a	NFA
T103	1131	Yes	☑	☑	SSPORTS 1999a	NFA
T103	1133	Yes	☑	☑	SSPORTS 1999a	NFA
T103	1135	Yes	☑	☑	SSPORTS 1999a	NFA
T103	1137	Yes	☑	☑	SSPORTS 1999a	NFA
T103	1139	Yes	☑	☑	SSPORTS 1999a	NFA
T103	1141	Yes	☑	☑	SSPORTS 1999a	NFA
T103	1143	Yes	☑	☑	SSPORTS 1999a	NFA
T103	1145	Yes	☑	☑	SSPORTS 1999a	NFA
T103	1147	Yes	☑	☑	SSPORTS 1999a	NFA
T103	1149	Yes	☑	☑	SSPORTS 1999a	NFA
T103	1201	Yes	☑	☐	SSPORTS 1998b	NFA
T103	1202	Yes	☑	☐	SSPORTS 1998b	NFA
T103	1203	Yes	☑	☐	SSPORTS 1998b	NFA
T103	1204	Yes	☑	☑	SSPORTS 1999a	NFA
T103	1205	Yes	☑	☐	SSPORTS 1998b	NFA
T103	1206	Yes	☑	☐	SSPORTS 1998b	NFA
T103	1207	Yes	☑	☐	SSPORTS 1998b	NFA
T103	1208	Yes	☑	☐	SSPORTS 1998b	NFA
T103	1209	Yes	☑	☑	SSPORTS 1999a	NFA

TABLE 6-15: SUMMARY OF ASBESTOS-CONTAINING MATERIAL SURVEY RESULTS (Continued)

Final, Supplemental Environmental Baseline Survey, Naval Station Treasure Island

EBS Parcel	Building	Surveyed	Asbestos Present	Friability	Closure Document*	Status
T103	1210	Yes	☑	☐	SSPORTS 1998b	NFA
T103	1211	Yes	☑	☐	SSPORTS 1998b	NFA
T103	1213	Yes	☑	☐	SSPORTS 1998b	NFA
T103	1215	Yes	☑	☐	SSPORTS 1998b	NFA
T103	1217	Yes	☑	☐	SSPORTS 1998b	NFA
T103	1219	Yes	☑	☐	SSPORTS 1998b	NFA
T103	1220	Yes	☑	☐	SSPORTS 1998b	NFA
T103	1221	Yes	☑	☐	SSPORTS 1998b	NFA
T103	1222	Yes	☑	☐	SSPORTS 1998b	NFA
T103	1223	Yes	☑	☐	SSPORTS 1998b	NFA
T103	1224	Yes	☑	☐	SSPORTS 1998b	NFA
T103	1225	Yes	☑	☐	SSPORTS 1998b	NFA
T103	1226	Yes	☑	☐	SSPORTS 1998b	NFA
T103	1227	Yes	☑	☐	SSPORTS 1998b	NFA
T103	1228	Yes	☑	☐	SSPORTS 1998b	NFA
T103	1229	Yes	☑	☐	SSPORTS 1998b	NFA
T103	1230	Yes	☑	☐	SSPORTS 1998b	NFA
T103	1231	Yes	☑	☐	SSPORTS 1998b	NFA
T103	1232	Yes	☑	☐	SSPORTS 1998b	NFA
T103	1233	Yes	☑	☐	SSPORTS 1998b	NFA
T103	1234	Yes	☑	☐	SSPORTS 1998b	NFA
T103	1235	Yes	☑	☐	SSPORTS 1998b	NFA
T103	1236	Yes	☑	☐	SSPORTS 1998b	NFA
T103	1237	Yes	☑	☐	SSPORTS 1998b	NFA
T103	1238	Yes	☑	☐	SSPORTS 1998b	NFA
T103	1239	Yes	☑	☐	SSPORTS 1998b	NFA
T103	1240	Yes	☑	☐	SSPORTS 1998b	NFA
T103	1241	Yes	☑	☐	SSPORTS 1998b	NFA
T103	1242	Yes	☑	☐	SSPORTS 1998b	NFA
T103	1243	Yes	☑	☐	SSPORTS 1998b	NFA
T103	1244	Yes	☑	☐	SSPORTS 1998b	NFA
T103	1245	Yes	☑	☐	SSPORTS 1998b	NFA
T103	1246	Yes	☑	☐	SSPORTS 1998b	NFA
T103	1248	Yes	☑	☐	SSPORTS 1998b	NFA
T104	1100	Yes	☑	☑	SSPORTS 1999a	NFA

TABLE 6-15: SUMMARY OF ASBESTOS-CONTAINING MATERIAL SURVEY RESULTS (Continued)

Final, Supplemental Environmental Baseline Survey, Naval Station Treasure Island

EBS Parcel	Building	Surveyed	Asbestos Present	Friability	Closure Document*	Status
T104	1102	Yes	☑	☑	SSPORTS 1999a	NFA
T104	1107	Yes	☑	☑	SSPORTS 1999a	NFA
T105	1212	Yes	☑	☐	SSPORTS 1998b	NFA
T105	1214	Yes	☑	☐	SSPORTS 1998b	NFA
T105	1216	Yes	☑	☐	SSPORTS 1998b	NFA
T105	1218	Yes	☑	☐	SSPORTS 1998b	NFA
T105	1247	Yes	☑	☐	SSPORTS 1998b	NFA
T105	1249	Yes	☑	☐	SSPORTS 1998b	NFA
T105	1250	Yes	☑	☐	SSPORTS 1998b	NFA
T105	1251	Yes	☑	☐	SSPORTS 1998b	NFA
T105	1252	Yes	☑	☐	SSPORTS 1998b	NFA
T105	1253	Yes	☑	☐	SSPORTS 1998b	NFA
T105	1254	Yes	☑	☐	SSPORTS 1998b	NFA
T106	264	Yes	☑	☑	ATG 1998c	NFA
T107	292	Yes	☑	☑	SSPORTS 1999a	NFA
T110	461	Yes	☑	☑	ATG 1998b; SSPORTS 1999a; SulTech 2005a	NFA
T111	462	Yes	☑	☐	Radian 1997b; SulTech 2005a	NFA
T111	463	Yes	☑	☐	Radian 1997b; SulTech 2005a	NFA
T112	415	Yes	☐	☐	Radian 1997a	NFA
T112	416	Yes	☑	☐	Radian 1997b	NFA
T112	417	Yes	☑	☐	Radian 1997b	NFA
T112	465	Yes	☐	☐	Radian 1997b	NFA
T112	466	Yes	☐	☐	Radian 1997b	NFA
T112	467	Yes	☐	☐	Radian 1997b	NFA
T112	468	Yes	☐	☐	SSPORTS 1998b	NFA
T112	550	Yes	☑	☐	Radian 1997b	NFA
T112	681	Yes	☑	☐	SSPORTS 1998b	NFA
T112	UN12	Unknown	☐	☐	--	TBD
T112	UN13	Unknown	☐	☐	--	TBD
T113	62	Yes	☑	☑	ATG 1998a	NFA
T114	335	Yes	☑	☑	ATG 1998b	NFA
T114	UN29	Unknown	☐	☐	--	TBD

TABLE 6-15: SUMMARY OF ASBESTOS-CONTAINING MATERIAL SURVEY RESULTS (Continued)

Final, Supplemental Environmental Baseline Survey, Naval Station Treasure Island

EBS Parcel	Building	Surveyed	Asbestos Present	Friability	Closure Document*	Status
T115	445	Yes	☑	☑	ATG 1998b; SulTech 2005a	NFA
T116	3	Yes	☑	☑	SSPORTS 1999a	NFA
T119	Pier 1	Yes	☐	☐	Radian 1997b	NFA
T120	600	Yes	☑	☐	Radian 1997b	NFA
T120	605	Yes	☑	☐	Radian 1997b	NFA
T120	606	Yes	☐	☐	Radian 1997b	NFA
T120	607	Yes	☐	☐	Radian 1997b	NFA
T120	608	Yes	☐	☐	Radian 1997b	NFA
T120	609	Yes	☐	☐	Radian 1997b	NFA
T120	610	Yes	☐	☐	Radian 1997b	NFA
T120	611	Yes	☐	☐	Radian 1997b	NFA
T120	612	Yes	☐	☐	Radian 1997b	NFA
T120	613	Yes	☐	☐	Radian 1997b	NFA
T120	614	Yes	☐	☐	Radian 1997b	NFA
T120	615	Yes	☐	☐	Radian 1997b	NFA
T120	616	Yes	☐	☐	Radian 1997b	NFA
T120	617	Yes	☐	☐	Radian 1997b	NFA
YB003	253	Yes	☑	☐	SSPORTS 1998b	NFA
YB004	60	Yes	☑	☐	SSPORTS 1998b	NFA
YB004	61	Yes	☑	☐	SSPORTS 1998b	NFA
YB004	105	Yes	☐	☐	Radian 1997a	NFA
YB004	106	Yes	☐	☐	Radian 1997a	NFA
YB004	109	Yes	☐	☐	Radian 1997a	NFA
YB004	111	Yes	☐	☐	Radian 1997a	NFA
YB004	113	Yes	☐	☐	Radian 1997a	NFA
YB004	115	Yes	☐	☐	Radian 1997a	NFA
YB004	162T	Yes	☑	☐	SSPORTS 1998b	NFA
YB004	227	Yes	☑	☐	SSPORTS 1998b	NFA
YB004	242T	Yes	☐	☐	SSPORTS 1998b	NFA
YB004	243	Yes	☑	☐	SSPORTS 1998b	NFA
YB004	276	Yes	☑	☑	SSPORTS 1998b	NFA
YB004	300	Yes	☑	☑	SSPORTS 1999a	NFA
YB004	301	Yes	☑	☑	SSPORTS 1999a	NFA
YB004	302	Yes	☑	☑	SSPORTS 1999a	NFA

TABLE 6-15: SUMMARY OF ASBESTOS-CONTAINING MATERIAL SURVEY RESULTS (Continued)

Final, Supplemental Environmental Baseline Survey, Naval Station Treasure Island

EBS Parcel	Building	Surveyed	Asbestos Present	Friability	Closure Document*	Status
YB004	303	Yes	☑	☑	SSPORTS 1999a	NFA
YB004	304	Yes	☑	☑	SSPORTS 1999a	NFA
YB004	324	Yes	☑	☑	SSPORTS 1999a	NFA
YB004	325	Yes	☑	☑	SSPORTS 1999a	NFA
YB004	326	Yes	☑	☑	SSPORTS 1999a	NFA
YB004	327	Yes	☑	☑	ATG 1998a	NFA
YB004	328	Yes	☑	☑	SSPORTS 1999a	NFA
YB004	329	Yes	☑	☑	SSPORTS 1999a	NFA
YB004	331	Yes	☑	☑	SSPORTS 1999a	NFA
YB005	225	Yes	☑	☐	SSPORTS 1998b	NFA
YB006	261	Yes	☑	☐	SSPORTS 1998b	NFA
YB008	221	Yes	☑	☐	SSPORTS 1998b	NFA
YB009	255	Yes	☑	☐	SSPORTS 1998b	NFA
YB011	66	Yes	☐	☐	SSPORTS 1998b	NFA
YB012	274	Yes	☐	☐	SSPORTS 1998b	NFA
YB013	62	Yes	☑	☑	SSPORTS 1998b; SSPORTS 1999a	NFA
YB014	107	Yes	☑	☐	SSPORTS 1998b	NFA
YB014	168T	Yes	☑	☐	SSPORTS 1998b	NFA
YB014	229	Yes	☑	☑	SSPORTS 1999a; SulTech 2005a	NFA
YB014	UN25	Yes	☐	☐	SSPORTS 1998b	NFA
YB015	118	Yes	☑	☐	SSPORTS 1998b	NFA
YB016	240	Yes	☑	☑	SSPORTS 1999a; SulTech 2005a	NFA
YB019	Qtrs 1	Yes	☑	☐	Radian 1997a; Mendelian Construction 2002; SulTech 2005a	NFA
YB019	Qtrs 2	Yes	☑	☑	ATG 1998a; SulTech 2005a	NFA
YB019	Qtrs 3	Yes	☐	☐	Radian 1997a; SulTech 2005a	NFA
YB019	Qtrs 4	Yes	☑	☑	SSPORTS 1999a	NFA
YB019	Qtrs 5	Yes	☑	☑	ATG 1998a; SulTech 2005a	NFA

TABLE 6-15: SUMMARY OF ASBESTOS-CONTAINING MATERIAL SURVEY RESULTS (Continued)

Final, Supplemental Environmental Baseline Survey, Naval Station Treasure Island

EBS Parcel	Building	Surveyed	Asbestos Present	Friability	Closure Document*	Status
YB019	Qtrs 6	Yes	☑	☑	ATG 1998a; Mendelian Construction 2002	NFA
YB019	Qtrs 7	Yes	☑	☑	ATG 1998a; Mendelian Construction 2002	NFA
YB019	Qtrs 10	Yes	☑	☑	SSPORTS 1999a	NFA
YB019	57	Yes	☑	☑	SSPORTS 1999a; SulTech 2005a	NFA
YB019	83	Yes	☑	☑	SSPORTS 1999a	NFA
YB019	142	Yes	☑	☐	SSPORTS 1998b	NFA
YB019	200	Yes	☑	☑	SSPORTS 1999a	NFA
YB019	205	Yes	☑	☐	SSPORTS 1998b	NFA
YB019	230	Yes	☑	☑	SSPORTS 1998b	NFA
YB019	267	Yes	☑	☑	SSPORTS 1998b	NFA
YB026	262	Yes	☑	☑	SSPORTS 1999a	NFA

TABLE 6-15: SUMMARY OF ASBESTOS-CONTAINING MATERIAL SURVEY RESULTS (Continued)

Final, Supplemental Environmental Baseline Survey, Naval Station Treasure Island

Notes:

	Unchecked boxes means none identified
--	Site has not been closed at time of this SEBS.
*	Asbestos containing materials do not require regulatory concurrence
ATG	Allied Technology Group, Inc
EBS	Environmental baseline survey
MINS	Mare Island Naval Shipyard
NFA	No further action
Radian	Radian International LLC
SSPORTS	Supervisor of Shipbuilding, Conversion and Repair, Portsmouth, Virginia, Environmental Detachment, Vallejo
TBD	To be determined
UN	Building numbers prefixed by "UN" are previously unnumbered or have no known number.

References:

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MINS 1995. "Final Asbestos Survey Report Naval Station Treasure Island." December.

Mendelian Construction, Inc. 2004. "Final Report Asbestos Removal Project at Treasure Island/Yerba Buena Island, California." May 13.

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Radian 1997b. "Asbestos Survey Summary of 71 Buildings for Naval Station Treasure Island." June.

SSPORTS 1998b. "Asbestos Building Survey Report for Miscellaneous Facility Buildings and Underground Steam Utility Lines at TI and YBI Vol. 1; Asbestos Building Survey Report for Residential Housing Units at Treasure Island and Yerba Buena Island, Vol. II." November.

SSPORTS 1999a. "Asbestos Remediation Completion Report For Residential Housing Units (Vol.1) and Nonresidential Miscellaneous Facility Buildings (Vol.2) at Treasure Island and Yerba Buena Island." August.

SulTech 2005. "Revised Draft Final Environmental Baseline Survey Treasure Island, San Francisco, California." Prepared for BRAC PMO West. March 100

TABLE 6-16: SUMMARY OF LEAD-BASED PAINT IN RESIDENTIAL BUILDINGS

Final, Supplemental Environmental Baseline Survey, Naval Station Treasure Island

EBS Parcel	Building	Year Built	Use	LBP Present	Document Addressing LBP	Status at Time of this SEBS
T096	1101	1966	Housing	Yes	PWC 1996a	Assessment required within 12 months of transfer to be responsibility of transferee
T096	1103	1966	Housing	Yes	PWC 1996a	Assessment required within 12 months of transfer to be responsibility of transferee
T096	1105	1966	Housing	Yes	PWC 1996a	Assessment required within 12 months of transfer to be responsibility of transferee
T096	1111	1966	Housing	Yes	PWC 1996a	Assessment required within 12 months of transfer to be responsibility of transferee
T096	1113	1966	Housing	Yes	PWC 1996a	Assessment required within 12 months of transfer to be responsibility of transferee
T096	1400	1989	Housing	No	NA	No closure action required
T096	1401	1989	Housing	No	NA	No closure action required
T096	1402	1989	Housing	No	NA	No closure action required
T096	1403	1989	Housing	No	NA	No closure action required
T096	1404	1989	Housing	No	NA	No closure action required
T096	1406	1989	Housing	No	NA	No closure action required
T096	1409	1989	Housing	No	NA	No closure action required
T096	1411	1989	Housing	No	NA	No closure action required
T096	1412	1989	Housing	No	NA	No closure action required

TABLE 6-16: SUMMARY OF LEAD-BASED PAINT IN RESIDENTIAL BUILDINGS (Continued)

Final, Supplemental Environmental Baseline Survey, Naval Station Treasure Island

EBS Parcel	Building	Year Built	Use	LBP Present	Document Addressing LBP	Status at Time of this SEBS
T096	1413	1989	Housing	No	NA	No closure action required
T096	1418	1989	Housing	No	NA	No closure action required
T097	1405	1989	Housing	No	NA	No closure action required
T097	1408	1989	Housing	No	NA	No closure action required
T097	1410	1989	Housing	No	NA	No closure action required
T097	1419	1989	Housing	No	NA	No closure action required
T097	1420	1989	Housing	No	NA	No closure action required
T099	1430	1989	Housing	No	NA	No closure action required
T099	1431	1989	Housing	No	NA	No closure action required
T099	1432	1989	Housing	No	NA	No closure action required
T099	1433	1989	Housing	No	NA	No closure action required
T099	1434	1989	Housing	No	NA	No closure action required
T099	1435	1989	Housing	No	NA	No closure action required
T099	1436	1989	Housing	No	NA	No closure action required
T099	1437	1989	Housing	No	NA	No closure action required
T099	1438	1989	Housing	No	NA	No closure action required
T099	1439	1989	Housing	No	NA	No closure action required
T099	1440	1989	Housing	No	NA	No closure action required
T099	1441	1989	Housing	No	NA	No closure action required
T099	1442	1989	Housing	No	NA	No closure action required
T099	1443	1989	Housing	No	NA	No closure action required

TABLE 6-16: SUMMARY OF LEAD-BASED PAINT IN RESIDENTIAL BUILDINGS (Continued)

Final, Supplemental Environmental Baseline Survey, Naval Station Treasure Island

EBS Parcel	Building	Year Built	Use	LBP Present	Document Addressing LBP	Status at Time of this SEBS
T099	1444	1989	Housing	No	NA	No closure action required
T099	1445	1989	Housing	No	NA	No closure action required
T099	1447	1989	Housing	No	NA	No closure action required
T099	1449	1989	Housing	No	NA	No closure action required
T100	1301	1974	Housing	Yes	PWC 1996a	Assessment required within 12 months of transfer to be responsibility of transferee
T100	1303	1974	Housing	Yes	PWC 1996a	Assessment required within 12 months of transfer to be responsibility of transferee
T100	1304	1974	Housing	Yes	PWC 1996a	Assessment required within 12 months of transfer to be responsibility of transferee
T100	1305	1974	Housing	Yes	PWC 1996a	Assessment required within 12 months of transfer to be responsibility of transferee
T100	1306	1974	Housing	Yes (b)	PWC 1996a	Assessment required within 12 months of transfer to be responsibility of transferee
T100	1307	1974	Housing	Yes	PWC 1996a	Assessment required within 12 months of transfer to be responsibility of transferee
T100	1308	1974	Housing	Yes	PWC 1996a	Assessment required within 12 months of transfer to be responsibility of transferee

TABLE 6-16: SUMMARY OF LEAD-BASED PAINT IN RESIDENTIAL BUILDINGS (Continued)

Final, Supplemental Environmental Baseline Survey, Naval Station Treasure Island

EBS Parcel	Building	Year Built	Use	LBP Present	Document Addressing LBP	Status at Time of this SEBS
T101	1302	1974	Housing	Yes	PWC 1996a	Assessment required within 12 months of transfer to be responsibility of transferee
T101	1309	1974	Housing	Yes (b)	PWC 1996a	Assessment required within 12 months of transfer to be responsibility of transferee
T101	1310	1974	Housing	Yes	PWC 1996a	Assessment required within 12 months of transfer to be responsibility of transferee
T101	1311	1974	Housing	Yes	PWC 1996a	Assessment required within 12 months of transfer to be responsibility of transferee
T101	1312	1974	Housing	Yes	PWC 1996a	Assessment required within 12 months of transfer to be responsibility of transferee
T102	1312	1974	Housing		PWC 1996a	Assessment required within 12 months of transfer to be responsibility of transferee
T102	1313	1974	Housing	Yes	PWC 1996a	Assessment required within 12 months of transfer to be responsibility of transferee
T102	1314	1974	Housing	Yes	PWC 1996a	Assessment required within 12 months of transfer to be responsibility of transferee

TABLE 6-16: SUMMARY OF LEAD-BASED PAINT IN RESIDENTIAL BUILDINGS (Continued)

Final, Supplemental Environmental Baseline Survey, Naval Station Treasure Island

EBS Parcel	Building	Year Built	Use	LBP Present	Document Addressing LBP	Status at Time of this SEBS
T102	1315	1974	Housing	Yes	PWC 1996a	Assessment required within 12 months of transfer to be responsibility of transferee
T102	1316	1974	Housing	Yes	PWC 1996a	Assessment required within 12 months of transfer to be responsibility of transferee
T102	1317	1974	Housing	Yes	PWC 1996a	Assessment required within 12 months of transfer
T102	1318	1974	Housing	Yes	PWC 1996a	Assessment required within 12 months of transfer to be responsibility of transferee
T102	1319	1974	Housing	Yes (b)	PWC 1996a	Assessment required within 12 months of transfer
T102	1321	1974	Housing	Yes (b)	PWC 1996a	Assessment required within 12 months of transfer
T102	1323	1974	Housing	Yes	PWC 1996a	Assessment required within 12 months of transfer
T102	1325	1974	Housing	No	PWC 1996a	Assessment required within 12 months of transfer
T103	1104	1966	Housing	Yes	PWC 1996a	Assessment required within 12 months of transfer
T103	1106	1966	Housing	Yes	PWC 1996a	Assessment required within 12 months of transfer to be responsibility of transferee
T103	1108	1966	Housing	Yes	PWC 1996a	Assessment required within 12 months of transfer to be responsibility of transferee

TABLE 6-16: SUMMARY OF LEAD-BASED PAINT IN RESIDENTIAL BUILDINGS (Continued)

Final, Supplemental Environmental Baseline Survey, Naval Station Treasure Island

EBS Parcel	Building	Year Built	Use	LBP Present	Document Addressing LBP	Status at Time of this SEBS
T103	1109	1966	Housing	Yes	PWC 1996a	Assessment required within 12 months of transfer to be responsibility of transferee
T103	1110	1966	Housing	Yes	PWC 1996a	Assessment required within 12 months of transfer to be responsibility of transferee
T103	1112	1966	Housing	Yes	PWC 1996a	Assessment required within 12 months of transfer to be responsibility of transferee
T103	1114	1966	Housing	Yes	PWC 1996a	Assessment required within 12 months of transfer to be responsibility of transferee
T103	1115	1966	Housing	Yes	PWC 1996a	Assessment required within 12 months of transfer to be responsibility of transferee
T103	1116	1966	Housing	Yes (b)	PWC 1996a	Assessment required within 12 months of transfer to be responsibility of transferee
T103	1117	1966	Housing	Yes	PWC 1996a	Assessment required within 12 months of transfer to be responsibility of transferee
T103	1118	1966	Housing	Yes (b)	PWC 1996a	Assessment required within 12 months of transfer to be responsibility of transferee
T103	1119	1966	Housing	Yes	PWC 1996a	Assessment required within 12 months of transfer

TABLE 6-16: SUMMARY OF LEAD-BASED PAINT IN RESIDENTIAL BUILDINGS (Continued)

Final, Supplemental Environmental Baseline Survey, Naval Station Treasure Island

EBS Parcel	Building	Year Built	Use	LBP Present	Document Addressing LBP	Status at Time of this SEBS
T103	1120	1966	Housing	Yes	PWC 1996a	Assessment required within 12 months of transfer to be responsibility of transferee
T103	1121	1966	Housing	Yes	PWC 1996a	Assessment required within 12 months of transfer
T103	1122	1966	Housing	Yes (b)	PWC 1996a	Assessment required within 12 months of transfer to be responsibility of transferee
T103	1123	1966	Housing	Yes (b)	PWC 1996a	Assessment required within 12 months of transfer
T103	1124	1966	Housing	Yes	PWC 1996a	Assessment required within 12 months of transfer to be responsibility of transferee
T103	1125	1966	Housing	Yes	PWC 1996a	Assessment required within 12 months of transfer
T103	1126	1966	Housing	Yes	PWC 1996a	Assessment required within 12 months of transfer to be responsibility of transferee
T103	1127	1966	Housing	Yes	PWC 1996a	Assessment required within 12 months of transfer
T103	1128	1966	Housing	Yes (b)	PWC 1996a	Assessment required within 12 months of transfer to be responsibility of transferee
T103	1129	1966	Housing	Yes (b)	PWC 1996a	Assessment required within 12 months of transfer to be responsibility of transferee

TABLE 6-16: SUMMARY OF LEAD-BASED PAINT IN RESIDENTIAL BUILDINGS (Continued)

Final, Supplemental Environmental Baseline Survey, Naval Station Treasure Island

EBS Parcel	Building	Year Built	Use	LBP Present	Document Addressing LBP	Status at Time of this SEBS
T103	1131	1966	Housing	Yes (b)	PWC 1996a	Assessment required within 12 months of transfer to be responsibility of transferee
T103	1133	1966	Housing	Yes	PWC 1996a	Assessment required within 12 months of transfer to be responsibility of transferee
T103	1135	1966	Housing	Yes	PWC 1996a	Assessment required within 12 months of transfer to be responsibility of transferee
T103	1137	1966	Housing	Yes (b)	PWC 1996a	Assessment required within 12 months of transfer to be responsibility of transferee
T103	1139	1966	Housing	Yes (b)	PWC 1996a	Assessment required within 12 months of transfer to be responsibility of transferee
T103	1141	1966	Housing	Yes (b)	PWC 1996a	Assessment required within 12 months of transfer to be responsibility of transferee
T103	1143	1966	Housing	Yes (b)	PWC 1996a	Assessment required within 12 months of transfer to be responsibility of transferee
T103	1145	1966	Housing	Yes (b)	PWC 1996a	Assessment required within 12 months of transfer to be responsibility of transferee

TABLE 6-16: SUMMARY OF LEAD-BASED PAINT IN RESIDENTIAL BUILDINGS (Continued)

Final, Supplemental Environmental Baseline Survey, Naval Station Treasure Island

EBS Parcel	Building	Year Built	Use	LBP Present	Document Addressing LBP	Status at Time of this SEBS
T103	1147	1966	Housing	Yes (b)	PWC 1996a	Assessment required within 12 months of transfer to be responsibility of transferee
T103	1149	1966	Housing	Yes (b)	PWC 1996a	Assessment required within 12 months of transfer to be responsibility of transferee
T103	1201	1969	Housing	Yes	PWC 1996a	Assessment required within 12 months of transfer to be responsibility of transferee
T103	1202	1969	Housing	Yes (b)	PWC 1996a	Assessment required within 12 months of transfer to be responsibility of transferee
T103	1203	1969	Housing	Yes (b)	PWC 1996a	Assessment required within 12 months of transfer to be responsibility of transferee
T103	1204	1969	Housing	Yes	PWC 1996a	Assessment required within 12 months of transfer to be responsibility of transferee
T103	1205	1969	Housing	Yes (b)	PWC 1996a	Assessment required within 12 months of transfer to be responsibility of transferee
T103	1206	1969	Housing	Yes	PWC 1996a	Assessment required within 12 months of transfer to be responsibility of transferee
T103	1207	1969	Housing	Yes (b)	PWC 1996a; IT 1999	Assessment required within 12 months of transfer

TABLE 6-16: SUMMARY OF LEAD-BASED PAINT IN RESIDENTIAL BUILDINGS (Continued)

Final, Supplemental Environmental Baseline Survey, Naval Station Treasure Island

EBS Parcel	Building	Year Built	Use	LBP Present	Document Addressing LBP	Status at Time of this SEBS
T103	1208	1969	Housing	Yes	PWC 1996a	Assessment required within 12 months of transfer to be responsibility of transferee
T103	1209	1969	Housing	Yes	PWC 1996a; IT 1999	Assessment required within 12 months of transfer
T103	1210	1969	Housing	Yes (b)	PWC 1996a	Assessment required within 12 months of transfer to be responsibility of transferee
T103	1211	1969	Housing	Yes	PWC 1996a	Assessment required within 12 months of transfer to be responsibility of transferee
T103	1213	1969	Housing	Yes (b)	PWC 1996a	Assessment required within 12 months of transfer to be responsibility of transferee
T103	1215	1969	Housing	Yes	PWC 1996a	Assessment required within 12 months of transfer to be responsibility of transferee
T103	1217	1969	Housing	Yes	PWC 1996a	Assessment required within 12 months of transfer to be responsibility of transferee
T103	1219	1969	Housing	Yes (b)	PWC 1996a	Assessment required within 12 months of transfer to be responsibility of transferee
T103	1220	1969	Housing	Yes	PWC 1996a	Assessment required within 12 months of transfer to be responsibility of transferee

TABLE 6-16: SUMMARY OF LEAD-BASED PAINT IN RESIDENTIAL BUILDINGS (Continued)

Final, Supplemental Environmental Baseline Survey, Naval Station Treasure Island

EBS Parcel	Building	Year Built	Use	LBP Present	Document Addressing LBP	Status at Time of this SEBS
T103	1221	1969	Housing	Yes (b)	PWC 1996a	Assessment required within 12 months of transfer to be responsibility of transferee
T103	1222	1969	Housing	Yes	PWC 1996a	Assessment required within 12 months of transfer
T103	1223	1969	Housing	Yes	PWC 1996a	Assessment required within 12 months of transfer to be responsibility of transferee
T103	1224	1969	Housing	Yes (b)	PWC 1996a	Assessment required within 12 months of transfer to be responsibility of transferee
T103	1225	1969	Housing	Yes	PWC 1996a	Assessment required within 12 months of transfer to be responsibility of transferee
T103	1226	1969	Housing	Yes	PWC 1996a	Assessment required within 12 months of transfer to be responsibility of transferee
T103	1227	1969	Housing	Yes	PWC 1996a	Assessment required within 12 months of transfer to be responsibility of transferee
T103	1228	1969	Housing	Yes	PWC 1996a	Assessment required within 12 months of transfer to be responsibility of transferee
T103	1229	1969	Housing	Yes	PWC 1996a	Assessment required within 12 months of transfer

TABLE 6-16: SUMMARY OF LEAD-BASED PAINT IN RESIDENTIAL BUILDINGS (Continued)

Final, Supplemental Environmental Baseline Survey, Naval Station Treasure Island

EBS Parcel	Building	Year Built	Use	LBP Present	Document Addressing LBP	Status at Time of this SEBS
T103	1230	1969	Housing	Yes (b)	PWC 1996a	Assessment required within 12 months of transfer to be responsibility of transferee
T103	1231	1969	Housing	Yes	PWC 1996a	Assessment required within 12 months of transfer
T103	1232	1969	Housing	Yes (b)	PWC 1996a	Assessment required within 12 months of transfer to be responsibility of transferee
T103	1233	1969	Housing	Yes (b)	PWC 1996a	Assessment required within 12 months of transfer to be responsibility of transferee
T103	1234	1969	Housing	Yes (b)	PWC 1996a	Assessment required within 12 months of transfer to be responsibility of transferee
T103	1235	1969	Housing	Yes	PWC 1996a	Assessment required within 12 months of transfer to be responsibility of transferee
T103	1236	1969	Housing	Yes	PWC 1996a	Assessment required within 12 months of transfer
T103	1237	1969	Housing	Yes (b)	PWC 1996a	Assessment required within 12 months of transfer to be responsibility of transferee
T103	1238	1969	Housing	Yes	PWC 1996a	Assessment required within 12 months of transfer to be responsibility of transferee

TABLE 6-16: SUMMARY OF LEAD-BASED PAINT IN RESIDENTIAL BUILDINGS (Continued)

Final, Supplemental Environmental Baseline Survey, Naval Station Treasure Island

EBS Parcel	Building	Year Built	Use	LBP Present	Document Addressing LBP	Status at Time of this SEBS
T103	1239	1969	Housing	Yes	PWC 1996a	Assessment required within 12 months of transfer to be responsibility of transferee
T103	1240	1969	Housing	Yes (b)	PWC 1996a	Assessment required within 12 months of transfer to be responsibility of transferee
T103	1241	1969	Housing	Yes (b)	PWC 1996a	Assessment required within 12 months of transfer to be responsibility of transferee
T103	1242	1969	Housing	Yes (b)	PWC 1996a	Assessment required within 12 months of transfer to be responsibility of transferee
T103	1243	1969	Housing	Yes (b)	PWC 1996a	Assessment required within 12 months of transfer to be responsibility of transferee
T103	1244	1969	Housing	Yes (b)	PWC 1996a	Assessment required within 12 months of transfer
T103	1245	1969	Housing	Yes (b)	PWC 1996a	Assessment required within 12 months of transfer to be responsibility of transferee
T103	1246	1969	Housing	Yes (b)	PWC 1996a	Assessment required within 12 months of transfer to be responsibility of transferee
T103	1248	1969	Housing	Yes (b)	PWC 1996a	Assessment required within 12 months of transfer to be responsibility of transferee

TABLE 6-16: SUMMARY OF LEAD-BASED PAINT IN RESIDENTIAL BUILDINGS (Continued)

Final, Supplemental Environmental Baseline Survey, Naval Station Treasure Island

EBS Parcel	Building	Year Built	Use	LBP Present	Document Addressing LBP	Status at Time of this SEBS
T104	1100	1966	Housing	Yes	PWC 1996a	Assessment required within 12 months of transfer
T104	1102	1966	Housing	Yes	PWC 1996a	Assessment required within 12 months of transfer to be responsibility of transferee
T104	1107	1966	Housing	Yes	PWC 1996a	Assessment required within 12 months of transfer to be responsibility of transferee
T105	1212	1969	Housing	Yes	PWC 1996a	Assessment required within 12 months of transfer to be responsibility of transferee
T105	1214	1969	Housing	Yes	PWC 1996a	Assessment required within 12 months of transfer to be responsibility of transferee
T105	1216	1969	Housing	Yes	PWC 1996a	Assessment required within 12 months of transfer to be responsibility of transferee
T105	1218	1969	Housing	Yes	PWC 1996a	Assessment required within 12 months of transfer to be responsibility of transferee
T105	1247	1969	Housing	Yes	PWC 1996a	Assessment required within 12 months of transfer to be responsibility of transferee
T105	1249	1969	Housing	Yes	PWC 1996a	Assessment required within 12 months of transfer to be responsibility of transferee

TABLE 6-16: SUMMARY OF LEAD-BASED PAINT IN RESIDENTIAL BUILDINGS (Continued)

Final, Supplemental Environmental Baseline Survey, Naval Station Treasure Island

EBS Parcel	Building	Year Built	Use	LBP Present	Document Addressing LBP	Status at Time of this SEBS
T105	1250	1969	Housing	Yes (b)	PWC 1996a	Assessment required within 12 months of transfer to be responsibility of transferee
T105	1251	1969	Housing	Yes	PWC 1996a	Assessment required within 12 months of transfer to be responsibility of transferee
T105	1252	1969	Housing	Yes (b)	PWC 1996a	Assessment required within 12 months of transfer to be responsibility of transferee
T105	1253	1969	Housing	Yes (b)	PWC 1996a	Assessment required within 12 months of transfer to be responsibility of transferee
T105	1254	1969	Housing	Yes	PWC 1996a	Assessment required within 12 months of transfer to be responsibility of transferee
YB004	60	1917	Quarters	Yes	PWC 1996a; SSPORTS 1999b; ITSI 2004	NFA
YB004	61	1917	Quarters	Yes	PWC 1996a; ITSI 2004	NFA
YB004	105	1934	Quarters	Yes	PWC 1996a; ITSI 2004	NFA
YB004	106	1934	Quarters	Yes	PWC 1996a; ITSI 2004	NFA
YB004	109	1934	Quarters	Yes	PWC 1996a; ITSI 2004	NFA
YB004	111	1921	Quarters	Yes	PWC 1996a; ITSI 2004	NFA
YB004	113	1921	Quarters	Yes	PWC 1996a; SSPORTS 1999b; ITSI 2004	NFA

TABLE 6-16: SUMMARY OF LEAD-BASED PAINT IN RESIDENTIAL BUILDINGS (Continued)

Final, Supplemental Environmental Baseline Survey, Naval Station Treasure Island

EBS Parcel	Building	Year Built	Use	LBP Present	Document Addressing LBP	Status at Time of this SEBS
YB004	115	1921	Quarters	Yes	PWC 1996a; AFA Construction Inc. 1999a; ITSI 2004	NFA
YB004	300	1966	Family housing (8 units)	Yes	PWC 1996a; ITSI 2004	NFA
YB004	301	1966	Housing	Yes	PWC 1996a; ITSI 2004	NFA
YB004	302	1966	Housing	Yes	PWC 1996a; ITSI 2004	NFA
YB004	303	1966	Housing	Yes	PWC 1996a; ITSI 2004	NFA
YB004	304	1966	Housing	Yes	PWC 1996a; ITSI 2004	NFA
YB004	324	1966	Housing	Yes	PWC 1996a; ITSI 2004	NFA
YB004	325	1966	Housing	Yes	PWC 1996a; ITSI 2004	NFA
YB004	326	1966	Housing	Yes	PWC 1996a; ITSI 2004	NFA
YB004	327	1966	Housing	Yes	PWC 1996a; ITSI 2004	NFA
YB004	328	1966	Housing	Yes	PWC 1996a; ITSI 2004	NFA
YB004	329	1966	Housing	Yes	ITSI 2004	NFA
YB004	331	1966	Housing	Yes	ITSI 2004	NFA
YB011	66	1917	Barracks, oil heating plant, garage	Yes	PWC 1996a; SSPORTS 1999b; ITSI 2004	NFA
YB013	62	1944	Quarters	Yes	ITSI 2004	NFA
YB016	240	1944	Quarters, dispensary and ward	Yes	PWC 1996a;	NFA
YB019	Qtrs 1	1900	Senior officers' quarters	Yes	PWC 1996a; ITSI 2004	NFA
YB019	Qtrs 2	1900	Senior officers' quarters	Yes	PWC 1996a; ITSI 2004	NFA
YB019	Qtrs 3	1901	Senior officers' quarters	Yes	PWC 1996a; ITSI 2004	NFA
YB019	Qtrs 4	1901	Senior officers' quarters	Yes	PWC 1996a; ITSI 2004	NFA

TABLE 6-16: SUMMARY OF LEAD-BASED PAINT IN RESIDENTIAL BUILDINGS (Continued)

Final, Supplemental Environmental Baseline Survey, Naval Station Treasure Island

EBS Parcel	Building	Year Built	Use	LBP Present	Document Addressing LBP	Status at Time of this SEBS
YB019	Qtrs 5	1901	Senior officers' quarters	Yes	PWC 1996a; ITSI 2004	NFA
YB019	Qtrs 6	1903	Senior officers' quarters	Yes	PWC 1996a; ITSI 2004	NFA
YB019	Qtrs 7	1903	Senior officers' quarters	Yes	PWC 1996a; ITSI 2004	NFA
YB019	Qtrs 10	1948	Senior officers' quarters	Yes	ITSI 2004	NFA
YB019	83	1918	2-car garage and apartment	Yes	ITSI 2004	NFA
YB019	230	1944	3-car garage and quarters	Yes	Shaw In Press; ITSI 2004	NFA
YB019	267	1947	Garage of Quarters 10	Yes	ITSI 2004	NFA

Notes:

DoD	Department of Defense
EBS	Environmental baseline survey
IT	IT Corporation
ITSI	Innovative Technical Solutions, Inc.
LBP	Lead-based paint
NA	Not applicable
NFA	No further action
PWC	Public Works Center
SEBS	Supplemental environmental baseline survey
SSPORTS	Supervisor of Shipbuilding, Conversion, and Repair, Portsmouth, Virginia, Environmental Detachment, Vallejo
Shaw	Shaw Environmental and Infrastructure, Inc.

References:

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TABLE 6-17: SUMMARY OF LEAD-BASED PAINT IN NON-RESIDENTIAL BUILDINGS

Final, Supplemental Environmental Baseline Survey, Naval Station Treasure Island

EBS Parcel	Building	Year Built	BuildingUse	LBP Present	Document Addressing LBP	Status at Time of this SEBS
T001	146	1941	Gate/sentry house, office	Assumed	NA	No closure action required
T001	447	1964	Bus stop shelter	Assumed	NA	No closure action required
T002	183	1942	Yacht club (sailing club and storage), office, storage	Assumed	NA	No closure action required
T002	298	1944	Loading shed, waiting station, boat house storage	Assumed	NA	No closure action required
T002	469	1969	Standby generator building	Assumed	NA	No closure action required
T003	1	1938	Administrative office, parking, photographic laboratory, telephone exchange communication control link, switching/substation, and museum/memorial; according to historical study, a printing office (1944-1960) and airport terminal for seaplanes(1938-1946)	Assumed	NA	No closure action required
T004	496	1974	Harbor master's office	Assumed	NA	No closure action required
T004	Pier 2	1939	Marina	Assumed	NA	No closure action required
T005	180	1943	Reserve training building, vehicle maintenance, 1st Lieutenant Public Works shops, PWC shops, seaplane maintenance, hangar, garage and shops, transportation center	Assumed	NA	No closure action required
T006	2	1938	Hangar, armory, reserve training center, and combat vehicle maintenance shop, exhibits	Assumed	NA	No closure action required

TABLE 6-17: SUMMARY OF LEAD-BASED PAINT IN NON-RESIDENTIAL BUILDINGS (Continued)

Final, Supplemental Environmental Baseline Survey, Naval Station Treasure Island

EBS Parcel	Building	Year Built	BuildingUse	LBP Present	Document Addressing LBP	Status at Time of this SEBS
T006	114	1942	Reserve training (shops/storage), combat vehicle maintenance, garage	Assumed	NA	No closure action required
T006	141	1943	Residential training building (vacant) USMCR storage, oil storage, explosives office, carpenter's shop and storage	Assumed	NA	No closure action required
T006	143	1941	Hazardous/flammable storage, carpenter shop, gasoline pump house, hazardous material locker	Assumed	NA	No closure action required
T006	343	1951	Hydraulic training school	Assumed	NA	No closure action required
T006	346	1950	Operational shop, radio transmitting station instruction, radio transmitting station	Assumed	NA	No closure action required
T006	347	1951	Gun mount	Assumed	NA	No closure action required
T006	358	1953	Reserve training, resistor bank	Assumed	NA	No closure action required
T006	384	1958	Reserve training, storage, combat vehicle maintenance	Assumed	NA	No closure action required
T006	385	1944	Gun/skeet/trap storage	Assumed	NA	No closure action required
T006	413	1950	Training material storage, communication training	Assumed	NA	No closure action required
T006	448	1965	Reserve training, combat vehicle maintenance, truck service facility	Assumed	NA	No closure action required
T006	454	1968	Ammunition storage	Assumed	NA	No closure action required
T006	459-B	1969	Skeet range building	Assumed	NA	No closure action required
T006	459	1969	Skeet range building	Assumed	NA	No closure action required

TABLE 6-17: SUMMARY OF LEAD-BASED PAINT IN NON-RESIDENTIAL BUILDINGS (Continued)

Final, Supplemental Environmental Baseline Survey, Naval Station Treasure Island

EBS Parcel	Building	Year Built	BuildingUse	LBP Present	Document Addressing LBP	Status at Time of this SEBS
T006	501	1988	Armory, small arms	Assumed No	NA	No closure action required
T006	520	1986	Auxiliary boiler plant	Assumed No	NA	No closure action required
T006	SD		Storage	Assumed	NA	No closure action required
T006	UN2		Storage areas	Assumed	NA	No closure action required
T006	UN3		Active vehicle wash down area: listed in EBS text, not table	Assumed	NA	No closure action required
T006	UN26		Skeet house	Assumed	NA	No closure action required
T006	UN30		Shed: this may be the same shed as Building 114A	Assumed	NA	No closure action required
T007	41	1945	Forge and foundry, paint shop, special services shop; According to the historical study, it was also used to store small arms	Assumed	NA	No closure action required
T007	361	1944	Operational storage, hot water tank	Assumed	NA	No closure action required
T008	3	1938	Ship repair shops, public works, applied instruction, shore intermediate maintenance facility, port control services, exhibition space, and a hangar	Assumed	NA	No closure action required
T008	111	1938	Fire station, storage; Fire House No. 1, Fire Station No. 2	Yes	NA	No closure action required
T008	289	1944	Light equipment storage (lawn maintenance equipment, oil), paint storage, shop, storage	Assumed	NA	No closure action required
T008	290	1944	Storage	Assumed	NA	No closure action required

TABLE 6-17: SUMMARY OF LEAD-BASED PAINT IN NON-RESIDENTIAL BUILDINGS (Continued)

Final, Supplemental Environmental Baseline Survey, Naval Station Treasure Island

EBS Parcel	Building	Year Built	BuildingUse	LBP Present	Document Addressing LBP	Status at Time of this SEBS
T008	325	1945	Shops and storage, pesticide control shop; According to the historical study, also a battery shop	Assumed	NA	No closure action required
T008	355	1946	Sand blasting shop, operation storage	Assumed	NA	No closure action required
T008	394	1944	Sump house	Assumed	NA	No closure action required
T009	112	1943	Harbor master's office; Buildings 12A, 12B, and 12C were combined to form Building 112		--	TBD
T010	493	1974	Storm water pumping station	Assumed	NA	No closure action required
T010	UN4		Sewage lift station No. 111	Assumed	NA	No closure action required
T010	UN5		Small building associated with lift station No. 111	Assumed	NA	No closure action required
T010	UN6		Small building associated with lift station No. 111	Assumed	NA	No closure action required
T011	7		Schools, dark room, carpenter shop, armory, laboratory, gun room, picture exchange, training facility, administrative/operational storage, motion picture exchange	Assumed	NA	No closure action required
T013	233	1944	Lab (chemistry/toxicology), RADIO school, administrative, classrooms	Assumed	NA	No closure action required
T014	40	1942	Navy band training, laboratory, classrooms, barracks, isolation ward, barracks and supply	Yes	--	No closure action required
T015	530	1988	Main boiler plant	Assumed No	NA	No closure action required

TABLE 6-17: SUMMARY OF LEAD-BASED PAINT IN NON-RESIDENTIAL BUILDINGS (Continued)

Final, Supplemental Environmental Baseline Survey, Naval Station Treasure Island

EBS Parcel	Building	Year Built	BuildingUse	LBP Present	Document Addressing LBP	Status at Time of this SEBS
T016	396	1944	Sump house	Assumed	NA	No closure action required
T017	34	1942	Commissary store	Assumed	NA	No closure action required
T018	91	1942	Toilets, self-serve laundry and storage	Assumed	NA	No closure action required
T023	450	1968	Administrative office, employee parking, ticket office	Assumed	NA	No closure action required
T024	395	1944	Sump house	Assumed	NA	No closure action required
T027	140	1942	Commissioned officer's club, commissioned mess open	Assumed	NA	No closure action required
T027	398	1944	Tennis courts	Assumed	NA	No closure action required
T029	449	1966	Communication center, administrative and storage	Assumed	NA	No closure action required
T029	481	1971	Incinerator	Assumed	NA	No closure action required
T030	187	1943	Chapel	Assumed	NA	No closure action required
T030	265	1944	Special service administrative, library, hostess house	Assumed	NA	No closure action required
T030	271	1944	Community service center, officer's recreation	Assumed	NA	No closure action required
T031	227	1944	Chief Petty Officers Mess Hall	Assumed	NA	No closure action required
T032	153	1988	Storm sewer lift station No. 20. According to historical study, also was a transformer station.		PWC 1996a	TBD
T034	452	1969	Barracks	Assumed	NA	No closure action required
T034	453	1970	Barracks, administrative office	Assumed	NA	No closure action required
T049	258	1944	Post office, wives' club, bank, administrative	Assumed	NA	No closure action required

TABLE 6-17: SUMMARY OF LEAD-BASED PAINT IN NON-RESIDENTIAL BUILDINGS (Continued)

Final, Supplemental Environmental Baseline Survey, Naval Station Treasure Island

EBS Parcel	Building	Year Built	BuildingUse	LBP Present	Document Addressing LBP	Status at Time of this SEBS
T052	393	1944	Sewage pump station No. 6; According to the historical study, also used as a sump house	Assumed	NA	No closure action required
T053	229A		Pump house: listed in EBS text, not table	Assumed	NA	No closure action required
T053	UN23		Shed	Assumed	NA	No closure action required
T054	229	1944	Enlisted person's Club, E1-E3	Assumed	NA	No closure action required
T055	29	1969	Classrooms, offices, storage, education center, NTTC, fire fighting damage control school house, boy/girl scouts	Assumed	NA	No closure action required
T055	378	1944	Sewage lift station No. 9/sump house	Assumed	NA	No closure action required
T055	379	1956	Vacant (former paint locker). According to historical study, also used as a paint and hazmat locker.	Assumed	NA	No closure action required
T056	92	1943	Instructional building (vacant), Naval hospital, barracks, classrooms	Yes	--	No closure action required
T056	107	1943	Barracks, administrative office and barracks, police station	Assumed	NA	No closure action required
T056	230	1944	Electronics/ communications maintenance shop, subsistence, shop mobile ordnance technical unit 9	Assumed	NA	No closure action required
T056	240	1946	Refreshment stand	Yes	NA	No closure action required
T056	293	1944	Mechanical school, training, shed	Assumed	NA	No closure action required

TABLE 6-17: SUMMARY OF LEAD-BASED PAINT IN NON-RESIDENTIAL BUILDINGS (Continued)

Final, Supplemental Environmental Baseline Survey, Naval Station Treasure Island

EBS Parcel	Building	Year Built	BuildingUse	LBP Present	Document Addressing LBP	Status at Time of this SEBS
T056	341	1951	Damage control training instruction (USS Buttercup mock-up)	Assumed	NA	No closure action required
T056	381	1957	Community storage (misc.), paint locker	Assumed	NA	No closure action required
T056	382	1959	Sump house	Assumed	NA	No closure action required
T056	390	1944	Sump house	Assumed	NA	No closure action required
T056	443	1943	Sump house	Assumed	NA	No closure action required
T056	444	1943	Sump house	Assumed	NA	No closure action required
T056	480	1971	Public toilets	Assumed	NA	No closure action required
T057	455	1970	Auxiliary boiler plant	Assumed	NA	No closure action required
T057	UN7		Pump house	Assumed	NA	No closure action required
T057	UN8		Storage shed	Assumed	NA	No closure action required
T058	103	1942	Fuel oil tank	Assumed	NA	No closure action required
T059	96	1944	General warehouse, reserve training, printing plant, brig, storage	Assumed	NA	No closure action required
T059	99	1942	Administrative office, general warehouse, printing plant, dry cleaning, laundry, cobbler shop	Yes	NA	No closure action required
T060	260	1944	Warehouse, self-serve shopping mart offices	Assumed	NA	No closure action required
T062	261-A	1944	Bowling alley, vacant indoor swimming pool and skating rink	Assumed	NA	No closure action required
T062	261-B	1944	Bowling alley, vacant indoor swimming pool and skating rink	Assumed	NA	No closure action required
T063	401	1961	Theater	Assumed	NA	No closure action required

TABLE 6-17: SUMMARY OF LEAD-BASED PAINT IN NON-RESIDENTIAL BUILDINGS (Continued)

Final, Supplemental Environmental Baseline Survey, Naval Station Treasure Island

EBS Parcel	Building	Year Built	BuildingUse	LBP Present	Document Addressing LBP	Status at Time of this SEBS
T064	UN18		Open space, part of former baseball field	Assumed	NA	No closure action required
T065	397	1950	Tennis courts	Assumed	NA	No closure action required
T066	342	1951	Hydraulic training school, laboratories, instrument repair, applied instruction; According to historical study, also used for NTTC radiation instruction	Assumed	NA	No closure action required
T066	344	1951	Storage vault, applied instruction, radium vault, NTTC radiation instruction	Assumed	NA	No closure action required
T067	343	1951	Laboratory, classrooms and offices, applied instruction. According to historical study, also used for radiation instruction.	Assumed	NA	No closure action required
T067	458	1939	Pyrotechnics magazine; According to the historical study, also used for paint storage	Assumed	NA	No closure action required
T069	69	1942	Admininstrative storage/public toilets (closed), engine and shipfitters shop, garage, storage	Assumed	NA	No closure action required
T071	215	1944	Administrative (lab/pharmacy, storage, hobby shop, chapel, exchange, radio repair shop, carpenter shop, arts/crafts, training, misc. material storage, youth center)	Assumed	NA	No closure action required
T072	216	1944	Assembly shed, vehicle storage	Assumed	NA	No closure action required

TABLE 6-17: SUMMARY OF LEAD-BASED PAINT IN NON-RESIDENTIAL BUILDINGS (Continued)

Final, Supplemental Environmental Baseline Survey, Naval Station Treasure Island

EBS Parcel	Building	Year Built	BuildingUse	LBP Present	Document Addressing LBP	Status at Time of this SEBS
T073	217	1944	Quarters, storage, administrative, family service center, Red Cross, applied instruction	Yes	--	No closure action required
T074	64	1942	Fuel receiving administrative office, dock master office	Assumed	NA	No closure action required
T074	330	1944	Navy exchange gas station, Lucky Bag (clothing dispensary), auto repair, grounds maintenance shop	Assumed	NA	No closure action required
T074	UN9		Gasoline pumping island	Assumed	NA	No closure action required
T074	UN10		Sewage lift station No. 107	Assumed	NA	No closure action required
T074	UN11		Service island	Assumed	NA	No closure action required
T076	4	1938	Diesel oil and gas storage tank	Assumed	NA	No closure action required
T077	671	1991	Carpenter shop for brig, jail	Assumed No	NA	No closure action required
T078	670	1991	Brig	Assumed No	NA	No closure action required
T080	377	1944	Sump house	Assumed	NA	No closure action required
T080	570	1988	Operational trainer facility	Assumed No	NA	No closure action required
T080	572	1988	Maintenance	Assumed No	NA	No closure action required
T082	497	1976	Weight/workout room	Assumed	NA	No closure action required
T083	402	1961	Gymnasium, weight room, locker room	Assumed	NA	No closure action required
T084	201	1944	Navy exchange store, MWR adventure shop, beauty salon, barber shop	Assumed	NA	No closure action required
T085	202	1944	Navy exchange coin laundry, credit union, ATM	Assumed	NA	No closure action required
T091	540	1986	Auxiliary boiler plant	Assumed No	NA	No closure action required

TABLE 6-17: SUMMARY OF LEAD-BASED PAINT IN NON-RESIDENTIAL BUILDINGS (Continued)

Final, Supplemental Environmental Baseline Survey, Naval Station Treasure Island

EBS Parcel	Building	Year Built	BuildingUse	LBP Present	Document Addressing LBP	Status at Time of this SEBS
T092	257	1944	Medical/dental clinic, childcare center, Red Cross, youth center, family services center (partially vacant); according to historical study a skeet range was at this site prior to construction	Assumed	NA	No closure action required
T094	502	1985	Childcare center	Assumed No	NA	No closure action required
T097	225	1944	Automotive hobby shop/garage (steam cleaning, degreasing); also used as gun shed according to historical study	Assumed	NA	No closure action required
T097	UN22		Spray paint booth associated with Building 225	Assumed	NA	No closure action required
T098	70	1942	Fire department gear locker	Assumed	NA	No closure action required
T098	157	1943	Fire Station No. 1; also used as Fire House No. 2 according to historical study	Assumed	NA	No closure action required
T099	374	1944	Sump house	Assumed	NA	No closure action required
T106	264	1944	Housing office, misc. storage, PWC shop, refrigerator storehouse	Assumed	NA	No closure action required
T106	680	1992	Sewage processing	Assumed No	NA	No closure action required
T107	292	1944	Storage shed; also used as a pest control shop according to historical study	Assumed	NA	No closure action required
T110	461	1970	Applied construction, training material storage (misc.)	Assumed	NA	No closure action required
T111	462	1970	Applied instruction, decontamination	Assumed	NA	No closure action required
T111	463	1970	Applied instruction, gas chamber	Assumed	NA	No closure action required

TABLE 6-17: SUMMARY OF LEAD-BASED PAINT IN NON-RESIDENTIAL BUILDINGS (Continued)

Final, Supplemental Environmental Baseline Survey, Naval Station Treasure Island

EBS Parcel	Building	Year Built	BuildingUse	LBP Present	Document Addressing LBP	Status at Time of this SEBS
T112	415	1961	Operation	Assumed	NA	No closure action required
T112	416	1961	Digester tank-wastewater treatment facility	Assumed	NA	No closure action required
T112	417	1961	Sedimentation tank-wastewater treatment facility	Assumed	NA	No closure action required
T112	465	1969	Trickling filter	Assumed	NA	No closure action required
T112	466	1969	Secondary sedimentation	Assumed	NA	No closure action required
T112	467	1969	Digester No. 2	Assumed	NA	No closure action required
T112	468	1969	Sludge dewatering structure	Assumed	NA	No closure action required
T112	550	1986	Auxiliary boiler plant	Assumed No	NA	No closure action required
T112	680	1992	Sewage processing	Assumed No	NA	No closure action required
T112	681	1990	Office and lab: listed in EBS text, not table. Listed as industrial waste treatment in SSPORT 8/1998.	Assumed No	NA	No closure action required
T112	UN12		Digester temperature control	Assumed	NA	No closure action required
T112	UN13		Packaged boiler	Assumed	NA	No closure action required
T113	62	1938	Warehouse and shop (pipe threading/cutting, radio/electric repair), film processing, west coast training aid, administrative, applied/academic instruction, auto maintenance, operational storage (misc.)	Yes	NA	No closure action required
T113	680	1992	Sewage processing	Assumed No	NA	No closure action required

TABLE 6-17: SUMMARY OF LEAD-BASED PAINT IN NON-RESIDENTIAL BUILDINGS (Continued)

Final, Supplemental Environmental Baseline Survey, Naval Station Treasure Island

EBS Parcel	Building	Year Built	BuildingUse	LBP Present	Document Addressing LBP	Status at Time of this SEBS
T114	335	1944	Bus paint shop, Lucky Bat storage (clothing dispensary), car washing, shops, reserve training, auto shop, PWC maintenance storage	Assumed	NA	No closure action required
T114	UN29		Chemical storage: listed in EBS text, not table	Assumed	NA	No closure action required
T115	445	1962	Auto organizational and maintenance shop, storage	Assumed	NA	No closure action required
T116	3	1938	Ship repair shop	Assumed	NA	No closure action required
T116	3A		Hazardous materials storage lockers: listed in EBS text, not table	Assumed	NA	No closure action required
T116	3B		Hazardous materials storage lockers: listed in EBS text, not table	Assumed	NA	No closure action required
T118	Pier 23	1945	Recreational pier	Assumed	NA	No closure action required
T119	Pier 1	1986	Berthing/general purpose pier	Assumed	PWC 1996a	NFA
T120	600	1990	Administrative offices, classrooms, restrooms	Assumed No	NA	No closure action required
T120	605	1990	Office, storage; also used as P-250 Pump Trainer Firefighting according to historical study	Assumed No	NA	No closure action required
T120	606	1990	Advanced shipboard fire training facility	Assumed No	NA	No closure action required
T120	608	1990	General shipboard fire training facility	Assumed No	NA	No closure action required
T120	609	1990	General shipboard fire training facility	Assumed No	NA	No closure action required
T120	610	1990	Fire training water accumulation tank	Assumed No	NA	No closure action required
T120	611	1990	Fire training water accumulation tank	Assumed No	NA	No closure action required
T120	612	1990	Aviation fire training facility	Assumed No	NA	No closure action required

TABLE 6-17: SUMMARY OF LEAD-BASED PAINT IN NON-RESIDENTIAL BUILDINGS (Continued)

Final, Supplemental Environmental Baseline Survey, Naval Station Treasure Island

EBS Parcel	Building	Year Built	BuildingUse	LBP Present	Document Addressing LBP	Status at Time of this SEBS
T120	613	1990	General shipboard fire training facility	Assumed No	NA	No closure action required
T120	614	1990	General shipboard gallery fire training facility	Assumed No	NA	No closure action required
T120	615	1990	Fire training water accumulation tank; also used as utility building according to historical study	Assumed No	NA	No closure action required
T120	616	1990	Fire training water accumulation tank; also used as aviation tower according to historical study	Assumed No	NA	No closure action required
T120	617	1990	P250 pump training facility/tower	Assumed No	NA	No closure action required
YB003	253	1945	Storage shed, tool shed	Yes	NA	No closure action required
YB003	253	1945	Storage shed, tool shed		NA	No closure action required
YB004	162T	1919	Water storage tank	Yes	NA	No closure action required
YB004	227	1938	Water reservoir	Assumed	NA	No closure action required
YB004	242T	1944	Water storage tank	Assumed	NA	No closure action required
YB004	243	1944	Pump house	Assumed	NA	No closure action required
YB004	276	1917	Laundry and "HW" building	Yes	NA	No closure action required
YB005	225	1938	Pump house	Assumed	NA	No closure action required
YB006	261	1948	Chlorination building	Assumed	NA	No closure action required
YB008	221	1943	Shelter, prisoners' workshop, garage	Yes	NA	No closure action required
YB012	274	1930	Fallout shelter, storage	Assumed	NA	No closure action required
YB014	107	1917	Standby generator building, signal tower	Assumed	NA	No closure action required
YB014	168T	1919	Water storage tank	Assumed	NA	No closure action required

TABLE 6-17: SUMMARY OF LEAD-BASED PAINT IN NON-RESIDENTIAL BUILDINGS (Continued)

Final, Supplemental Environmental Baseline Survey, Naval Station Treasure Island

EBS Parcel	Building	Year Built	BuildingUse	LBP Present	Document Addressing LBP	Status at Time of this SEBS
YB014	229	1944	RADIO school, laboratory, communication annex, mess open E4-6/NCO club, officer's club/USCG officer's club (vacant)	Assumed	NA	No closure action required
YB014	UN25		Paint storage	Assumed	NA	No closure action required
YB015	118	1922	Transformer house	Assumed	NA	No closure action required
YB019	57	1929	School, motel / temporary lodging (abandoned)	Assumed	NA	No closure action required
YB019	142	1916	Gardener's tool shed, storage	Assumed	NA	No closure action required
YB019	200	1918	Transformer house	Assumed	NA	No closure action required
YB019	205	1936	5-car garage	Assumed	NA	No closure action required
YB026	262	1891	Storage, shop, and mine warehouse	Assumed	NA	No closure action required

Notes:

-- Site has not been closed at time of this SEBS.
EBS Environmental baseline survey
HW Hazardous waste
LBP Lead-based paint
MWR Morale, Welfare, and Recreation
NA Not applicable
NCO Non-commissioned officer
NTTC Naval Technical Training Center
PWC Public Works Center
SEBS Supplemental environmental baseline survey
SSPORTS Supervisor of Shipbuilding, Conversion and Repair, Portsmouth, Virginia, Environmental Detachment, Vallejo
TBD To be determined
UN Building numbers prefixed by "UN" are previously unnumbered or have no known number.
USCG U.S. Coast Guard
USMCR U.S. Marine Corps Reserve

Reference:

PWC. 1996a. “Lead Management Plan.” San Francisco Bay. March 1.

TABLE 6-18: SUMMARY OF MONITORING AND REMEDIATION WELLS

Final, Supplemental Environmental Baseline Survey, Naval Station Treasure Island

EBS Parcel	Well ID	Well Type	Well Status	Reference Document for Installation	Reference Document for Destruction
T002	1A-MW1	MW	Destroyed	Unavailable	
T002	1A-MW2	MW	Destroyed	Unavailable	
T002	1A-MW3	MW	Inactive	Unavailable	
T002	1E-MW1	MW	Destroyed	Unavailable	Pending Letter Report
T002	1E-MW2	MW	Destroyed	Unavailable	
T002	1E-MW3	MW	Destroyed	Unavailable	
T005/T006	180-MW-01	MW	Active	Pending Closure Report	
T005/T006	180-MW-02	MW	Active	Pending Closure Report	
T005	180C-EW-01	RW	Inactive	Pending Closure Report and IT Corporation, 2002, "Final Supplemental Project Plans, Naval Station Treasure Island In Situ Remediation, Underground Storage Tank Site 180C, Treasure Island, San Francisco, California," January 18.	
T005	180C-EW-09	RW	Active	Pending Closure Report and IT Corporation, 2002, "Final Supplemental Project Plans, Naval Station Treasure Island In Situ Remediation, Underground Storage Tank Site 180C, Treasure Island, San Francisco, California," January 18.	
T005	180C-EW-10	RW	Active	Pending Closure Report and IT Corporation, 2002, "Final Supplemental Project Plans, Naval Station Treasure Island In Situ Remediation, Underground Storage Tank Site 180C, Treasure Island, San Francisco, California," January 18.	
T005	180C-MW3	MW	Active	Unavailable	
T005	180C-MW4	MW	Active	Unavailable	
T005	180C-NE-02	RW	Inactive	Pending Closure Report and IT Corporation, 2002, "Final Supplemental Project Plans, Naval Station Treasure Island In Situ Remediation, Underground Storage Tank Site 180C, Treasure Island, San Francisco, California," January 18.	
T005	180C-NE-03	RW	Inactive	Pending Closure Report and IT Corporation, 2002, "Final Supplemental Project Plans, Naval Station Treasure Island In Situ Remediation, Underground Storage Tank Site 180C, Treasure Island, San Francisco, California," January 18.	

TABLE 6-18: SUMMARY OF MONITORING AND REMEDIATION WELLS (Continued)

Final, Supplemental Environmental Baseline Survey, Naval Station Treasure Island

EBS Parcel	Well ID	Well Type	Well Status	Reference Document for Installation	Reference Document for Destruction
T005	180C-NE-04	RW	Inactive	Pending Closure Report and IT Corporation, 2002, "Final Supplemental Project Plans, Naval Station Treasure Island In Situ Remediation, Underground Storage Tank Site 180C, Treasure Island, San Francisco, California," January 18.	
T005	180C-NE-05	RW	Active	Pending Closure Report and IT Corporation, 2002, "Final Supplemental Project Plans, Naval Station Treasure Island In Situ Remediation, Underground Storage Tank Site 180C, Treasure Island, San Francisco, California," January 18.	
T005	180C-NE-06	RW	Active	Pending Closure Report and IT Corporation, 2002, "Final Supplemental Project Plans, Naval Station Treasure Island In Situ Remediation, Underground Storage Tank Site 180C, Treasure Island, San Francisco, California," January 18.	
T005	180C-NE-07	RW	Inactive	Pending Closure Report and IT Corporation, 2002, "Final Supplemental Project Plans, Naval Station Treasure Island In Situ Remediation, Underground Storage Tank Site 180C, Treasure Island, San Francisco, California," January 18.	
T005	180C-NS-02	RW	Inactive	Pending Closure Report and IT Corporation, 2002, "Final Supplemental Project Plans, Naval Station Treasure Island In Situ Remediation, Underground Storage Tank Site 180C, Treasure Island, San Francisco, California," January 18.	
T005	180C-NS-03	RW	Inactive	Pending Closure Report and IT Corporation, 2002, "Final Supplemental Project Plans, Naval Station Treasure Island In Situ Remediation, Underground Storage Tank Site 180C, Treasure Island, San Francisco, California," January 18.	
T005	180C-NS-04	RW	Inactive	Pending Closure Report and IT Corporation, 2002, "Final Supplemental Project Plans, Naval Station Treasure Island In Situ Remediation, Underground Storage Tank Site 180C, Treasure Island, San Francisco, California," January 18.	
T005	180C-NS-05	RW	Inactive	Pending Closure Report and IT Corporation, 2002, "Final Supplemental Project Plans, Naval Station Treasure Island In Situ Remediation, Underground Storage Tank Site 180C, Treasure Island, San Francisco, California," January 18.	

TABLE 6-18: SUMMARY OF MONITORING AND REMEDIATION WELLS (Continued)

Final, Supplemental Environmental Baseline Survey, Naval Station Treasure Island

EBS Parcel	Well ID	Well Type	Well Status	Reference Document for Installation	Reference Document for Destruction
T005	180C-NS-06	RW	Inactive	Pending Closure Report and IT Corporation, 2002, "Final Supplemental Project Plans, Naval Station Treasure Island In Situ Remediation, Underground Storage Tank Site 180C, Treasure Island, San Francisco, California," January 18.	
T005	180C-NS-07	RW	Inactive	Pending Closure Report and IT Corporation, 2002, "Final Supplemental Project Plans, Naval Station Treasure Island In Situ Remediation, Underground Storage Tank Site 180C, Treasure Island, San Francisco, California," January 18.	
T005	180C-SW-01	RW	Inactive	Pending Closure Report and IT Corporation, 2002, "Final Supplemental Project Plans, Naval Station Treasure Island In Situ Remediation, Underground Storage Tank Site 180C, Treasure Island, San Francisco, California," January 18.	
T006	143-MW1	MW	Destroyed	Unavailable	
T006	143-MW2	MW	Active	Unavailable	
T006	143-MW3	MW	Active	Unavailable	
T006	143-MW4	MW	Active	Unavailable	
T006	143-MW5	MW	Active	Unavailable	
T006	180C-MW1	MW	Active	Unavailable	
T006	180C-MW2	MW	Active	Unavailable	
T006	180C-NE-08	RW	Active	Pending Closure Report	
T006	180C-NS-08	RW	Inactive	Pending Closure Report	
T006	25-EW-01	RW	Active	IT Corporation, 2002, "Final Pilot Test Report, Site 25, Treasure Island, San Francisco, California," July 12.	
T006	25-EW-02	RW	Active	IT Corporation, 2002, "Final Pilot Test Report, Site 25, Treasure Island, San Francisco, California," July 12.	
T006	25-EW-03	RW	Active	IT Corporation, 2002, "Final Pilot Test Report, Site 25, Treasure Island, San Francisco, California," July 12.	
T006	25-EW-04	RW	Active	IT Corporation, 2002, "Final Pilot Test Report, Site 25, Treasure Island, San Francisco, California," July 12.	
T006	25-EW-05	RW	Active	IT Corporation, 2002, "Final Pilot Test Report, Site 25, Treasure Island, San Francisco, California," July 12.	

TABLE 6-18: SUMMARY OF MONITORING AND REMEDIATION WELLS (Continued)

Final, Supplemental Environmental Baseline Survey, Naval Station Treasure Island

EBS Parcel	Well ID	Well Type	Well Status	Reference Document for Installation	Reference Document for Destruction
T006	25-EW-06	RW	Active	IT Corporation, 2002, "Final Pilot Test Report, Site 25, Treasure Island, San Francisco, California," July 12.	
T006	25-EW-07	RW	Active	IT Corporation, 2002, "Final Pilot Test Report, Site 25, Treasure Island, San Francisco, California," July 12.	
T006	25-MW01	MW	Active	Unavailable	
T006	25-MW02	MW	Active	Unavailable	
T006	25-MW03	MW	Active	Unavailable	
T006	25-MW04	MW	Active	Unavailable	
T006	25-MW05	RW	Active	Shaw Environmental, Inc., 2005, "Final Groundwater Monitoring Report, May 2004 to October 2004, Groundwater Monitoring Program, Petroleum Remediation Program Sites, Naval Station Treasure Island, California."	
T006	25-NE-01	RW	Active	Shaw Environmental, Inc., 2003, "Final Post Construction Summary Report, Site 25 In-Situ Remediation, Naval Station Treasure Island, In Situ Remediation of Petroleum Sites, San Francisco, California," November 3.	
T006	25-NE-02	RW	Active	Shaw Environmental, Inc., 2003, "Final Post Construction Summary Report, Site 25 In-Situ Remediation, Naval Station Treasure Island, In Situ Remediation of Petroleum Sites, San Francisco, California," November 3.	
T006	25-NE-03	RW	Active	Shaw Environmental, Inc., 2003, "Final Post Construction Summary Report, Site 25 In-Situ Remediation, Naval Station Treasure Island, In Situ Remediation of Petroleum Sites, San Francisco, California," November 3.	
T006	25-NE-04	RW	Active	Shaw Environmental, Inc., 2003, "Final Post Construction Summary Report, Site 25 In-Situ Remediation, Naval Station Treasure Island, In Situ Remediation of Petroleum Sites, San Francisco, California," November 3.	
T006	25-NE-05	RW	Active	Shaw Environmental, Inc., 2003, "Final Post Construction Summary Report, Site 25 In-Situ Remediation, Naval Station Treasure Island, In Situ Remediation of Petroleum Sites, San Francisco, California," November 3.	

TABLE 6-18: SUMMARY OF MONITORING AND REMEDIATION WELLS (Continued)

Final, Supplemental Environmental Baseline Survey, Naval Station Treasure Island

EBS Parcel	Well ID	Well Type	Well Status	Reference Document for Installation	Reference Document for Destruction
T006	25-NE-06	RW	Active	Shaw Environmental, Inc., 2003, "Final Post Construction Summary Report, Site 25 In-Situ Remediation, Naval Station Treasure Island, In Situ Remediation of Petroleum Sites, San Francisco, California," November 3.	
T006	25-NE-07	RW	Active	Shaw Environmental, Inc., 2003, "Final Post Construction Summary Report, Site 25 In-Situ Remediation, Naval Station Treasure Island, In Situ Remediation of Petroleum Sites, San Francisco, California," November 3.	
T006	25-NE-08	RW	Active	Shaw Environmental, Inc., 2003, "Final Post Construction Summary Report, Site 25 In-Situ Remediation, Naval Station Treasure Island, In Situ Remediation of Petroleum Sites, San Francisco, California," November 3.	
T006	25-NS-01	RW	Active	Shaw Environmental, Inc., 2003, "Final Post Construction Summary Report, Site 25 In-Situ Remediation, Naval Station Treasure Island, In Situ Remediation of Petroleum Sites, San Francisco, California," November 3.	
T006	25-NS-02	RW	Active	Shaw Environmental, Inc., 2003, "Final Post Construction Summary Report, Site 25 In-Situ Remediation, Naval Station Treasure Island, In Situ Remediation of Petroleum Sites, San Francisco, California," November 3.	
T006	25-NS-03	RW	Active	Shaw Environmental, Inc., 2003, "Final Post Construction Summary Report, Site 25 In-Situ Remediation, Naval Station Treasure Island, In Situ Remediation of Petroleum Sites, San Francisco, California," November 3.	
T006	25-NS-04	RW	Active	Shaw Environmental, Inc., 2003, "Final Post Construction Summary Report, Site 25 In-Situ Remediation, Naval Station Treasure Island, In Situ Remediation of Petroleum Sites, San Francisco, California," November 3.	
T006	25-NS-05	RW	Active	Shaw Environmental, Inc., 2003, "Final Post Construction Summary Report, Site 25 In-Situ Remediation, Naval Station Treasure Island, In Situ Remediation of Petroleum Sites, San Francisco, California," November 3.	

TABLE 6-18: SUMMARY OF MONITORING AND REMEDIATION WELLS (Continued)

Final, Supplemental Environmental Baseline Survey, Naval Station Treasure Island

EBS Parcel	Well ID	Well Type	Well Status	Reference Document for Installation	Reference Document for Destruction
T006	25-NS-06	RW	Active	Shaw Environmental, Inc., 2003, "Final Post Construction Summary Report, Site 25 In-Situ Remediation, Naval Station Treasure Island, In Situ Remediation of Petroleum Sites, San Francisco, California," November 3.	
T006	25-NS-07	RW	Active	Shaw Environmental, Inc., 2003, "Final Post Construction Summary Report, Site 25 In-Situ Remediation, Naval Station Treasure Island, In Situ Remediation of Petroleum Sites, San Francisco, California," November 3.	
T006	25-NS-08	RW	Active	Shaw Environmental, Inc., 2003, "Final Post Construction Summary Report, Site 25 In-Situ Remediation, Naval Station Treasure Island, In Situ Remediation of Petroleum Sites, San Francisco, California," November 3.	
T006	25-OW-01A	RW	Active	IT Corporation, 2002, "Final Pilot Test Report, Site 25, Treasure Island, San Francisco, California," July 12.	
T006	25-OW-01B	RW	Active	IT Corporation, 2002, "Final Pilot Test Report, Site 25, Treasure Island, San Francisco, California," July 12.	
T006	25-OW-02A	RW	Active	IT Corporation, 2002, "Final Pilot Test Report, Site 25, Treasure Island, San Francisco, California," July 12.	
T006	25-OW-02B	RW	Active	IT Corporation, 2002, "Final Pilot Test Report, Site 25, Treasure Island, San Francisco, California," July 12.	
T006	25-OW-03A	RW	Active	IT Corporation, 2002, "Final Pilot Test Report, Site 25, Treasure Island, San Francisco, California," July 12.	
T006	25-OW-03B	RW	Active	IT Corporation, 2002, "Final Pilot Test Report, Site 25, Treasure Island, San Francisco, California," July 12.	
T006	25-OW-04A	RW	Active	IT Corporation, 2002, "Final Pilot Test Report, Site 25, Treasure Island, San Francisco, California," July 12.	
T006	25-OW-04B	RW	Active	IT Corporation, 2002, "Final Pilot Test Report, Site 25, Treasure Island, San Francisco, California," July 12.	
T006	25-SW-01	RW	Active	IT Corporation, 2002, "Final Pilot Test Report, Site 25, Treasure Island, San Francisco, California," July 12.	
T006	25-SW-02	RW	Active	IT Corporation, 2002, "Final Pilot Test Report, Site 25, Treasure Island, San Francisco, California," July 12.	

TABLE 6-18: SUMMARY OF MONITORING AND REMEDIATION WELLS (Continued)

Final, Supplemental Environmental Baseline Survey, Naval Station Treasure Island

EBS Parcel	Well ID	Well Type	Well Status	Reference Document for Installation	Reference Document for Destruction
T006	25-SW-03	RW	Active	IT Corporation, 2002, "Final Pilot Test Report, Site 25, Treasure Island, San Francisco, California," July 12.	
T006	25-SW-04	RW	Active	IT Corporation, 2002, "Final Pilot Test Report, Site 25, Treasure Island, San Francisco, California," July 12.	
T006	25-SW-05	RW	Active	Shaw Environmental, Inc., 2003, "Final Post Construction Summary Report, Site 25 In-Situ Remediation, Naval Station Treasure Island, In Situ Remediation of Petroleum Sites, San Francisco, California," November 3.	
T006	25-SW-06	RW	Active	Shaw Environmental, Inc., 2003, "Final Post Construction Summary Report, Site 25 In-Situ Remediation, Naval Station Treasure Island, In Situ Remediation of Petroleum Sites, San Francisco, California," November 3.	
T006	25-SW-07	RW	Active	Shaw Environmental, Inc., 2003, "Final Post Construction Summary Report, Site 25 In-Situ Remediation, Naval Station Treasure Island, In Situ Remediation of Petroleum Sites, San Francisco, California," November 3.	
T006	25-SW-08	RW	Active	Shaw Environmental, Inc., 2003, "Final Post Construction Summary Report, Site 25 In-Situ Remediation, Naval Station Treasure Island, In Situ Remediation of Petroleum Sites, San Francisco, California," November 3.	
T006	25-SW-09	RW	Active	Shaw Environmental, Inc., 2003, "Final Post Construction Summary Report, Site 25 In-Situ Remediation, Naval Station Treasure Island, In Situ Remediation of Petroleum Sites, San Francisco, California," November 3.	
T006	25-SW-10	RW	Active	Shaw Environmental, Inc., 2003, "Final Post Construction Summary Report, Site 25 In-Situ Remediation, Naval Station Treasure Island, In Situ Remediation of Petroleum Sites, San Francisco, California," November 3.	
T006	25-SW-11	RW	Active	Shaw Environmental, Inc., 2003, "Final Post Construction Summary Report, Site 25 In-Situ Remediation, Naval Station Treasure Island, In Situ Remediation of Petroleum Sites, San Francisco, California," November 3.	

TABLE 6-18: SUMMARY OF MONITORING AND REMEDIATION WELLS (Continued)

Final, Supplemental Environmental Baseline Survey, Naval Station Treasure Island

EBS Parcel	Well ID	Well Type	Well Status	Reference Document for Installation	Reference Document for Destruction
T006	25-SW-12	RW	Active	Shaw Environmental, Inc., 2003, "Final Post Construction Summary Report, Site 25 In-Situ Remediation, Naval Station Treasure Island, In Situ Remediation of Petroleum Sites, San Francisco, California," November 3.	
T006	25-SW-13	RW	Active	Shaw Environmental, Inc., 2003, "Final Post Construction Summary Report, Site 25 In-Situ Remediation, Naval Station Treasure Island, In Situ Remediation of Petroleum Sites, San Francisco, California," November 3.	
T006	25-SW-14	RW	Active	Shaw Environmental, Inc., 2003, "Final Post Construction Summary Report, Site 25 In-Situ Remediation, Naval Station Treasure Island, In Situ Remediation of Petroleum Sites, San Francisco, California," November 3.	
T006	25-SW-15	RW	Active	Shaw Environmental, Inc., 2003, "Final Post Construction Summary Report, Site 25 In-Situ Remediation, Naval Station Treasure Island, In Situ Remediation of Petroleum Sites, San Francisco, California," November 3.	
T006	25-SW-16	RW	Active	Shaw Environmental, Inc., 2003, "Final Post Construction Summary Report, Site 25 In-Situ Remediation, Naval Station Treasure Island, In Situ Remediation of Petroleum Sites, San Francisco, California," November 3.	
T006	25-SW-17	RW	Active	Shaw Environmental, Inc., 2003, "Final Post Construction Summary Report, Site 25 In-Situ Remediation, Naval Station Treasure Island, In Situ Remediation of Petroleum Sites, San Francisco, California," November 3.	
T006	25-SW-18	RW	Active	Shaw Environmental, Inc., 2003, "Final Post Construction Summary Report, Site 25 In-Situ Remediation, Naval Station Treasure Island, In Situ Remediation of Petroleum Sites, San Francisco, California," November 3.	
T006	25-SW-19	RW	Active	Shaw Environmental, Inc., 2003, "Final Post Construction Summary Report, Site 25 In-Situ Remediation, Naval Station Treasure Island, In Situ Remediation of Petroleum Sites, San Francisco, California," November 3.	

TABLE 6-18: SUMMARY OF MONITORING AND REMEDIATION WELLS (Continued)

Final, Supplemental Environmental Baseline Survey, Naval Station Treasure Island

EBS Parcel	Well ID	Well Type	Well Status	Reference Document for Installation	Reference Document for Destruction
T006	25-SW-20	RW	Active	Shaw Environmental, Inc., 2003, "Final Post Construction Summary Report, Site 25 In-Situ Remediation, Naval Station Treasure Island, In Situ Remediation of Petroleum Sites, San Francisco, California," November 3.	
T006	25-SW-21	RW	Active	Shaw Environmental, Inc., 2003, "Final Post Construction Summary Report, Site 25 In-Situ Remediation, Naval Station Treasure Island, In Situ Remediation of Petroleum Sites, San Francisco, California," November 3.	
T006	25-SW-22	RW	Active	Shaw Environmental, Inc., 2003, "Final Post Construction Summary Report, Site 25 In-Situ Remediation, Naval Station Treasure Island, In Situ Remediation of Petroleum Sites, San Francisco, California," November 3.	
T006	25-SW-23	RW	Active	Shaw Environmental, Inc., 2003, "Final Post Construction Summary Report, Site 25 In-Situ Remediation, Naval Station Treasure Island, In Situ Remediation of Petroleum Sites, San Francisco, California," November 3.	
T007	09-MW01	MW	Active	Unavailable	
T007	09-MW02	MW	Active	Unavailable	
T007	09-MW03	MW	Active	Unavailable	
T007	09-MW04	MW	Active	Unavailable	
T007	09-MW05	MW	Active	Unavailable	
T007	09-MW06	MW	Active	Unavailable	
T007	09-MW07	MW	Active	Unavailable	
T008	21-MW01	MW	Active	Unavailable	
T008	21-MW01B	MW	Active	Unavailable	
T008	21-MW02A	MW	Active	Unavailable	
T008	21-MW02B	MW	Active	Unavailable	
T008	21-MW08A	MW	Active	Unavailable	
T008	21-MW08B	MW	Active	Unavailable	
T008	21-MW09A	MW	Active	Unavailable	
T008	21-MW09B	MW	Active	Unavailable	

TABLE 6-18: SUMMARY OF MONITORING AND REMEDIATION WELLS (Continued)

Final, Supplemental Environmental Baseline Survey, Naval Station Treasure Island

EBS Parcel	Well ID	Well Type	Well Status	Reference Document for Installation	Reference Document for Destruction
T008	21-MW11A	MW	Active	Unavailable	
T008	21-MW11B	MW	Active	Unavailable	
T008	21-MW12	MW	Active	Unavailable	
T008	21-MW14	MW	Active	Unavailable	
T009	21-MW03A	MW	Active	Unavailable	
T009	21-MW03B	MW	Active	Unavailable	
T009	21-MW04A	MW	Active	Unavailable	
T009	21-MW04B	MW	Active	Unavailable	
T009	21-MW05	MW	Active	Unavailable	
T009	21-MW06	MW	Active	Unavailable	
T009	21-MW07A1	MW	Active	Unavailable	
T009	21-MW07A2	MW	Active	Unavailable	
T009	21-MW07A3	MW	Active	Unavailable	
T009	21-MW10A	MW	Active	Unavailable	
T009	21-MW10B	MW	Active	Unavailable	
T009	21-MW13	MW	Active	Unavailable	
T009	21-MW15	MW	Active	Unavailable	
T010	15-EW-01	RW	Destroyed	(1) IT Corporation, 2001, "Final Project Plans, Pilot-Scale Remediation, Site 15, Treasure Island, San Francisco, California," July 18; and (2) Shaw Environmental, Inc., 2004, "Final Closure Report, Site 15, Request for No Further Action, Naval Station Treasure Island, San Francisco, California," September 15.	Pending Letter Report
T010	15-EW-02	RW	Destroyed	(1) IT Corporation, 2001, "Final Project Plans, Pilot-Scale Remediation, Site 15, Treasure Island, San Francisco, California," July 1; and (2) Shaw Environmental, Inc., 2004, "Final Closure Report, Site 15, Request for No Further Action, Naval Station Treasure Island, San Francisco, California," September 15.	Pending Letter Report

TABLE 6-18: SUMMARY OF MONITORING AND REMEDIATION WELLS (Continued)

Final, Supplemental Environmental Baseline Survey, Naval Station Treasure Island

EBS Parcel	Well ID	Well Type	Well Status	Reference Document for Installation	Reference Document for Destruction
T010	15-EW-03	RW	Destroyed	(1) IT Corporation, 2001, "Final Project Plans, Pilot-Scale Remediation, Site 15, Treasure Island, San Francisco, California," July 1; and (2) Shaw Environmental, Inc., 2004, "Final Closure Report, Site 15, Request for No Further Action, Naval Station Treasure Island, San Francisco, California," September 15.	Pending Letter Report
T010	15-EW-04	RW	Destroyed	(1) IT Corporation, 2001, "Final Project Plans, Pilot-Scale Remediation, Site 15, Treasure Island, San Francisco, California," July 1; and (2) Shaw Environmental, Inc., 2004, "Final Closure Report, Site 15, Request for No Further Action, Naval Station Treasure Island, San Francisco, California," September 15.	Pending Letter Report
T010	15-EW-05	RW	Destroyed	(1) IT Corporation, 2001, "Final Project Plans, Pilot-Scale Remediation, Site 15, Treasure Island, San Francisco, California," July 1; and (2) Shaw Environmental, Inc., 2004, "Final Closure Report, Site 15, Request for No Further Action, Naval Station Treasure Island, San Francisco, California," September 15.	Pending Letter Report
T010	15-EW-06	RW	Destroyed	(1) IT Corporation, 2001, "Final Project Plans, Pilot-Scale Remediation, Site 15, Treasure Island, San Francisco, California," July 1; and (2) Shaw Environmental, Inc., 2004, "Final Closure Report, Site 15, Request for No Further Action, Naval Station Treasure Island, San Francisco, California," September 15.	Pending Letter Report
T010	15-EW-07	RW	Destroyed	(1) IT Corporation, 2001, "Final Project Plans, Pilot-Scale Remediation, Site 15, Treasure Island, San Francisco, California," July 1; and (2) Shaw Environmental, Inc., 2004, "Final Closure Report, Site 15, Request for No Further Action, Naval Station Treasure Island, San Francisco, California," September 15.	Pending Letter Report
T010	15-MW01	MW	Destroyed	Unavailable	Pending Letter Report
T010	15-MW02	MW	Destroyed	Unavailable	Pending Letter Report
T010	15-MW04	MW	Destroyed	Unavailable	Pending Letter Report

TABLE 6-18: SUMMARY OF MONITORING AND REMEDIATION WELLS (Continued)

Final, Supplemental Environmental Baseline Survey, Naval Station Treasure Island

EBS Parcel	Well ID	Well Type	Well Status	Reference Document for Installation	Reference Document for Destruction
T010	15-MW05	MW	Destroyed	(1) IT Corporation, 2001, "Final Project Plans, Pilot-Scale Remediation, Site 15, Treasure Island, San Francisco, California," July 1; and (2) Shaw Environmental, Inc., 2004, "Final Closure Report, Site 15, Request for No Further Action, Naval Station Treasure Island, San Francisco, California," September 15.	Pending Letter Report
T010	15-OW-01A	RW	Destroyed	(1) IT Corporation, 2001, "Final Project Plans, Pilot-Scale Remediation, Site 15, Treasure Island, San Francisco, California," July 1; and (2) Shaw Environmental, Inc., 2004, "Final Closure Report, Site 15, Request for No Further Action, Naval Station Treasure Island, San Francisco, California," September 15.	Pending Letter Report
T010	15-OW-01B	RW	Destroyed	(1) IT Corporation, 2001, "Final Project Plans, Pilot-Scale Remediation, Site 15, Treasure Island, San Francisco, California," July 1; and (2) Shaw Environmental, Inc., 2004, "Final Closure Report, Site 15, Request for No Further Action, Naval Station Treasure Island, San Francisco, California," September 15.	Pending Letter Report
T010	15-OW-02A	RW	Destroyed	(1) IT Corporation, 2001, "Final Project Plans, Pilot-Scale Remediation, Site 15, Treasure Island, San Francisco, California," July 1; and (2) Shaw Environmental, Inc., 2004, "Final Closure Report, Site 15, Request for No Further Action, Naval Station Treasure Island, San Francisco, California," September 15.	Pending Letter Report
T010	15-OW-02B	RW	Destroyed	(1) IT Corporation, 2001, "Final Project Plans, Pilot-Scale Remediation, Site 15, Treasure Island, San Francisco, California," July 1; and (2) Shaw Environmental, Inc., 2004, "Final Closure Report, Site 15, Request for No Further Action, Naval Station Treasure Island, San Francisco, California," September 15.	Pending Letter Report

TABLE 6-18: SUMMARY OF MONITORING AND REMEDIATION WELLS (Continued)

Final, Supplemental Environmental Baseline Survey, Naval Station Treasure Island

EBS Parcel	Well ID	Well Type	Well Status	Reference Document for Installation	Reference Document for Destruction
T010	15-OW-03A	RW	Destroyed	(1) IT Corporation, 2001, "Final Project Plans, Pilot-Scale Remediation, Site 15, Treasure Island, San Francisco, California," July 1; and (2) Shaw Environmental, Inc., 2004, "Final Closure Report, Site 15, Request for No Further Action, Naval Station Treasure Island, San Francisco, California," September 15.	Pending Letter Report
T010	15-OW-03B	RW	Destroyed	(1) IT Corporation, 2001, "Final Project Plans, Pilot-Scale Remediation, Site 15, Treasure Island, San Francisco, California," July 1; and (2) Shaw Environmental, Inc., 2004, "Final Closure Report, Site 15, Request for No Further Action, Naval Station Treasure Island, San Francisco, California," September 15.	Pending Letter Report
T010	15-OW-04A	RW	Destroyed	(1) IT Corporation, 2001, "Final Project Plans, Pilot-Scale Remediation, Site 15, Treasure Island, San Francisco, California," July 1; and (2) Shaw Environmental, Inc., 2004, "Final Closure Report, Site 15, Request for No Further Action, Naval Station Treasure Island, San Francisco, California," September 15.	Pending Letter Report
T010	15-OW-04B	RW	Destroyed	(1) IT Corporation, 2001, "Final Project Plans, Pilot-Scale Remediation, Site 15, Treasure Island, San Francisco, California," July 1; and (2) Shaw Environmental, Inc., 2004, "Final Closure Report, Site 15, Request for No Further Action, Naval Station Treasure Island, San Francisco, California," September 15.	Pending Letter Report
T010	15-SW-01	RW	Destroyed	(1) IT Corporation, 2001, "Final Project Plans, Pilot-Scale Remediation, Site 15, Treasure Island, San Francisco, California," July 1; and (2) Shaw Environmental, Inc., 2004, "Final Closure Report, Site 15, Request for No Further Action, Naval Station Treasure Island, San Francisco, California," September 15.	Pending Letter Report

TABLE 6-18: SUMMARY OF MONITORING AND REMEDIATION WELLS (Continued)

Final, Supplemental Environmental Baseline Survey, Naval Station Treasure Island

EBS Parcel	Well ID	Well Type	Well Status	Reference Document for Installation	Reference Document for Destruction
T010	15-SW-02	RW	Destroyed	(1) IT Corporation, 2001, "Final Project Plans, Pilot-Scale Remediation, Site 15, Treasure Island, San Francisco, California," July 1; and (2) Shaw Environmental, Inc., 2004, "Final Closure Report, Site 15, Request for No Further Action, Naval Station Treasure Island, San Francisco, California," September 15.	Pending Letter Report
T010	15-SW-03	RW	Destroyed	(1) IT Corporation, 2001, "Final Project Plans, Pilot-Scale Remediation, Site 15, Treasure Island, San Francisco, California," July 1; and (2) Shaw Environmental, Inc., 2004, "Final Closure Report, Site 15, Request for No Further Action, Naval Station Treasure Island, San Francisco, California," September 15.	Pending Letter Report
T010	15-SW-04	RW	Destroyed	(1) IT Corporation, 2001, "Final Project Plans, Pilot-Scale Remediation, Site 15, Treasure Island, San Francisco, California," July 1; and (2) Shaw Environmental, Inc., 2004, "Final Closure Report, Site 15, Request for No Further Action, Naval Station Treasure Island, San Francisco, California," September 15.	Pending Letter Report
T010	D1B-EW-01	RW	Destroyed	IT Corporation, 2001, "Final Pilot Test Report, Site D1B (3rd Street), Treasure Island, San Francisco, California," September 6.	Shaw Environmental, Inc., 2003, "Final Post Construction Summary Report, Site D1B Remedial Excavation, Naval Station Treasure Island, Petroleum Remedial Excavation Program, Treasure Island, San Francisco, California," December 2.

TABLE 6-18: SUMMARY OF MONITORING AND REMEDIATION WELLS (Continued)

Final, Supplemental Environmental Baseline Survey, Naval Station Treasure Island

EBS Parcel	Well ID	Well Type	Well Status	Reference Document for Installation	Reference Document for Destruction
T010	D1B-EW-02	RW	Destroyed	IT Corporation, 2001, "Final Pilot Test Report, Site D1B (3rd Street), Treasure Island, San Francisco, California," September 6.	Shaw Environmental, Inc., 2003, "Final Post Construction Summary Report, Site D1B Remedial Excavation, Naval Station Treasure Island, Petroleum Remedial Excavation Program, Treasure Island, San Francisco, California," December 2.
T010	D1B-EW-04	RW	Active	IT Corporation, 2001, "Final Pilot Test Report, Site D1B (3rd Street), Treasure Island, San Francisco, California," September 6.	
T010	D1B-EW-05	RW	Active	(1) IT Corporation, 2001, "Final Addendum to Dual Vacuum Extraction Pilot Test Work Plans, Areas D1B, F2A, and F2B Sites, Naval Station Treasure Island, San Francisco, California," November 1; and (2) IT. 2002. "Final Supplemental Project Plans, Site D1B Remedial Excavation, Naval Station Treasure Island, San Francisco, California," December 12.	
T010	D1B-EW-06	RW	Active	(1) IT Corporation, 2001, "Final Addendum to Dual Vacuum Extraction Pilot Test Work Plans, Areas D1B, F2A, and F2B Sites, Naval Station Treasure Island, San Francisco, California," November 1; and (2) IT. 2002. "Final Supplemental Project Plans, Site D1B Remedial Excavation, Naval Station Treasure Island, San Francisco, California," December 12.	

TABLE 6-18: SUMMARY OF MONITORING AND REMEDIATION WELLS (Continued)

Final, Supplemental Environmental Baseline Survey, Naval Station Treasure Island

EBS Parcel	Well ID	Well Type	Well Status	Reference Document for Installation	Reference Document for Destruction
T010	D1B-EW-07	RW	Destroyed	(1) IT Corporation, 2001, "Final Addendum to Dual Vacuum Extraction Pilot Test Work Plans, Areas D1B, F2A, and F2B Sites, Naval Station Treasure Island, San Francisco, California," November 1; and (2) IT. 2002. "Final Supplemental Project Plans, Site D1B Remedial Excavation, Naval Station Treasure Island, San Francisco, California," December 12.	Shaw Environmental, Inc., 2003, "Final Post Construction Summary Report, Site D1B Remedial Excavation, Naval Station Treasure Island, Petroleum Remedial Excavation Program, Treasure Island, San Francisco, California," December 2.
T010	D1B-EW-08	RW	Destroyed	(1) IT Corporation, 2001, "Final Addendum to Dual Vacuum Extraction Pilot Test Work Plans, Areas D1B, F2A, and F2B Sites, Naval Station Treasure Island, San Francisco, California," November 1; and (2) IT. 2002. "Final Supplemental Project Plans, Site D1B Remedial Excavation, Naval Station Treasure Island, San Francisco, California," December 12.	Shaw Environmental, Inc., 2003, "Final Post Construction Summary Report, Site D1B Remedial Excavation, Naval Station Treasure Island, Petroleum Remedial Excavation Program, Treasure Island, San Francisco, California," December 2.
T010	D1B-EW-10	RW	Active	(1) IT Corporation, 2001, "Final Addendum to Dual Vacuum Extraction Pilot Test Work Plans, Areas D1B, F2A, and F2B Sites, Naval Station Treasure Island, San Francisco, California," November 1; and (2) IT. 2002. "Final Supplemental Project Plans, Site D1B Remedial Excavation, Naval Station Treasure Island, San Francisco, California," December 12.	
T010	D1B-EW-11	RW	Active	Shaw Environmental, Inc. 2003. "Final Post Construction Summary Report, Site D1B Remedial Excavation, Naval Station Treasure Island, Petroleum Remedial Excavation Program, Treasure Island, San Francisco, California," December 2.	

TABLE 6-18: SUMMARY OF MONITORING AND REMEDIATION WELLS (Continued)

Final, Supplemental Environmental Baseline Survey, Naval Station Treasure Island

EBS Parcel	Well ID	Well Type	Well Status	Reference Document for Installation	Reference Document for Destruction
T010	D1B-IW-01	RW	Destroyed	IT Corporation, 2001, "Final Pilot Test Report, Site D1B (3rd Street), Treasure Island, San Francisco, California," September 6.	Shaw Environmental, Inc., 2003, "Final Post Construction Summary Report, Site D1B Remedial Excavation, Naval Station Treasure Island, Petroleum Remedial Excavation Program, Treasure Island, San Francisco, California," December 2.
T010	D1B-OW-01A	RW	Destroyed	IT Corporation, 2001, "Final Pilot Test Report, Site D1B (3rd Street), Treasure Island, San Francisco, California," September 6.	Shaw Environmental, Inc., 2003, "Final Post Construction Summary Report, Site D1B Remedial Excavation, Naval Station Treasure Island, Petroleum Remedial Excavation Program, Treasure Island, San Francisco, California," December 2.
T010	D1B-OW-01B	RW	Destroyed	IT Corporation, 2001, "Final Pilot Test Report, Site D1B (3rd Street), Treasure Island, San Francisco, California," September 6.	Shaw Environmental, Inc., 2003, "Final Post Construction Summary Report, Site D1B Remedial Excavation, Naval Station Treasure Island, Petroleum Remedial Excavation Program, Treasure Island, San Francisco, California," December 2.

TABLE 6-18: SUMMARY OF MONITORING AND REMEDIATION WELLS (Continued)

Final, Supplemental Environmental Baseline Survey, Naval Station Treasure Island

EBS Parcel	Well ID	Well Type	Well Status	Reference Document for Installation	Reference Document for Destruction
T010	D1B-OW-01C	RW	Destroyed	IT Corporation, 2001, "Final Pilot Test Report, Site D1B (3rd Street), Treasure Island, San Francisco, California," September 6.	Shaw Environmental, Inc., 2003, "Final Post Construction Summary Report, Site D1B Remedial Excavation, Naval Station Treasure Island, Petroleum Remedial Excavation Program, Treasure Island, San Francisco, California," December 2.
T010	D1B-OW-01D	RW	Destroyed	IT Corporation, 2001, "Final Pilot Test Report, Site D1B (3rd Street), Treasure Island, San Francisco, California," September 6.	Shaw Environmental, Inc., 2003, "Final Post Construction Summary Report, Site D1B Remedial Excavation, Naval Station Treasure Island, Petroleum Remedial Excavation Program, Treasure Island, San Francisco, California," December 2.
T012	D1B-EW-03	RW	Active	IT Corporation, 2001, "Final Pilot Test Report, Site D1B (3rd Street), Treasure Island, San Francisco, California," September 6.	
T012	D1B-EW-09	RW	Destroyed	(1) IT Corporation, 2001, "Final Addendum to Dual Vacuum Extraction Pilot Test Work Plans, Areas D1B, F2A, and F2B Sites, Naval Station Treasure Island, San Francisco, California," November 1; and (2) IT. 2002. "Final Supplemental Project Plans, Site D1B Remedial Excavation, Naval Station Treasure Island, San Francisco, California," December 12.	Shaw Environmental, Inc., 2003, "Final Post Construction Summary Report, Site D1B Remedial Excavation, Naval Station Treasure Island, Petroleum Remedial Excavation Program, Treasure Island, San Francisco, California," December 2.
T014	24-MW02	MW	Destroyed	Unavailable	
T016	15-MW03	MW	Destroyed	Unavailable	Pending Letter Report
T031	227-MW1	MW	Destroyed	Unavailable	Pending Letter Report
T031	227-MW2	MW	Destroyed	Unavailable	Pending Letter Report

TABLE 6-18: SUMMARY OF MONITORING AND REMEDIATION WELLS (Continued)

Final, Supplemental Environmental Baseline Survey, Naval Station Treasure Island

EBS Parcel	Well ID	Well Type	Well Status	Reference Document for Installation	Reference Document for Destruction
T031	227-MW3	MW	Destroyed	Unavailable	Pending Letter Report
T031	227-MW4	MW	Destroyed	Unavailable	Shaw Environmental, Inc., 2003, "Final Post Construction Summary Report, Site 227 Remedial Excavation, Naval Station Treasure Island, Petroleum Remedial Excavation Program, Treasure Island, San Francisco, California," June 16.
T031	227-MW5	MW	Destroyed	Unavailable	Pending Letter Report
T031	227-MW6	MW	Destroyed	Shaw Environmental, Inc., 2003, "Final Post Construction Summary Report, Site 227 Remedial Excavation, Naval Station Treasure Island, Petroleum Remedial Excavation Program, Treasure Island, San Francisco, California," June 16.	Pending Letter Report
T031	227-MW7	MW	Destroyed	Shaw Environmental, Inc., 2003, "Final Post Construction Summary Report, Site 227 Remedial Excavation, Naval Station Treasure Island, Petroleum Remedial Excavation Program, Treasure Island, San Francisco, California," June 16.	Pending Letter Report
T038	368A-MW1	MW	Destroyed	Unavailable	
T038	368A-MW2	MW	Destroyed	Unavailable	
T038	368A-MW3	MW	Destroyed	Unavailable	
T038	368B-MW1	MW	Destroyed	Unavailable	Pending Letter Report
T038	368B-MW2	MW	Destroyed	Unavailable	Pending Letter Report
T038	368B-MW3	MW	Destroyed	Unavailable	Pending Letter Report
T038	368B-MW4	MW	Inactive	Unavailable	
T038	368B-MW5	MW	Destroyed	Unavailable	Pending Letter Report
T049	F2B-MW01	MW	Active	Unavailable	
T055	29-MW1	MW	Active	Unavailable	
T056	17-MW01	MW	Active	Unavailable	
T056	24-MW01	MW	Destroyed	Unavailable	

TABLE 6-18: SUMMARY OF MONITORING AND REMEDIATION WELLS (Continued)

Final, Supplemental Environmental Baseline Survey, Naval Station Treasure Island

EBS Parcel	Well ID	Well Type	Well Status	Reference Document for Installation	Reference Document for Destruction
T056	24-MW03	MW	Inactive	Unavailable	
T056	24-MW07A	MW	Active	Unavailable	
T056	24-MW07B	MW	Active	Unavailable	
T056	24-MW07C	MW	Active	Unavailable	
T056	24-MW09A1	MW	Inactive	Unavailable	
T056	24-MW09A2	MW	Inactive	Unavailable	
T056	24-MW09A3	MW	Inactive	Unavailable	
T056	24-MW10A1	MW	Inactive	Unavailable	
T056	24-MW10A2	MW	Inactive	Unavailable	
T056	24-MW10A3	MW	Inactive	Unavailable	
T056	24-MW11A1	MW	Inactive	Unavailable	
T056	24-MW11A2	MW	Inactive	Unavailable	
T056	24-MW11A3	MW	Inactive	Unavailable	
T056	F2A-EW-01	RW	Active	IT Corporation, 2002, "Final Pilot-Scale Remediation Test Report, Site F2A (5th Street), Treasure Island, San Francisco, California," May 13.	
T056	F2A-EW-02	RW	Destroyed	IT Corporation, 2002, "Final Pilot-Scale Remediation Test Report, Site F2A (5th Street), Treasure Island, San Francisco, California," May 13.	Pending Closure Report
T056	F2A-EW-03	RW	Destroyed	IT Corporation, 2002, "Final Pilot-Scale Remediation Test Report, Site F2A (5th Street), Treasure Island, San Francisco, California," May 13.	Pending Closure Report
T056	F2A-EW-04	RW	Destroyed	IT Corporation, 2002, "Final Pilot-Scale Remediation Test Report, Site F2A (5th Street), Treasure Island, San Francisco, California," May 13.	Pending Closure Report
T056	F2A-EW-05	RW	Active	Pending Closure Report	
T056	F2A-IW-01	RW	Destroyed	IT Corporation, 2002, "Final Pilot-Scale Remediation Test Report, Site F2A (5th Street), Treasure Island, San Francisco, California," May 13.	Pending Closure Report

TABLE 6-18: SUMMARY OF MONITORING AND REMEDIATION WELLS (Continued)

Final, Supplemental Environmental Baseline Survey, Naval Station Treasure Island

EBS Parcel	Well ID	Well Type	Well Status	Reference Document for Installation	Reference Document for Destruction
T056	F2A-IW-02	RW	Destroyed	IT Corporation, 2002, "Final Pilot-Scale Remediation Test Report, Site F2A (5th Street), Treasure Island, San Francisco, California," May 13.	Pending Closure Report
T056	F2A-MW01	MW	Active	Unavailable	
T056	F2A-MW02	MW	Active	Unavailable	
T056	F2A-OW-01A	RW	Active	IT Corporation, 2002, "Final Pilot-Scale Remediation Test Report, Site F2A (5th Street), Treasure Island, San Francisco, California," May 13.	
T056	F2A-OW-01B	RW	Active	IT Corporation, 2002, "Final Pilot-Scale Remediation Test Report, Site F2A (5th Street), Treasure Island, San Francisco, California," May 13.	
T056	F2A-OW-01C	RW	Active	IT Corporation, 2002, "Final Pilot-Scale Remediation Test Report, Site F2A (5th Street), Treasure Island, San Francisco, California," May 13.	
T056	F2A-OW-01D	RW	Destroyed	IT Corporation, 2002, "Final Pilot-Scale Remediation Test Report, Site F2A (5th Street), Treasure Island, San Francisco, California," May 13.	Pending Closure Report
T056	F2A-OW-02A	RW	Destroyed	IT Corporation, 2002, "Final Pilot-Scale Remediation Test Report, Site F2A (5th Street), Treasure Island, San Francisco, California," May 13.	Pending Closure Report
T056	F2A-OW-02B	RW	Destroyed	IT Corporation, 2002, "Final Pilot-Scale Remediation Test Report, Site F2A (5th Street), Treasure Island, San Francisco, California," May 13.	Pending Closure Report
T056	F2A-OW-02C	RW	Destroyed	IT Corporation, 2002, "Final Pilot-Scale Remediation Test Report, Site F2A (5th Street), Treasure Island, San Francisco, California," May 13.	Pending Closure Report
T056	F2A-OW-02D	RW	Destroyed	IT Corporation, 2002, "Final Pilot-Scale Remediation Test Report, Site F2A (5th Street), Treasure Island, San Francisco, California," May 13.	Pending Closure Report
T059	24-EW1	RW	Active	Shaw, 2005, “Draft Treatability Report, In-Situ Anaerobic Bioremediation Pilot Study, Site 24, Building 99, Treasure Island, San Francisco, California,” January 6.	

TABLE 6-18: SUMMARY OF MONITORING AND REMEDIATION WELLS (Continued)

Final, Supplemental Environmental Baseline Survey, Naval Station Treasure Island

EBS Parcel	Well ID	Well Type	Well Status	Reference Document for Installation	Reference Document for Destruction
T059	24-EW2	RW	Active	Shaw, 2005, "Draft Treatability Report, In-Situ Anaerobic Bioremediation Pilot Study, Site 24, Building 99, Treasure Island, San Francisco, California," January 6.	
T059	24-EW3	RW	Active	Shaw, 2005, "Draft Treatability Report, In-Situ Anaerobic Bioremediation Pilot Study, Site 24, Building 99, Treasure Island, San Francisco, California," January 6.	
T059	24-IW1	RW	Active	Shaw, 2005, "Draft Treatability Report, In-Situ Anaerobic Bioremediation Pilot Study, Site 24, Building 99, Treasure Island, San Francisco, California," January 6.	
T059	24-IW2	RW	Active	Shaw, 2005, "Draft Treatability Report, In-Situ Anaerobic Bioremediation Pilot Study, Site 24, Building 99, Treasure Island, San Francisco, California," January 6.	
T059	24-IW3	RW	Active	Shaw, 2005, "Draft Treatability Report, In-Situ Anaerobic Bioremediation Pilot Study, Site 24, Building 99, Treasure Island, San Francisco, California," January 6.	
T059	24-MW04	MW	Active	Unavailable	
T059	24-MW06A	MW	Active	Unavailable	
T059	24-MW06B	MW	Active	Unavailable	
T059	24-MW06C	MW	Active	Unavailable	
T059	24-MW08A	MW	Active	Unavailable	
T059	24-MW08B	MW	Active	Unavailable	
T059	24-MW08C	MW	Active	Unavailable	
T059	24-MW1A-1	MW	Active	Shaw, 2005, "Draft Treatability Report, In-Situ Anaerobic Bioremediation Pilot Study, Site 24, Building 99, Treasure Island, San Francisco, California," January 6.	
T059	24-MW1A-2	MW	Active	Unavailable	
T059	24-MW1B-1	MW	Active	Shaw, 2005, "Draft Treatability Report, In-Situ Anaerobic Bioremediation Pilot Study, Site 24, Building 99, Treasure Island, San Francisco, California," January 6.	
T059	24-MW1B-2	MW	Active	Shaw, 2005, "Draft Treatability Report, In-Situ Anaerobic Bioremediation Pilot Study, Site 24, Building 99, Treasure Island, San Francisco, California," January 6.	

TABLE 6-18: SUMMARY OF MONITORING AND REMEDIATION WELLS (Continued)

Final, Supplemental Environmental Baseline Survey, Naval Station Treasure Island

EBS Parcel	Well ID	Well Type	Well Status	Reference Document for Installation	Reference Document for Destruction
T059	24-MW2A-1	MW	Active	Shaw, 2005, "Draft Treatability Report, In-Situ Anaerobic Bioremediation Pilot Study, Site 24, Building 99, Treasure Island, San Francisco, California," January 6.	
T059	24-MW2A-2	MW	Active	Shaw, 2005, "Draft Treatability Report, In-Situ Anaerobic Bioremediation Pilot Study, Site 24, Building 99, Treasure Island, San Francisco, California," January 6.	
T059	24-MW2B-1	MW	Active	Shaw, 2005, "Draft Treatability Report, In-Situ Anaerobic Bioremediation Pilot Study, Site 24, Building 99, Treasure Island, San Francisco, California," January 6.	
T059	24-MW2B-2	MW	Active	Unavailable	
T059	24-MW3A-1	MW	Active	Shaw, 2005, "Draft Treatability Report, In-Situ Anaerobic Bioremediation Pilot Study, Site 24, Building 99, Treasure Island, San Francisco, California," January 6.	
T059	24-MW3A-2	MW	Active	Shaw, 2005, "Draft Treatability Report, In-Situ Anaerobic Bioremediation Pilot Study, Site 24, Building 99, Treasure Island, San Francisco, California," January 6.	
T059	24-MW3B-1	MW	Active	Shaw, 2005, "Draft Treatability Report, In-Situ Anaerobic Bioremediation Pilot Study, Site 24, Building 99, Treasure Island, San Francisco, California," January 6.	
T059	24-MW3B-2	MW	Active	Shaw, 2005, "Draft Treatability Report, In-Situ Anaerobic Bioremediation Pilot Study, Site 24, Building 99, Treasure Island, San Francisco, California," January 6.	
T059	24-MWE	MW	Active	Unavailable	
T059	24-MWN	MW	Active	Unavailable	
T059	24-MWNE	MW	Active	Unavailable	
T059	24-MWS	MW	Active	Unavailable	
T059	24-MWW	MW	Active	Unavailable	
T059	29-MW2	MW	Destroyed	Unavailable	Pending Letter Report
T059	29-MW3	MW	Destroyed	Unavailable	Pending Letter Report
T060	D4B-MW01	MW	Active	Unavailable	
T065	24-MW05A	MW	Active	Unavailable	

TABLE 6-18: SUMMARY OF MONITORING AND REMEDIATION WELLS (Continued)

Final, Supplemental Environmental Baseline Survey, Naval Station Treasure Island

EBS Parcel	Well ID	Well Type	Well Status	Reference Document for Installation	Reference Document for Destruction
T065	24-MW05B	MW	Active	Unavailable	
T065	24-MW05C	MW	Active	Unavailable	
T067	04/19-MW01	MW	Active	Unavailable	
T067	04/19-MW02	MW	Active	Unavailable	
T067	04/19-MW03	MW	Inactive	Unavailable	
T073	22-MW05	MW	Active	Unavailable	
T074	14/22-EW-01	RW	Destroyed	IT Corporation, 2003, "Final Pilot Test Report, Site 14/22, Treasure Island, San Francisco, California," January 16.	Pending Closure Report
T074	14/22-EW-02	RW	Destroyed	IT Corporation, 2003, "Final Pilot Test Report, Site 14/22, Treasure Island, San Francisco, California," January 16.	Pending Closure Report
T074	14/22-EW-05	RW	Destroyed	IT Corporation, 2003, "Final Pilot Test Report, Site 14/22, Treasure Island, San Francisco, California," January 16.	Pending Closure Report
T074	14/22-EW-06	RW	Destroyed	IT Corporation, 2003, "Final Pilot Test Report, Site 14/22, Treasure Island, San Francisco, California," January 16.	Pending Closure Report
T074	14/22-NE-07	RW	Active	Shaw Environmental, Inc., 2003, "Final Post Construction Summary Report, Site 14/22 In Situ Remediation, Naval Station Treasure Island, In Situ Remediation of Petroleum Sites, San Francisco, California," September 24.	
T074	14/22-NE-08	RW	Active	Shaw Environmental, Inc., 2003, "Final Post Construction Summary Report, Site 14/22 In Situ Remediation, Naval Station Treasure Island, In Situ Remediation of Petroleum Sites, San Francisco, California," September 24.	
T074	14/22-NE-09	RW	Active	Shaw Environmental, Inc., 2003, "Final Post Construction Summary Report, Site 14/22 In Situ Remediation, Naval Station Treasure Island, In Situ Remediation of Petroleum Sites, San Francisco, California," September 24.	
T074	14/22-NE-10	RW	Active	Shaw Environmental, Inc., 2003, "Final Post Construction Summary Report, Site 14/22 In Situ Remediation, Naval Station Treasure Island, In Situ Remediation of Petroleum Sites, San Francisco, California," September 24.	

TABLE 6-18: SUMMARY OF MONITORING AND REMEDIATION WELLS (Continued)

Final, Supplemental Environmental Baseline Survey, Naval Station Treasure Island

EBS Parcel	Well ID	Well Type	Well Status	Reference Document for Installation	Reference Document for Destruction
T074	14/22-NE-11	RW	Destroyed	Shaw Environmental, Inc., 2003, "Final Post Construction Summary Report, Site 14/22 In Situ Remediation, Naval Station Treasure Island, In Situ Remediation of Petroleum Sites, San Francisco, California," September 24.	
T074	14/22-NS-07	RW	Active	Shaw Environmental, Inc., 2003, "Final Post Construction Summary Report, Site 14/22 In Situ Remediation, Naval Station Treasure Island, In Situ Remediation of Petroleum Sites, San Francisco, California," September 24.	
T074	14/22-NS-08	RW	Active	Shaw Environmental, Inc., 2003, "Final Post Construction Summary Report, Site 14/22 In Situ Remediation, Naval Station Treasure Island, In Situ Remediation of Petroleum Sites, San Francisco, California," September 24.	
T074	14/22-NS-09	RW	Active	Shaw Environmental, Inc., 2003, "Final Post Construction Summary Report, Site 14/22 In Situ Remediation, Naval Station Treasure Island, In Situ Remediation of Petroleum Sites, San Francisco, California," September 24.	
T074	14/22-NS-10	RW	Active	Shaw Environmental, Inc., 2003, "Final Post Construction Summary Report, Site 14/22 In Situ Remediation, Naval Station Treasure Island, In Situ Remediation of Petroleum Sites, San Francisco, California," September 24.	
T074	14/22-NS-11	RW	Destroyed	Shaw Environmental, Inc., 2003, "Final Post Construction Summary Report, Site 14/22 In Situ Remediation, Naval Station Treasure Island, In Situ Remediation of Petroleum Sites, San Francisco, California," September 24.	
T074	14/22-SW-01	RW	Destroyed	IT Corporation, 2003, "Final Pilot Test Report, Site 14/22, Treasure Island, San Francisco, California," January 16.	Pending Closure Report
T074	14/22-SW-02	RW	Destroyed	IT Corporation, 2003, "Final Pilot Test Report, Site 14/22, Treasure Island, San Francisco, California," January 16.	Pending Closure Report
T074	22-MW01	MW	Destroyed	Unavailable	
T074	22-MW02	MW	Active	Unavailable	
T074	22-MW03	MW	Active	Unavailable	
T074	22-MW04	MW	Active	Unavailable	

TABLE 6-18: SUMMARY OF MONITORING AND REMEDIATION WELLS (Continued)

Final, Supplemental Environmental Baseline Survey, Naval Station Treasure Island

EBS Parcel	Well ID	Well Type	Well Status	Reference Document for Installation	Reference Document for Destruction
T074	22-MW06	MW	Destroyed	Unavailable	Pending Closure Report
T074	22-MW07	MW	Destroyed	Unavailable	Pending Closure Report
T074	22-MW08	RW	Active	Shaw Environmental, Inc., 2005, "Final Groundwater Monitoring Report, May 2004 to October 2004, Groundwater Monitoring Program, Petroleum Remediation Program Sites, Naval Station Treasure Island, California."	
T074	22-MW09	RW	Active	Shaw Environmental, Inc., 2005, "Final Groundwater Monitoring Report, May 2004 to October 2004, Groundwater Monitoring Program, Petroleum Remediation Program Sites, Naval Station Treasure Island, California."	
T076	14/22-EW-03	RW	Destroyed	IT Corporation, 2003, "Final Pilot Test Report, Site 14/22, Treasure Island, San Francisco, California," January 16.	Pending Closure Report
T076	14/22-EW-04	RW	Destroyed	IT Corporation, 2003, "Final Pilot Test Report, Site 14/22, Treasure Island, San Francisco, California," January 16.	Pending Closure Report
T076	14/22-EW-07	RW	Destroyed	IT Corporation, 2003, "Final Pilot Test Report, Site 14/22, Treasure Island, San Francisco, California," January 16.	Pending Closure Report
T076	14/22-EW-08	RW	Destroyed	IT Corporation, 2003, "Final Pilot Test Report, Site 14/22, Treasure Island, San Francisco, California," January 16.	Pending Closure Report
T076	14/22-NE-01	RW	Active	Shaw Environmental, Inc., 2003, "Final Post Construction Summary Report, Site 14/22 In Situ Remediation, Naval Station Treasure Island, In Situ Remediation of Petroleum Sites, San Francisco, California," September 24.	
T076	14/22-NE-02	RW	Destroyed	Shaw Environmental, Inc., 2003, "Final Post Construction Summary Report, Site 14/22 In Situ Remediation, Naval Station Treasure Island, In Situ Remediation of Petroleum Sites, San Francisco, California," September 24.	Pending Closure Report
T076	14/22-NE-03	RW	Destroyed	Shaw Environmental, Inc., 2003, "Final Post Construction Summary Report, Site 14/22 In Situ Remediation, Naval Station Treasure Island, In Situ Remediation of Petroleum Sites, San Francisco, California," September 24.	Pending Closure Report

TABLE 6-18: SUMMARY OF MONITORING AND REMEDIATION WELLS (Continued)

Final, Supplemental Environmental Baseline Survey, Naval Station Treasure Island

EBS Parcel	Well ID	Well Type	Well Status	Reference Document for Installation	Reference Document for Destruction
T076	14/22-NE-04	RW	Destroyed	Shaw Environmental, Inc., 2003, "Final Post Construction Summary Report, Site 14/22 In Situ Remediation, Naval Station Treasure Island, In Situ Remediation of Petroleum Sites, San Francisco, California," September 24.	Pending Closure Report
T076	14/22-NE-05	RW	Destroyed	Shaw Environmental, Inc., 2003, "Final Post Construction Summary Report, Site 14/22 In Situ Remediation, Naval Station Treasure Island, In Situ Remediation of Petroleum Sites, San Francisco, California," September 24.	Pending Closure Report
T076	14/22-NE-06	RW	Destroyed	Shaw Environmental, Inc., 2003, "Final Post Construction Summary Report, Site 14/22 In Situ Remediation, Naval Station Treasure Island, In Situ Remediation of Petroleum Sites, San Francisco, California," September 24.	Pending Closure Report
T076	14/22-NS-01	RW	Active	Shaw Environmental, Inc., 2003, "Final Post Construction Summary Report, Site 14/22 In Situ Remediation, Naval Station Treasure Island, In Situ Remediation of Petroleum Sites, San Francisco, California," September 24.	
T076	14/22-NS-02	RW	Destroyed	Shaw Environmental, Inc., 2003, "Final Post Construction Summary Report, Site 14/22 In Situ Remediation, Naval Station Treasure Island, In Situ Remediation of Petroleum Sites, San Francisco, California," September 24.	Pending Closure Report
T076	14/22-NS-03	RW	Destroyed	Shaw Environmental, Inc., 2003, "Final Post Construction Summary Report, Site 14/22 In Situ Remediation, Naval Station Treasure Island, In Situ Remediation of Petroleum Sites, San Francisco, California," September 24.	Pending Closure Report
T076	14/22-NS-04	RW	Destroyed	Shaw Environmental, Inc., 2003, "Final Post Construction Summary Report, Site 14/22 In Situ Remediation, Naval Station Treasure Island, In Situ Remediation of Petroleum Sites, San Francisco, California," September 24.	Pending Closure Report
T076	14/22-NS-05	RW	Destroyed	Shaw Environmental, Inc., 2003, "Final Post Construction Summary Report, Site 14/22 In Situ Remediation, Naval Station Treasure Island, In Situ Remediation of Petroleum Sites, San Francisco, California," September 24.	Pending Closure Report

TABLE 6-18: SUMMARY OF MONITORING AND REMEDIATION WELLS (Continued)

Final, Supplemental Environmental Baseline Survey, Naval Station Treasure Island

EBS Parcel	Well ID	Well Type	Well Status	Reference Document for Installation	Reference Document for Destruction
T076	14/22-NS-06	RW	Destroyed	Shaw Environmental, Inc., 2003, "Final Post Construction Summary Report, Site 14/22 In Situ Remediation, Naval Station Treasure Island, In Situ Remediation of Petroleum Sites, San Francisco, California," September 24.	Pending Closure Report
T076	14/22-OW-01A	RW	Destroyed	IT Corporation, 2003, "Final Pilot Test Report, Site 14/22, Treasure Island, San Francisco, California," January 16.	Pending Closure Report
T076	14/22-OW-01B	RW	Destroyed	IT Corporation, 2003, "Final Pilot Test Report, Site 14/22, Treasure Island, San Francisco, California," January 16.	Pending Closure Report
T076	14/22-OW-02A	RW	Destroyed	IT Corporation, 2003, "Final Pilot Test Report, Site 14/22, Treasure Island, San Francisco, California," January 16.	Pending Closure Report
T076	14/22-OW-02B	RW	Destroyed	IT Corporation, 2003, "Final Pilot Test Report, Site 14/22, Treasure Island, San Francisco, California," January 16.	Pending Closure Report
T076	14/22-OW-03A	RW	Destroyed	IT Corporation, 2003, "Final Pilot Test Report, Site 14/22, Treasure Island, San Francisco, California," January 16.	Pending Closure Report
T076	14/22-OW-03B	RW	Destroyed	IT Corporation, 2003, "Final Pilot Test Report, Site 14/22, Treasure Island, San Francisco, California," January 16.	Pending Closure Report
T076	14/22-OW-04A	RW	Destroyed	IT Corporation, 2003, "Final Pilot Test Report, Site 14/22, Treasure Island, San Francisco, California," January 16.	Pending Closure Report
T076	14/22-OW-04B	RW	Destroyed	IT Corporation, 2003, "Final Pilot Test Report, Site 14/22, Treasure Island, San Francisco, California," January 16.	Pending Closure Report
T076	14/22-SW-03	RW	Destroyed	IT Corporation, 2003, "Final Pilot Test Report, Site 14/22, Treasure Island, San Francisco, California," January 16.	Pending Closure Report
T076	14-CW01	MW	Destroyed	Unavailable	Pending Closure Report
T076	14-CW02	MW	Destroyed	Unavailable	Pending Closure Report
T076	14-CW03	MW	Destroyed	Unavailable	Pending Closure Report
T076	14-MW01	MW	Destroyed	Unavailable	Pending Closure Report
T076	14-MW02	MW	Destroyed	Unavailable	Pending Closure Report
T076	14-MW05	MW	Destroyed	Unavailable	Pending Closure Report

TABLE 6-18: SUMMARY OF MONITORING AND REMEDIATION WELLS (Continued)

Final, Supplemental Environmental Baseline Survey, Naval Station Treasure Island

EBS Parcel	Well ID	Well Type	Well Status	Reference Document for Installation	Reference Document for Destruction
T076	14-MW06	RW	Active	Shaw Environmental, Inc., 2005, "Final Groundwater Monitoring Report, May 2004 to October 2004, Groundwater Monitoring Program, Petroleum Remediation Program Sites, Naval Station Treasure Island, California."	
T076	14-MW07	MW	Active	Shaw Environmental, Inc., 2005, "Final Groundwater Monitoring Report, May 2004 to October 2004, Groundwater Monitoring Program, Petroleum Remediation Program Sites, Naval Station Treasure Island, California."	
T076	14-MW08	MW	Active	Shaw Environmental, Inc., 2005, "Final Groundwater Monitoring Report, May 2004 to October 2004, Groundwater Monitoring Program, Petroleum Remediation Program Sites, Naval Station Treasure Island, California."	
T077	14-MW04	MW	Active	Unavailable	
T084	201-MW1	MW	Destroyed	Unavailable	Pending Letter Report
T084	201-MW2	MW	Destroyed	Unavailable	Pending Letter Report
T084	201-MW3	MW	Destroyed	Unavailable	Pending Letter Report
T084	201-MW4	MW	Destroyed	Unavailable	Pending Letter Report
T084	201-MW5	MW	Destroyed	Unavailable	Pending Letter Report
T089	30/31MW01	MW	Destroyed	Unavailable	
T092	01-MW01	MW	Destroyed	Unavailable	Pending Letter Report
T094	30/31MW06	MW	Destroyed	Unavailable	
T094	30/31MW07	MW	Destroyed	Unavailable	
T094	30/31MW08	MW	Destroyed	Unavailable	
T095	30/31MW02	MW	Destroyed	Unavailable	
T095	30/31MW03	MW	Destroyed	Unavailable	
T095	30/31MW04	MW	Destroyed	Unavailable	
T095	30/31MW05	MW	Destroyed	Unavailable	
T097	20-MW01	MW	Destroyed	Unavailable	Pending Letter Report
T097	20-MW02	MW	Destroyed	Unavailable	
T097	20-MW03	MW	Destroyed	Unavailable	
T097	20-MW05	MW	Destroyed	Unavailable	Pending Letter Report

TABLE 6-18: SUMMARY OF MONITORING AND REMEDIATION WELLS (Continued)

Final, Supplemental Environmental Baseline Survey, Naval Station Treasure Island

EBS Parcel	Well ID	Well Type	Well Status	Reference Document for Installation	Reference Document for Destruction
T097	20-MW06	MW	Destroyed	IT Corporation, 2002, "Final Post Construction Summary Report Addendum, Site 20 Remedial Excavation, Petroleum Excavation Program, Treasure Island, San Francisco, California," September 23.	Pending Letter Report
T097	20-MW07	MW	Destroyed	IT Corporation, 2002, "Final Post Construction Summary Report Addendum, Site 20 Remedial Excavation, Petroleum Excavation Program, Treasure Island, San Francisco, California," September 23.	Pending Letter Report
T097	20-MW1BSK	MW	Destroyed	Unavailable	
T097	20-MW2BSK	MW	Destroyed	Unavailable	
T097	20-MW3BSK	MW	Destroyed	Unavailable	
T101	12-MW21	MW	Active	Unavailable	
T101	12-MW22	MW	Active	Unavailable	
T101	12-MW33	MW	Active	Unavailable	
T101	12-MW34	MW	Active	Unavailable	
T101	20-MW04	MW	Destroyed	Unavailable	Pending Letter Report
T102	12-MW05	MW	Active	Unavailable	
T102	12-MW06	MW	Inactive	Unavailable	
T102	12-MW07	MW	Active	Unavailable	
T102	12-MW08	MW	Active	Unavailable	
T102	12-MW20	MW	Active	Unavailable	
T102	12-MW23	MW	Active	Unavailable	
T102	12-MW24	MW	Active	Unavailable	
T102	12-MW25A1	MW	Inactive	Unavailable	
T102	12-MW25A2	MW	Inactive	Unavailable	
T102	12-MW25A3	MW	Inactive	Unavailable	
T102	12-MW26A1	MW	Inactive	Unavailable	
T102	12-MW26A2	MW	Inactive	Unavailable	
T102	12-MW26A3	MW	Inactive	Unavailable	
T102	12-MW27A1	MW	Inactive	Unavailable	

TABLE 6-18: SUMMARY OF MONITORING AND REMEDIATION WELLS (Continued)

Final, Supplemental Environmental Baseline Survey, Naval Station Treasure Island

EBS Parcel	Well ID	Well Type	Well Status	Reference Document for Installation	Reference Document for Destruction
T102	12-MW27A2	MW	Inactive	Unavailable	
T102	12-MW27A3	MW	Inactive	Unavailable	
T102	12-MW28	MW	Active	Unavailable	
T103	12-MW01	MW	Inactive	Unavailable	
T103	12-MW02	MW	Destroyed	Unavailable	
T103	12-MW03	MW	Inactive	Unavailable	
T103	12-MW04	MW	Inactive	Unavailable	
T103	12-MW09	MW	Inactive	Unavailable	
T103	12-MW10	MW	Destroyed	Unavailable	
T103	12-MW11	MW	Inactive	Unavailable	
T103	12-MW12	MW	Destroyed	Unavailable	
T103	12-MW13	MW	Inactive	Unavailable	
T103	12-MW14	MW	Active	Unavailable	
T103	12-MW15	MW	Active	Unavailable	
T103	12-MW16	MW	Active	Unavailable	
T103	12-MW17	MW	Active	Unavailable	
T103	12-MW18	MW	Inactive	Unavailable	
T103	12-MW19	MW	Active	Unavailable	
T103	12-MW29	MW	Active	Unavailable	
T103	12-MW30	MW	Active	Unavailable	
T103	12-MW31	MW	Active	Unavailable	
T103	12-MW32	MW	Inactive	Unavailable	
T107	06-MW20	MW	Destroyed	Unavailable	
T108	06-BSW	RW	Destroyed	Unavailable	
T108	06-BVW	RW	Destroyed	Unavailable	
T108	06-MP01B	RW	Destroyed	Unavailable	
T108	06-MP01C	RW	Destroyed	Unavailable	
T108	06-MP02C	RW	Destroyed	Unavailable	
T108	06-MP03B	RW	Destroyed	Unavailable	

TABLE 6-18: SUMMARY OF MONITORING AND REMEDIATION WELLS (Continued)

Final, Supplemental Environmental Baseline Survey, Naval Station Treasure Island

EBS Parcel	Well ID	Well Type	Well Status	Reference Document for Installation	Reference Document for Destruction
T108	06-MP04B	RW	Destroyed	Unavailable	
T108	06-MP05B	RW	Destroyed	Unavailable	
T108	06-MP07B	RW	Destroyed	Unavailable	
T108	06-MW01	MW	Active	Unavailable	
T108	06-MW02	MW	Active	Unavailable	
T108	06-MW03	MW	Active	Unavailable	
T108	06-MW04	MW	Destroyed	Unavailable	
T108	06-MW05	MW	Destroyed	Unavailable	
T108	06-MW06	MW	Destroyed	Unavailable	
T108	06-MW07	MW	Active	Unavailable	
T108	06-MW08	MW	Destroyed	Unavailable	
T108	06-MW09	MW	Destroyed	Unavailable	
T108	06-MW10	MW	Active	Unavailable	
T108	06-MW11	MW	Destroyed	Unavailable	
T108	06-MW12	MW	Destroyed	Unavailable	
T108	06-MW13	MW	Destroyed	Unavailable	
T108	06-MW14	MW	Active	Unavailable	
T108	06-MW21	MW	Active	Unavailable	
T108	06-MW22	MW	Active	Unavailable	
T108	06-MW23	MW	Active	Unavailable	
T108	06-RW3	RW	Destroyed	Unavailable	
T109	06-MW15	MW	Active	Unavailable	
T109	06-MW16	MW	Active	Unavailable	
T109	06-MW17	MW	Active	Unavailable	
T111	06-MW24	MW	Active	Unavailable	
T112	06-MW18	MW	Active	Unavailable	
T112	06-MW19	MW	Active	Unavailable	
T114	07/10-MW01	MW	Destroyed	Unavailable	
T114	10-MW02	MW	Active	Unavailable	

TABLE 6-18: SUMMARY OF MONITORING AND REMEDIATION WELLS (Continued)

Final, Supplemental Environmental Baseline Survey, Naval Station Treasure Island

EBS Parcel	Well ID	Well Type	Well Status	Reference Document for Installation	Reference Document for Destruction
T114	10-MW03	MW	Active	Unavailable	
T114	14-MW03	MW	Active	Unavailable	
USCG Property	270-MW2	MW	Active	Unavailable	
USCG Property	270-MW3	MW	Destroyed	Unavailable	
USCG Property	270-MW4	MW	Active	Unavailable	
USCG Property	270-MW5	MW	Active	Unavailable	
USCG Property	270-MW6	MW	Active	Unavailable	
USCG Property	USCG-EW-01	RW	Destroyed	Shaw Environmental, Inc., 2003, "Final Post Construction Summary Report, Site U.S. Coast Guard, Naval Station Treasure Island In Situ Remediation of Petroleum Sites, Yerba Buena Island, San Francisco, California," December 10.	
USCG Property	USCG-EW-02	RW	Active	Shaw Environmental, Inc., 2003, "Final Post Construction Summary Report, Site U.S. Coast Guard, Naval Station Treasure Island In Situ Remediation of Petroleum Sites, Yerba Buena Island, San Francisco, California," December 10.	
USCG Property	USCG-EW-03	RW	Active	Shaw Environmental, Inc., 2003, "Final Post Construction Summary Report, Site U.S. Coast Guard, Naval Station Treasure Island In Situ Remediation of Petroleum Sites, Yerba Buena Island, San Francisco, California," December 10.	
USCG Property	USCG-EW-04	RW	Abandoned	Shaw Environmental, Inc., 2003, "Final Post Construction Summary Report, Site U.S. Coast Guard, Naval Station Treasure Island In Situ Remediation of Petroleum Sites, Yerba Buena Island, San Francisco, California," December 10.	
USCG Property	USCG-EW-06	RW	Inactive	Shaw Environmental, Inc., 2003, "Final Post Construction Summary Report, Site U.S. Coast Guard, Naval Station Treasure Island In Situ Remediation of Petroleum Sites, Yerba Buena Island, San Francisco, California," December 10.	

TABLE 6-18: SUMMARY OF MONITORING AND REMEDIATION WELLS (Continued)

Final, Supplemental Environmental Baseline Survey, Naval Station Treasure Island

EBS Parcel	Well ID	Well Type	Well Status	Reference Document for Installation	Reference Document for Destruction
USCG Property	USCG-EW-07	RW	Inactive	Shaw Environmental, Inc., 2003, "Final Post Construction Summary Report, Site U.S. Coast Guard, Naval Station Treasure Island In Situ Remediation of Petroleum Sites, Yerba Buena Island, San Francisco, California," December 10.	
YB017	270-MW1	MW	Abandoned	Unavailable	
YB017	USCG-EW-05	RW	Abandoned	Shaw Environmental, Inc., 2003, "Final Post Construction Summary Report, Site U.S. Coast Guard, Naval Station Treasure Island In Situ Remediation of Petroleum Sites, Yerba Buena Island, San Francisco, California," December 10.	
YB024	11-MW01	SB	Destroyed	Unavailable	
YB025	11-MW02	MW	Abandoned	Unavailable	
YB025	11-MW03	MW	Abandoned	Unavailable	
YB025	11-MW04	MW	Abandoned	Unavailable	
YB025	11-MW05	MW	Abandoned	Unavailable	
YB025	11-MW06	MW	Paved Over	Unavailable	
YB025	11-MW07	MW	Abandoned	Unavailable	
YB025	11-MW08	MW	Abandoned	Unavailable	
YB025	11-MW09	MW	Abandoned	Unavailable	

Notes: Data as of February 2005

ID Identification
EBS Environmental baseline survey
MW Monitoring well
RW Remedial well
Unavailable Reference document for installation not available from Shaw Environmental, Inc.
UNK Unknown
USCG United States Coast Guard

7.0 ENVIRONMENTAL FINDINGS ON TRANSFER PARCELS

This section provides a narrative discussion for the groups of EBS parcels or portions of parcels suitable for transfer based on their ECP classification. This section explains the methodology for establishing both the regulatory status and the ECP classification for environmental issues that affect EBS parcels. EBS parcels classified as ECP Type 1, 2, 3, or 4 are considered suitable for transfer. This narrative briefly summarizes the past and future uses of logical groupings of EBS parcels and any documented issues of environmental concern.

A more exhaustive discussion of the past activities at these parcels can be found in the 1995 EBS (ERM-West 1995a) that describes the fence-to-fence inspection, personnel interviews, and historical documents and photographs reviewed to document the status of the parcels.

7.1 TRANSFERABLE EBS PARCEL GROUPINGS

Property currently identified as suitable for transfer has been logically grouped into several like areas for this section to facilitate a streamlined narrative discussion of land uses and environmental conditions that affect the property. These groupings of transferable EBS parcels are shown on Figure 1-2 and consist of four separate areas: the TI Southwest Transfer Parcel; the TI Southeast Transfer Parcel; the TI Core Transfer Parcel, and the YBI Transfer Parcel as shown in more detail on Figures 1-2A through 1-2D. The groupings contain whole or partial portions of transferable EBS parcels.

Property has been grouped based on contiguity, similarity of past or future land use, and shared environmental concerns. Each grouping contains multiple EBS parcels.

7.2 METHODOLOGY FOR ESTABLISHING ECP TYPES FOR EBS PARCELS LOCATED WITHIN TRANSFER PARCELS

Each environmental issue that affects NAVSTA TI has been assigned to one or more EBS parcels. The environmental issues defined and presented in Section 6.0 that affect the transfer parcels are summarized in this section. The information provided in this section is based on a review of environmental documentation since the 1995 EBS and on the 2004 SEBS VSIs. Environmental issues identified in the EBS require evaluation to determine if NFA was appropriate or if additional action was required.

The EBS parcel ECP area types are controlled by the highest ECP area type listed for all of the environmental issues within the EBS parcel. Similarly, the ECP area types for transfer parcels are determined by the highest ECP area type listed for all EBS parcels in the transfer parcel. In addition, areas of EBS Parcels T006, T010, T023, T026, T028, T029, T030, T034, T035, T037, T038, T039, T040, T041, T042, T048, T055, T056, T059, T061, T079, T086, T087, T089, T092, T0106, YB001, YB004, BY014, YB016, YB017, YB018, YB022, YB023, and YB024 are located within the transfer parcel, but their boundaries also extend into the non-transferable area, and two different ECP area types have been applied as a result. For example, a portion of EBS Parcel T055 is located within the boundary of IR Site 24, and that portion of the EBS

parcel has been designated ECP 6; however, the portion of EBS Parcel T055 located in the TI Core Transfer Parcel is geographically distinct from IR Site 24 and therefore has been designated as ECP 1. Table 7-1 provides the ECP types for only EBS parcels (or portions of) that lie within transfer parcels.

Tables 6-3, 6-5, 6-6, 6-9, 6-10, 6-11, 6-12, 6-13, and 6-14 provide the ECP area types for the environmental issues that affect all NAVSTA TI EBS parcels based on information available as of November 30, 2004. Table 8-1 also presents the maximum ECP area type for each EBS parcel.

7.3 ENVIRONMENTAL FINDINGS FOR TRANSFER PARCEL GROUPINGS

A narrative discussion for each transfer parcel grouping discussed in Section 7.1 follows. Figure 7-1 shows the maximum ECP area Type for the Transfer Parcels, and Figures 7-1A through 7-1D provide detailed views of each parcels ECP type.

7.3.1 Treasure Island Southwest Transfer Parcel

The following sections describe the environmental condition of the TI Southwest Transfer Parcel and provide the ECP types assigned to the EBS parcels that make up the TI Southwest Transfer Parcel (Figures 1-2 and 7-1). Section 4.0 discusses in detail the EBS parcels that constitute the TI Southwest Transfer Parcel, as well as the past, present, and future land uses of the transfer parcel.

7.3.1.1 Installation Restoration Program

This section discusses the status of the CERCLA and petroleum programs for the TI Southwest Transfer Parcel.

7.3.1.1.1 CERCLA Program Status

No CERCLA program sites are located wholly or partially in the TI Southwest Transfer Parcel. However, six IR sites are located on property immediately adjacent (less than 0.25 mile from the transfer parcel). The IR sites include 03, 09, 12, 24, 27, and 33 (Figure 6-1).

IR Site 03, the PCB Equipment Storage Area, is adjacent to the south side of Building 3 (Figure 6-1). Transformer fluids that contained PCBs have spilled as recently as the mid 1980s. Although they were reportedly cleaned up, no records of cleanup are available. No PCBs were present in the subsurface soils collected during the Phase I RI in 1992. The site received closure approval from DTSC on March 20, 2002 (DTSC 2002b).

IR Site 09 is located east of EBS Parcel T006, in EBS Parcel T007 (Figure 6-1). IR Site 09 is composed of Building 41—originally constructed as a foundry, later used as a welding training school, and then for small boat maintenance. The sources of concern at the site are potential spills or disposal of hazardous materials; potential discharge of wastes to the floor drain and

sump inside of Building 41; and potential release of hazardous constituents in concrete-lined trenches from a former hydraulic lift system inside of Building 41. The contaminants of concern are solvents, lead, and petroleum products. IR Site 09 is currently an active CERCLA site. However, Building 41 is located 150 feet east of the TI Southwest Transfer Parcel, and previous environmental investigations indicate that contaminants have been released only to the soil in the immediate proximity of Building 41. The final RI report for Site 09 concluded that the site does not pose a risk to human health or the environment (SulTech 2005).

IR Site 12, the old bunker area, is located northwest of the TI Southwest Transfer Parcel, adjacent to EBS Parcels T033 and T034. IR Site 12 is currently the TI housing area. Before the area was developed as military housing, several ammunition bunkers were located around IR Site 12. Soil trenching and borings before the 1965 housing foundation excavations indicated that the areas between and around the bunkers were used to incinerate and dispose of solid waste. These locations have been combined to form solid waste disposal areas (SWDA). Hazardous material from portions of the solid waste areas has been removed, but some remains in soil in these areas. Historical records and aerial photographs also helped identify a section of IR Site 12 as a former storage yard and therefore as an area of concern. Soils in this area contained PCBs and PAHs at concentrations in excess of the screening criteria, which prompted removal actions in the area. Other contaminants of concern at Site 12 include dioxins, arsenic, and lead. Soil removal actions have occurred at Site 12, but the site currently remains open as a CERCLA site. Elevated concentrations of ambient arsenic believed to associate with petroleum releases have also been detected in the groundwater in areas of Site 12. The three known SWDAs (A&B, 1207/1209, and 1229/1231) are located along the northern shoreline of TI, 2,000 to 2,500 feet from the TI Southwest Transfer Parcel and southern boundary of IR Site 12. In addition, the general direction of groundwater flow at the site is toward the shoreline, away from the transfer parcel. Therefore, soil and groundwater contamination at IR Site 12 is not expected to affect the TI Southwest Transfer Parcel.

IR Site 24, the dry cleaning facility, is located east of TI Southwest Transfer Parcel. A small area of IR Site 24 is adjacent to EBS Parcel T023, which is in the TI Southwest Transfer Parcel. Building 99, located northwest of the transfer parcel, was used as a laundry. Solvents used during dry cleaning operations were discharged to soil and groundwater beneath the floor of Building 99 as a result of leaks or spills. The volume of solvents that may have been released to the ground is unknown. Building 99 was later used for meat processing and as a print shop and most recently as an office and workshop for film sets. Former IR Sites 5 and 17 were closed and incorporated into IR Site 24 for further investigation (DTSC 2001). Former fuel pipelines D2 and F2 traversed portions of IR Site 24. Fuel leaks associated with the fuel line breaks are being addressed under the petroleum program. The contaminants of concern at IR Site 24 are petroleum, oil, lubricants, and chlorinated solvents. IR Site 24 is currently under investigation. Building 99 is located 500 feet northeast from the IR Site 24 and TI Southwest Transfer Parcel boundary. Waste solvents discharged into the soil and groundwater beneath Building 99 are not expected to affect the transfer parcel based on the general northeast direction of the groundwater flow at IR Site 24, away from the transfer parcel and toward the shoreline.

IR Site 27, the former Clipper Cove skeet range, is located partially onshore in EBS Parcel T006. Between 1979 and 1989, a portion of Clipper Cove was used as a naval skeet range. In 1993, the Clipper Cove Skeet Range was identified as a potential environmental concern based on an order

from the Water Board. In response, the Navy collected samples to define the vertical and horizontal extent of lead shot, lead, and PAHs associated with the broken skeet in the offshore sediments and the overlying surface water. PAH were also detected within IR Site 27's onshore border, located in a portion of EBS Parcel T006. The area in the shoreline portion of EBS Parcel T006 has been carved out of the TI Southwest Transfer Parcel. The PAH detected was further investigated and found not to pose a risk to human health (Shaw 2004c).

Site 33 was originally designated as a former water line replacement located in EBS Parcels T014 and T056 (Navy 2004a). Debris was discovered within portions of the water line replacement trenches during historical repairs to the base's water lines. The initial investigations were conducted in 2003. Soil samples contained dioxins and metals. In addition, Site 33 was investigated as part of the EBS data gaps investigation using trenching and step-out sampling. An area along Avenue I and 4th street was delineated by the EBS data gap investigation. No detections of dioxins or lead resulted from the EBS data gaps investigation (Shaw 2005). In November 2004, the Navy advanced three trenches in the southwest area to confirm that it had not been used for widespread disposal of debris. No debris was identified in these trenches. Dioxins and metals were detected during all three phases of step-out sampling at EBS Parcels T014 and T056 at concentrations above the SSC (Shaw 2005). Likewise, dioxins and metals were detected at concentrations above the SSC at EBS Parcels T014 and T056 (Shaw 2005). The Navy will collect further groundwater samples for analysis dioxins in EBS Parcels T014 and T056. The contaminants of concern at the site (dioxin and lead) are not anticipated to have contaminated groundwater at Site 33. If the groundwater were found to contain contamination, the direction of groundwater flow in the area of Site 33 and the overall TI groundwater flow would be expected to be toward the bay, away from the TI Southwest Transfer Parcel. Based on evidence presented at BCT meetings and additional trenching that was conducted, it was concluded that the water line replacement area was not a contributing factor in the debris area and was not included in Site 33. The BCT agreed that the boundary for Site 33 provided a sufficient protective buffer between known areas of contamination and the transfer areas.

Adjacent IR Sites 03, 09, 12, 24, 27, and 33 do not pose a threat to soil or groundwater in the TI Southwest Transfer Parcel because the release in the adjacent sites: (1) affected only soils (Sites 03, 27, and 33), (2) is located at such a distance from the transfer parcel that contamination is unlikely to affect the transfer parcel, or (3) groundwater contamination is not expected to affect the transfer parcels based on levels of contamination or the direction of the groundwater flow away from the transfer parcel (Sites 09, 12, and 24).

7.3.1.1.2 Petroleum Program Status

One petroleum program site is located in the TI Southwest Transfer Parcel (Figure 6-2). Petroleum Program Site 25 (Seaplane Maintenance Area) was previously used for vehicle and seaplane maintenance. Based on available information about the site history and operations, the suspected sources of gasoline, diesel, and petroleum contamination at Site 25 are: (1) suspected USTs, (2) the former fuel pumphouse (Building 143), (3) the former airplane and vehicle maintenance, (4) the causeway pipeline (between Sites 16 and 25), and (5) the former auxiliary boiler (Building 520) and associated AST. AST 520 was cleaned and inactive and therefore does not require additional closeout (Laidlaw Environmental Services, Inc. [Laidlaw] 1998a). The seaplane maintenance area consists of 11 buildings that were used for or are associated with

storing and maintaining seaplanes. Most of the former pipelines between Sites 16 and 25 have been removed; the majority of the Causeway Pipeline was removed, but some portions were closed in place. Six groundwater sampling events have been conducted at the site, the first in May 2003 and the sixth in October 2004. Contaminants of concern at the site are petroleum, oil, and lubricants. Currently, an in situ groundwater treatment system, including soil vapor extraction and air sparging, is operating at the site. A closure report is being prepared.

7.3.1.2 Compliance Program Status and Strategy

Compliance activities at NAVSTA TI are coordinated with environmental restoration under the CERCLA or the petroleum program. Compliance involves USTs, fuel lines, ASTs, OWSs, MEC, pesticides, hazardous materials and waste management, solid waste management, PCBs, asbestos, LBP, radon, radioactive contaminants, utilities, and other locations of concern. The compliance program also involves RCRA. The status of compliance programs at NAVSTA TI for the TI Southwest Transfer Parcel is presented in this section.

7.3.1.2.1 Underground Storage Tanks

A total of 25 USTs are located in the TI Southwest Transfer Parcel (Table 6-6). The following previously suspected USTs have received regulatory concurrence for NFA after an adequate search because the tanks were never located: 145, 450, 452, and 453 (Water Board 2003e). The following USTs were removed and have received regulatory closure: 1A, 1B, 1C, 1D, 1E, 1F, 1G(469), 2A, 2C, 2D, and 15 (City and County of San Francisco 2000 and Water Board 1996, 2002a, and 2002b). Cleanup actions are under way at USTs associated with Site 25 (143A-I and 2B).

7.3.1.2.2 Fuel Lines

Six main fuel lines installed on TI as early as the 1940s transported gasoline, diesel, bunker C fuel, and other petroleum products (Figure 6-2). All fuel lines located on TI were removed from service by 1989. Most of the pipeline system has been removed or abandoned in place. NFA was recommended for the Causeway Pipeline after removal and overexcavation in areas where soil screening criteria were exceeded; the Navy received concurrence in 2003 (Water Board 2003a). Most, but not all, of the Causeway Pipeline was removed; some portions were closed in place. All field work and reporting at Pipeline Site's D2B and D5 have been completed. On December 4, 2003, the Navy requested NFA via the pipeline CAP for both pipeline sites (Tetra Tech 2003c). A letter from the Water Board, received on February 12, 2004, concurred with the requested NFA at Pipeline Sites D2B and D5 (Water Board 2004a).

7.3.1.2.3 Aboveground Storage Tanks

Four ASTs are in the TI Southwest Transfer Parcel (Figure 6-2). AST 520 has been cleaned and is inactive; it is associated with Petroleum Program IR Site 25. ASTs 520B-1, 520B-2, and 520B-3 are inactive boiler additive tanks inside Building 520. AST 520 is considered closed by the San Francisco Department of Public Health (DPH) in accordance with its regulatory requirements (Laidlaw 1998a).

7.3.1.2.4 Oil-Water Separators

No oil-water separators were located in the TI Southwest Transfer Parcel.

7.3.1.2.5 Munitions Response Program

MEC was stored in Building 454, located in EBS Parcel T006, during the 1995 EBS. Building 454 was used to store ammunition. No MEC was observed inside Building 454 during the 2004 SEBS VSI.

7.3.1.2.6 Pesticides

The Navy applied registered pesticides at the TI Southwest Transfer Parcel in a manner consistent with the manufacturer's instructions and in accordance with the Navy's established pesticide management program, pursuant to applicable laws and regulations. Pesticides were used at the TI Southwest Transfer Parcel for ordinary and routine application in a manner consistent with standards for registered application for residential areas. The pesticide issue was recommended for NFA (ERM-West 1995a).

7.3.1.2.7 Hazardous Materials/Waste Management

Hazardous materials storage was observed in the following buildings during the 1995 EBS: 1, 2, 187, 265, 271, and 298. However, as stated earlier, Buildings 1, 2, 187, 265, and 271 have been leased to TIDA. Any hazardous materials stored in these buildings since the lease was signed is the responsibility of TIDA.

Hazardous waste was at one time stored or generated in EBS Parcel T006. According to the 1995 SEBS, hazardous waste generation or storage included waste oil and waste antifreeze. No evidence of release or disposal of hazardous waste generated or stored in EBS Parcel T006 was apparent during the 2004 VSI.

7.3.1.2.8 Polychlorinated Biphenyls

A total of 45 PCB sites are within the TI Southwest Transfer Parcel (Figure 6-5). Of these 45 sites, the draft PCB summary report recommended NFA for 38 in the TI Southwest Transfer Parcel (SULLIVAN and Tetra Tech 2004). Four indoor sites (TX-138, TX-140, TX-146, and TX-2045) located in interior vaults exceeded the low-occupancy criterion (25 mg/kg) and the high-occupancy criterion (1 mg/kg) as specified in 40 CFR Part 761. In addition, three indoor sites (TX-114A and B, TX-139) exceeded the high-occupancy criterion only. The Navy will address these seven PCB sites before or after transfer under the TSCA self-implementing cleanup protocol outlined in 40 CFR 761.61 (SULLIVAN and Tetra Tech 2004); however, the seven PCB sites have been categorized as ECP 4 in anticipation that the self-implementing cleanup will be completed. This decision is based on a strategy developed at BCT meetings to categorize EBS parcels as transferable that contain these PCB sites.

7.3.1.2.9 Asbestos-Containing Materials

SEBS personnel did not report any damaged ACM in the TI Southwest Transfer Parcel during the 2004 VSIs.

7.3.1.2.10 Resource Conservation and Recovery Act Facilities

The Navy does not and never did operate a RCRA-permitted or interim-status facility at NAVSTA TI.

7.3.1.2.11 Lead-Based Paint

Before 1978, the use of LBP was common throughout the United States, including at military installations. DoD policy to survey LBP hazards is primarily applied to residential structures built before 1978.

Most buildings in the TI Southwest Transfer Parcel were constructed before 1978. SEBS personnel found LBP hazards throughout the interiors and exteriors of most buildings within the transfer parcel, with flaking paint ranging from minor to medium in severity. LBP inspections and abatement are not required on the property because residential reuse will not occur in the TI Southwest Transfer Parcel and the buildings still under the control of the Navy will not be used as housing at any time after transfer (SWDIV 2003); however, additional action would be required if residential use were to occur on the transfer parcel.

7.3.1.2.12 Radon

The screening phase of the Navy radon assessment and mitigation program began in 1989. The Navy radon assessment and mitigation program consists of: (1) an initial screening phase to identify housing projects, school and childcare facilities, barracks, hospitals, and brigs where radon levels are elevated; (2) a detailed assessment to collect samples from buildings where elevated levels of radon gas are found during the initial screening; and (3) a mitigation phase to carry out corrective actions in buildings where radon levels are elevated. The Navy screened six representative locations for radon at NAVSTA TI in 1991. Concentrations ranged from below the detection limit (0.5 pCi/L) at four locations to 0.6 pCi/L. No radon was detected at concentrations that exceeded the EPA radon action level of 4 pCi/L and, therefore, no further action was required.

7.3.1.2.13 Radiological Activities

The Navy conducted a basewide HRA at NAVSTA TI. This assessment consisted of a review of historical records and interviews. Based on the results of this assessment, no radiation-contaminated sites were identified within the TI Southwest Transfer Parcel (BCT 2005a, Navy 2005a).

7.3.1.2.14 Utilities

Underground sanitary, sewage, steam, and natural gas lines are located throughout the TI Southwest Transfer Parcel. Potentially contaminated storm sewer lines were suspected beneath EBS Parcels T006, and T028. Based on previous investigations, storm sewer lines at these parcels are no longer an issue of potential concern (Tetra Tech 2001c).

7.3.1.2.15 Other Locations of Concern

Other locations of concern were identified in areas that are not within the CERCLA or petroleum programs, or any of the compliance programs. They are listed in Table 6-9. Other locations of concern include issues such as:

- Stains or spills
- Potential historical adverse use
- Potential lead contamination that did not result from LBP
- Other miscellaneous issues raised by the 1995 EBS or by members of the BCT

Eight spill- and stain-related sites affect the TI Southwest Transfer Parcel. Of these 8 sites, only one was determined to result in a release to the environment (see Table 6-9 for closure references). A 3-gallon diesel spill near building 183 in 1990 was proven to be petroleum only based on samples collected as part of the EBS data gaps investigation (Tetra Tech and U&A 1999a) SEBS personnel noted previously unidentified stains on concrete inside Building 346 in EBS Parcel T006 (Appendix B, Photograph B-9) and Building 469 in EBS Parcel T002 during the 2004 VSI (Appendix B, Photograph B-10). Buildings 346, and 469 have all been leased to TIDA; lease information was not available before the 2004 VSI. The Navy notified the lessee of these findings, and action was taken to clean up the spills. The spills and stains noted during the 2004 VSI were all releases to concrete in the interiors of buildings and did not constitute releases to the environment.

NAVSTA TI previously operated the only military-owned incinerator in the Bay Area. The location of the incinerator is Building 481 in EBS Parcel T029, as listed in Table 6-9. The incinerator accepted paper waste from many different sources, including ships and other military installations, such as NAS Alameda and former NAS Moffett Field. Operation of the incinerator ceased in 1992. The former incinerator received regulatory concurrence that no further action was required because dioxins and furans were not detected in wipe samples (Tetra Tech and U&A 1999c).

In addition, Causeway Pipeline at Building 454 (EBS Parcel T006) was designated to be part of a data gap investigation based on suspected PAHs. The results for soil from the data gap investigation found no contamination at concentrations that exceeded the screening criteria; therefore, the Navy recommended no further investigation for this location. The BCT recommended that this location be included in IR Site 27 (Skeet Range).

7.3.1.3 Notification Issues

When property is transferred, transfer documents will include notification of locations of monitoring and remediation wells (discussed in Section 7.3.1.3.1), and hazardous substances, ACM, LBP, and PCBs (discussed in Section 7.3.1.2).

7.3.1.3.1 Monitoring and Remediation Wells

Notification is required for the EBS parcels that contain monitoring or remediation wells. Wells include groundwater monitoring wells, groundwater extraction wells, air-sparging wells, and soil-vapor extraction wells. Notification will include the status (active or abandoned) of the wells. Locations of the wells are shown on Figure 6-6. EBS parcels that contain wells are listed on Table 6-18.

7.3.1.3.2 Hazardous Substances Notification

A table that lists the hazardous substances that require notification under CERCLA 120(h) will be included in the transfer document when property is transferred out of the Navy's control. Most available information on hazardous substances will be derived from the 1995 EBS. The exception is more recent information on hazardous substances from current tenants. See Section 6.3.2 for more details.

7.3.1.4 EBS Parcel ECP Types

The Navy assigned each parcel an ECP type after a review of the various issues that affect the EBS parcels wholly or partly in the TI Southwest Transfer Parcel. The following is a summary of the ECP types assigned to each of the EBS Parcels:

- **ECP 1 Parcels**—areas where no release or disposal of hazardous substances or petroleum products has occurred (including no migration of these substances from adjacent areas). EBS Parcels T028 (the portion located within the TI Southwest Transfer Parcel A), T030, T033, T038 (the portion located within the TI Southwest Transfer Parcel B), and T118 (Pier 23) are proposed as ECP 1.

- **ECP 2 Parcels**—areas where only release or disposal of petroleum products has occurred. EBS Parcels T001, T024, T025, T027, T035, and T037 (the portion located within the TI Southwest Transfer Parcel B) are proposed as ECP 2.

- **ECP 3 Parcels**—areas where release, disposal, and/or migration of hazardous substances has occurred but at concentrations that do not require a removal or remedial action. EBS Parcels T002, T006 (the portion located within the TI Southwest Transfer Parcel A), T026 (the portion located within the TI Southwest Transfer Parcel A), T029 (the portion located within the TI Southwest Transfer Parcel B), and T039 (the portion located within the TI Southwest Transfer Parcel B) are proposed for ECP 3.

- **ECP 4 Parcels**—areas where release, disposal, and/or migration of hazardous substances has occurred and all remedial actions necessary to protect human health and the environment have been taken. EBS Parcels T003, T023 (the portion located within the TI Southwest Transfer Parcel A), and T034 are proposed for ECP 4.

- **ECP 5 Parcels**—areas where release, disposal, and/or migration of hazardous substances has occurred, and removal or remedial actions are under way but all required remedial actions have not yet been taken. No EBS parcels located within the transfer parcel are proposed for ECP 5.

- **ECP 6 Parcels**—areas where release, disposal, and/or migration of hazardous substances has occurred but required actions have not yet been implemented. No EBS parcels located within the transfer parcel are proposed for ECP 6.

- **ECP 7 Parcels**—areas that are not evaluated or require additional evaluation. No EBS parcels located within the transfer parcel are proposed for ECP 7.

7.3.2 Treasure Island Southeast Transfer Parcel

The following sections describe the environmental condition of the TI Southeast Transfer Parcel and provide the ECP types assigned to the EBS parcels that make up the TI Southeast Transfer Parcel (Figures 1-2 and 7-1). Section 4.0 discusses in detail the EBS parcels that constitute the TI Southeast Transfer Parcel, as well as the past, present, and future land uses of the transfer parcel.

7.3.2.1 Installation Restoration Program

This section discusses the status of the CERCLA and petroleum programs for the TI Southeast Transfer Parcel.

7.3.2.1.1 CERCLA Program Status

No IR sites are located within the boundary of the TI Southeast Transfer Parcel. However, six IR sites are located within 0.25 mile of the transfer parcel: IR Sites 03, 09, 21, 24, 27, and 33.

IR Site 21, the Vessel Waste Oil Recovery Area, originally consisted of a 400-foot-long by 75-foot-wide area along the shoreline (Figure 6-1). The boundary of the site has been expanded to include the open space area between Building 3 and the shoreline. The Vessel Waste Oil Recovery area operated between 1946 and 1995. Waste oil unloaded from ships was transferred to an onshore oil-water separator at IR Site 21 (not shown on Figure 6-2). The separation facility consisted of five ASTs, each with a capacity of 2,000 gallons. These tanks were removed in 1995. Waste oil from ships was unloaded into cylindrical steel shells called "donuts." The donuts would float on the bay, partially above and partially below the water surface, and were not fitted with bottoms to prevent the waste oil from contacting water. The separation system was maintained on a paved area that was reportedly heavily stained, but little staining is still visible. Analytical data from sampling monitoring wells at IR Site 21 demonstrates no pattern of

elevated levels of TPH in groundwater. Building 3, bordering EBS Parcel T010 to the southwest, was used for various activities, including aircraft maintenance. A dip tank reportedly located at the southeastern corner of Building 3 was used to clean aircraft parts. No records are available to describe the types and quantities of chemicals used or disposed of during parts cleaning; however, use of the solvents PCE and TCE as degreasing agents for cleaning metal parts was widespread at the time of Navy operations. Contamination of groundwater at IR Site 21 is believed to have resulted from small leaks or spills of PCE and TCE during former parts cleaning. Contaminants of concern at IR Site 21 include VOCs and TPH. The general direction of groundwater flow at IR Site 21 is to the south and east, toward the shoreline and away from the transfer parcel. Therefore, contamination in groundwater and soil at Site 21 is not expected to affect the TI Southeast Transfer Parcel.

For a discussion of adjacent IR Sites 03, 09, 24, 27, and 33, refer to Section 7.3.1.1.1. IR Sites 09 and 24 are not expected to affect the transfer parcel because the general direction of groundwater flow in this area of TI is south and east, toward the shoreline and away from the transfer parcel. IR Site 27 is not expected to affect the transfer parcel because the area of PAH contaminant on shore was deemed not to pose a risk to human health or the environment.

Adjacent IR Sites 03, 09, 12, 24, 27 and 33 do not pose a threat to the soil or groundwater located in the TI Southeast Transfer Parcel because of either a release that affected only soils, the approximate distance from the transfer parcel, or the direction of groundwater flow when compared with the location of the transfer parcel.

7.3.2.1.2 Petroleum Program Status

One petroleum program site is located in the TI Southeast Transfer Parcel (Figure 6-2), in addition to the fuel line sites discussed in Section 7.3.2.2.2. Petroleum Program Site 15 was the original fuel storage and distribution facility for NAVSTA TI and consisted of two large-capacity ASTs (4M and 5M), four smaller-capacity ASTs (collectively identified as AST 6M), a gasoline pump house (Building 84), a diesel pump house (Building 86), and a diesel oil clarifier (Building 85). In 1943, ASTs 4M, 5M, and 6M were relocated to the New Fuel Farm (Site 14). In 1945, Building 85 was moved to the New Fuel Farm and Building 86 was demolished; Building 84 was demolished in 1961. Two smaller former diesel ASTs (34A and 34B) were located near Building 34. Former fuel AST 34A was located on concrete mounts east of Building 34, and former fuel AST 34B was apparently located on a concrete pad next to an emergency generator southeast of Building 34. Investigations at Building 34 in 1985 revealed soil suspected of containing oil and petroleum hydrocarbons. No impact to groundwater has been identified in the area of Building 34. Fuel lines, where found, were removed during remedial activities in 1997 and 1998. In 2001, preliminary remediation wells were installed to assess TPH contamination in the area along fuel line D1, 400 feet west of Building 34, in Site 15. The contaminants of concern at the site are petroleum, oil, and lubricants. A final closure report for Site 15 requesting NFA was submitted on September 15, 2004 (Shaw 2004h). The Navy received concurrence on NFA from the Water Board (Water Board 2004j).

7.3.2.2 Compliance Program Status and Strategy

Compliance at NAVSTA TI is coordinated with environmental restoration under the CERCLA or the petroleum programs. Compliance involves USTs, fuel lines, ASTs, OWSs, MEC, pesticides, hazardous materials and waste management, solid waste management, PCBs, asbestos, LBP, radon, radioactive contaminants, utilities, and other locations of concern. RCRA is also an issue of concern in the compliance program. The status of compliance programs at NAVSTA TI for the TI Southeast Transfer Parcel is presented in this section.

7.3.2.2.1 Underground Storage Tanks

There are no USTs suspected of, formerly, or currently located in the TI Southeast Transfer Parcel.

7.3.2.2.2 Fuel Lines

Fuel Line Sites D1B, D1C, D5, and the Building 530 Pipeline are located within the boundary of the TI Southeast Transfer Parcel (Figure 6-2). On December 4, 2003, the Navy requested NFA via the pipeline CAP for Pipeline Sites D1B, D1C, and D5 (Tetra Tech 2003c). The Water Board concurred with the Navy on NFA for Pipeline Sites D1C and D5 (Water Board 2004a). The Water Board concurred with the Navy's request for NFA for Building 530's inactive pipeline after it was removed and excavated, along with over excavation in areas where soil screening criteria were exceeded (Water Board 2003b). The Water Board requested additional groundwater monitoring at Pipeline Site D1B, however. In addition, Pipeline Site D1B is undergoing further investigation for PAH as part of the data gaps investigation (Shaw 2005). PAH was detected at concentrations below the screening criterion, and the Navy recommended NFA for the site.

7.3.2.2.3 Aboveground Storage Tanks

Nine ASTs are or were located in the TI Southeast Transfer Parcel. ASTs 4M, 5M, and 6M have been moved to EBS Parcel T076 (and are now referred to ASTs 4, 5, and 6A-G). ASTs 34A and 34B have been removed. ASTs 530A-530D have been cleaned and are inactive (Weston 2000). All ASTs in the TI Southeast Transfer Parcel are cleaned, inactive, or have been removed and no pending petroleum investigation is associated with their removal (Table 6-8).

7.3.2.2.4 Oil-Water Separators

No known or suspected OWSs are currently located in the TI Southeast Transfer Parcel.

7.3.2.2.5 Munitions Response Program

Based on previous environmental investigations, no munitions response program sites or MEC-related issues are associated with the TI Southeast Transfer Parcel.

7.3.2.2.6 Pesticides

The Navy applied registered pesticides at Southeast Transfer Parcel in a manner consistent with the manufacturer's instructions and in accordance with the Navy's established pesticide management program, pursuant to applicable laws and regulations. Pesticides were used at the TI Southeast Transfer Parcel for ordinary and routine application in a manner consistent with standards for registered application for residential areas. The pesticide issue was recommended for NFA (ERM-West 1995a).

7.3.2.2.7 Hazardous Materials/Waste Management

According to the 1995 EBS, waste oil and boiler treatment chemicals were generated in Building 530, located in EBS Parcel T015. Before it was transferred to Lot 69, waste was stored in EBS Parcel T015. Typically, no more than two 55-gallon drums of waste oil and 45 pounds of empty containers were present at one time.

Hazardous waste or material storage was not observed in the TI Southeast Transfer Parcel during the 2004 SEBS VSIs.

7.3.2.2.8 Polychlorinated Biphenyls

The Navy investigated 19 known or suspected PCB sites in EBS Parcels T010, T015, and T018 for the 2004 summary report; these sites included high-voltage primary transformers with dielectric fluid that possibly contained PCBs, located in the TI Southeast Transfer Parcel (SULLIVAN and Tetra Tech 2004) (Figure 6-5). Of the 19 PCB sites, 18 received regulatory concurrence with the Navy's NFA recommendation, variously because the transformers were not located, they were removed with no signs of spills or stains, or analytical results found PCBs below both residential high- and low-occupancy levels. TX-120 is an outdoor, oil-filled, pad-mounted transformer located in EBS Parcel T010. Based on analytical results, TX-120 exceeded the high-occupancy criterion only. The Navy will clean up this PCB site before or after transfer under the TSCA self-implementing cleanup protocol outlined in 40 CFR 761.61 (SULLIVAN and Tetra Tech 2004); however, this PCB site has been categorized as ECP 4 in anticipation that the self-implementing cleanup will be completed. This decision is based on a strategy developed at BCT meetings, to categorize EBS parcels as transferable that contain these PCB sites.

7.3.2.2.9 Asbestos-Containing Material

No damaged or accessible friable ACM was observed in the TI Southeast Transfer Parcel during the 2004 VSIs. ACM surveys were conducted for buildings located in EBS Parcels T010, T015, T016, T017, and T018; no further ACM investigations were recommended.

7.3.2.2.10 Resource Conservation and Recovery Act Facilities

The Navy does not and never did operate a RCRA-permitted or interim-status facility at NAVSTA TI.

7.3.2.2.11 Lead-Based Paint and Asbestos-Containing Material

Before 1978, the use of LBP was common throughout the United States, including at military installations. DoD policy to survey LBP hazards is primarily applied to residential structures built before 1978.

Most buildings in the TI Southeast Transfer Parcel were constructed before 1978. SEBS personnel found LBP hazards throughout the interior and exterior of most buildings in the transfer parcel, with flaking paint ranging from minor to medium in severity. Building 34, located in the EBS Parcel T017, was inspected; however, it was found to have been leased by TIDA after the inspection had been conducted. (Lease information had not been available to the Navy before the 2004 VSI.)

LBP inspections and abatement are not required on the property because residential reuse will not occur in the TI Southeast Transfer Parcel and the buildings still under the control of the Navy will not be used as housing at any time (SWDIV 2003); however, additional action would be required if residential use were to occur on the transfer parcel.

7.3.2.2.12 Radon

The screening phase of the Navy radon assessment and mitigation program began in 1989. The Navy radon assessment and mitigation program consists of: (1) an initial screening phase to identify housing projects, school and childcare facilities, barracks, hospitals, and brigs where radon levels are elevated; (2) a detailed assessment to collect samples from buildings where elevated levels of radon gas are found during the initial screening; and (3) a mitigation phase to conduct corrective actions in buildings where radon levels are elevated. The Navy screened six representative locations for radon at NAVSTA TI in 1991. Concentrations ranged from below the detection limit (0.5 pCi/L) at four locations to 0.6 pCi/L. No radon was detected at concentrations that exceeded the EPA radon action level of 4 pCi/L; therefore, no further action was required.

7.3.2.2.13 Radiological Activities

The Navy conducted a basewide HRA at NAVSTA TI. This assessment consisted of a review of historical records and interviews. Based on the results of this assessment, no radiation-contaminated sites were identified within the TI Southeast Transfer Parcel (BCT 2005a, Navy 2005a).

7.3.2.2.14 Utilities

Underground sanitary, sewer, and steam lines are located throughout the TI Southeast Transfer Parcel. Potentially contaminated storm sewer lines were suspected beneath EBS Parcels T010, T015, T016, and T018. Based on previous investigations, storm sewer lines at these parcels are no longer an issue of potential concern (Tetra Tech 2001c).

7.3.2.2.15 Other Locations of Concern

Other locations of concern were identified in areas that are not within the CERCLA or petroleum programs or any of the compliance programs. Table 6-9 lists other locations of concern. Figure 6-4 shows the other locations of concern currently scheduled for investigation and others as part of ongoing work under existing CERCLA or petroleum sites. Other locations of concern include issues such as:

- Spills or stains identified during previous investigations and the 2004 SEBS VSIs
- Potential historical adverse use
- Potential lead contamination that did not result from LBP
- Other miscellaneous issues raised by the 1995 EBS or by members of the BCT

The 2004 SEBS VSIs for the TI Southeast Transfer Parcel did not identify any new spills or stains inside the buildings or on their grounds.

No other locations of concern were identified during the 2004 VSIs.

7.3.2.3 Notification Issues

When property is transferred, transfer documents will include notification of locations of monitoring and remediation wells (discussed in Section 7.3.2.3.1) and hazardous substances, ACM, LBP, and PCBs (discussed in Section 7.3.2.2).

7.3.2.3.1 Monitoring and Remediation Wells

Notification is required for the EBS parcels that contain monitoring or remediation wells. Wells include groundwater monitoring wells, groundwater extraction wells, air-sparging wells, and soil-vapor extraction wells. Notification will include the status (active or abandoned) of the wells. Locations of the wells are shown on Figure 6-6. EBS parcels that contain wells are listed on Table 6-18.

7.3.2.3.2 Hazardous Substances Notification

A table that lists the hazardous substances that require notification under CERCLA 120(h) will be included in the transfer document when property is transferred out of the Navy's control. Most available information on hazardous substances is derived from the 1995 EBS. The exception is more recent information on hazardous substances from current tenants. See Section 6.3.2 for more details.

7.3.2.4 EBS Parcel ECP Types

The Navy assigned each parcel an ECP type after the various issues that affect the EBS parcels wholly or partially in the TI Southeast Transfer Parcel had been reviewed. The following is a summary of the ECP types assigned to each of the EBS parcels:

- **ECP 1 Parcels—**areas where no release or disposal of hazardous substances or petroleum products has occurred (including no migration of these substances from adjacent areas). EBS Parcel T119 is proposed for ECP 1.

- **ECP 2 Parcels—**areas where only release or disposal of petroleum products has occurred. EBS Parcels T016, T017, and T018 are proposed as ECP 2.

- **ECP 3 Parcels—**areas where release, disposal, and/or migration of hazardous substances has occurred but at concentrations that do not require a removal or remedial action. EBS Parcel T015 located within the transfer parcel, is proposed for ECP 3.

- **ECP 4 Parcels—**areas where release, disposal, and/or migration of hazardous substances has occurred and all remedial actions necessary to protect human health and the environment have been taken. EBS Parcel T010 (the portion located within the TI Southeast Transfer Parcel) is proposed for ECP 4.

- **ECP 5 Parcels—**areas where release, disposal, and/or migration of hazardous substances has occurred, and removal or remedial actions are under way but all required remedial actions have not yet been taken. No EBS parcels located within the transfer parcel are proposed for ECP 5.

- **ECP 6 Parcels—**areas where release, disposal, and/or migration of hazardous substances has occurred but required actions have not yet been implemented. No EBS parcels located within the transfer parcel are proposed for ECP 6.

- **ECP 7 Parcels—**areas that are not evaluated or require additional evaluation. No EBS parcels located within the transfer parcel are proposed for ECP 7.

7.3.3 Treasure Island Core Transfer Parcel

The following sections describe the environmental condition of the TI Core Transfer Parcel and provide the ECP types assigned to the EBS parcels that make up the TI Core Transfer Parcel (Figures 1-2 and 7-1). Section 4.0 discusses in detail the EBS parcels that constitute the TI Core Transfer Parcel, as well as the past, present, and future land uses of the transfer parcel.

7.3.3.1 Installation Restoration Program

This section discusses the status of the CERCLA and petroleum programs for the TI Core Transfer Parcel.

7.3.3.1.1 CERCLA Program Status

One IR Program site (IR Site 01) is located within the boundary of the TI Core Transfer Parcel. However, the following IR sites are adjacent (less than 0.25 mile from the transfer parcel): IR Sites 06, 07, 10, 12, 24, 30, 31, 32, and 33.

IR Site 01, the Building 257 Medical Clinic, is located within EBS Parcel T092 (Figure 6-1). Soils were removed from above the concrete slab foundation, and it was determined there had been no release to the environment. DTSC and the Water Board concluded the site required no further response actions for hazardous substances or petroleum products. IR Site 01 received NFA concurrence on March 20, 2002 (DTSC 2002a).

Site 06, the former Navy firefighting training school, was used for nearly 50 years (1944 through 1992) for various firefighting training. Site 06 is located adjacent to EBS Parcel T106 (Figure 6-1). Four 1,500-gallon USTs (240A, 240B, 248A, and 248B) that contained diesel and gasoline were within the training yard of the school. These USTs were removed. Currently, additional investigations are being considered under the petroleum program to evaluate VOCs in soil, soil gas, and groundwater near former USTs 240A and 240B. Groundwater monitoring is ongoing. According to previous rounds of groundwater monitoring, the local groundwater flow is generally north-northeast toward the shoreline, away from the transfer area (Tetra Tech 2003b). The dioxins detected in soil were evaluated under the CERCLA program as part of the EBS data gaps investigation in 2003. The boundaries of Site 06 boundaries were proposed that would reach the site to include this area, which extends to San Francisco Bay. This change in the boundary was proposed based on detections of dioxin in Parcel T112 during the EBS data gaps investigation to the east and above the WWTP area. Boundary changes for Site 06 to address the dioxins issue were finalized at the BCT Scoping Meeting for Site 06. The boundary change, which has expanded the site to include EBS Parcels T109 and T111, is effective for CERCLA constituents (dioxin) only; additional investigation of dioxins may be required to complete the RI/FS. A closure report for the petroleum program is to be prepared. An RI report to assess risk to human health and the environment under the CERCLA program is being prepared. Based on the groundwater gradient and the impact of CERCLA constituents to soil only, it is not anticipated that Site 06 poses a threat to human health or the environment at the TI Core Transfer Parcel.

Site 07, the Pesticide Storage Area, is located adjacent to EBS Parcels T077 and T078 (Figure 6-1). A supplemental SI report was submitted for Site 07 that recommended NFA on August 30, 2002. A closure letter is anticipated from DTSC after data gaps sampling is complete at adjacent EBS Parcel T111, identified as proposed Site 32. Since closure is anticipated, Site 07 is not expected to affect the soil or groundwater within the transfer parcel.

Site 10, the Bus Painting Shop, is located adjacent to EBS Parcels T077 and T078 (Figure 6-1). A final RI is being prepared. In addition to the CERCLA investigation completed at Site 10, in August 2004, a Navy contractor encountered a 2-inch thick layer of heavy (very viscous) petroleum and dioxins in surface soil along the eastern side of the boundary for Site 10 and near the rip-rapped shoreline. The nuisance soil was excavated to a depth of 1 foot below grade under petroleum nuisance criteria and sampled for analysis of dioxins, TPH, VOCs, and PAHs. Nuisance soil is defined as either odorous or visibly contaminated soil present from 0 to 2 feet

bgs in unpaved areas. Sampling confirmed that the petroleum layer had been completely removed. The Navy requested NFA concurrence from the Water Board for the petroleum layer only (Navy 2004b). In addition, burned material was observed in shallow soil all the way up to the eastern boundary of Site 10, adjacent to the rip rap during a petroleum excavation in Petroleum Program Site 14/22 (BCT 2004). The Navy proposed a time-critical removal action (TCRA) to remove the burned material and contaminated soil as well as to move forward with the Site 10 RI. The TCRA will be documented in the post-construction report and the ROD but not in the RI. However, based on discussions in subsequent BCT meetings, the Navy decided to refer to the area of dioxin contamination as an "additional investigation" site and is currently planning a removal action, tentatively scheduled for late spring 2005. The removal action will be documented in the ROD for Sites 09 and 10, but not in the final RI for Sites 09 and 10.

Refer to Section 7.3.1.1.1 for a complete discussion of Site 24. Site 12, the Old Bunker Area, is located adjacent to EBS Parcels T086, T087, T089, T092, and T093 (Figure 6-1). Soil removal actions have been conducted at Site 12 to remove hazardous materials. Scoping for the RI and risk assessment work plan is under way, to be followed by the RI report. The bunkers, storage yards, and solid waste disposal areas of most concern at Site 12 are located more than 0.25 mile from the boundary of the TI Core Transfer Parcel; therefore, Site 12 is not expected to affected soil or groundwater in the transfer parcel.

For a complete discussion of Site 24, refer to Section 7.3.1.1.1. Parcels T066 and T117 (IDW Storage Area), adjacent to the transfer parcel area (Figures 1-2 and 6-1) in the boundary of IR Site 24, were investigated as part of the EBS data gaps investigation. The data gaps investigation analyzed groundwater samples for VOCs, SVOCs, PCBs, TPH as gasoline, TPH as diesel and motor oil, and metals (Shaw 2005). The Navy recommended NFA based on analytical results from the data gap investigation at EBS Parcels T066 and T117 (Shaw 2005). These results indicate that the groundwater contamination from the solvent source area (Building 99) should not affect the TI Core Transfer Parcel.

Site 30, the Daycare center, is located adjacent to EBS Parcel T092 and T093 (Figure 6-1). Soil contaminated with dioxins and lead was investigated. The Navy performed a time-critical removal action in 2003 to remove accessible contaminated soil. The Navy also installed a 6-inch concrete cap adjacent to the Daycare center to cover the 1,400-square-foot area around and between the locations contaminated with elevated concentrations of dioxins in the subsurface soil (Shaw 2003b). Since Site 30 was found to contain soil contamination only and exposed soil was removed or capped, Site 30 is not expected to affect soil or groundwater in the transfer parcel.

Site 31, the Former South Storage Yard, is located within EBS Parcels T089 and T092, along the boundary of the TI Core Transfer Parcel (Figure 6-1). An initial investigation identified elevated concentrations of lead, copper, PCBs, and DDT above screening levels in soil and below screening levels in asphalt. Additional investigations of soil identified concentrations of TPH as diesel and motor oil, PAHs, and dioxins at the site (Shaw 2004a). The asphalt currently serves as a protective barrier for contaminated soil. An RI is being prepared. Since Site 31 was found to contain soil contamination only and the contaminated soil is protected, Site 31 is not expected to affect soil or groundwater in the transfer parcel.

Site 32 is a former training and storage area in EBS Parcel T111, adjacent to EBS Parcel T077 and T078 (Figure 6-1). Initial investigations were conducted in April 2003, with additional investigations in September and November 2003. Initial soil samples contained PCBs, TPH as diesel and motor oil, dioxins, and pesticides. Metals were detected at concentrations greater than the SSC in groundwater from samples collected in Site 32 as part of the final data gaps investigation (Shaw 2005). An RI is being prepared for the site. Since Site 32 was found to contain soil contamination only, Site 32 is not expected to affect soil or groundwater in the transfer parcel.

For a discussion of Site 33, refer to Section 7.3.1.1.1. Site 33 was originally designated as a debris disposal area associated with a former water line replacement area located in EBS Parcels T014 and T056 (Navy 2004a) (Figure 6-1). Site 33 was investigated as part of the EBS data gaps investigation using trenching and step-out sampling. Dioxins and metals were detected at concentrations above the SSC during all three phases of step-out sampling at EBS Parcels T014 and T056 (Shaw 2005). Likewise, dioxins and metals were detected at concentrations above the SSC at EBS Parcels T014 and T056 (Shaw 2005). The Navy will collect further groundwater samples for dioxins and metals in EBS Parcels T014 and T056. The contaminants of concern at the site (dioxin and lead) are not anticipated to have been impacted the groundwater at Site 33. If the groundwater were found to contain contamination, the direction of groundwater flow in the area of Site 33 and the overall TI groundwater flow would be expected to be toward the bay, downgradient from the TI Core Transfer Parcel. Based on evidence presented at BCT meetings and additional trenching that was conducted, it was determined that the basewide water line replacement was not a contributing factor in the debris area and was not included in Site 33. The BCT agreed that the boundary for Site 33 provided a sufficient protective buffer between known areas of contamination and the transfer areas.

Adjacent IR Sites 06, 07, 10, 12, 24, 30, 31, 32, and 33 do not pose a threat the soil or groundwater in the TI Core Transfer Parcel because of either a release that affect only soils, the approximate distance from the transfer parcel, the direction of the groundwater flow when compared with the location of the transfer parcel, or anticipated site NFA concurrence and closure.

7.3.3.1.2 Petroleum Program Status

One petroleum program site is located in the TI Core Transfer Parcel (Figure 6-2), in addition to the fuel line sites discussed in Section 7.3.3.2.2. Site 14/22 is located along the shoreline in the northeastern portion of TI. It served as a fuel storage area and gas station for more than 50 years. Fuel storage and dispensing at Site 14/22 resulted in releases of diesel, waste oil, and gasoline to the environment. Based on available information about the site history and operations, the suspected sources of gasoline, diesel, and petroleum contamination at Site 14/22 include the tanks and associated piping, a gasoline pumphouse (Building 85), and the service station (Building 330). A full-scale treatment system, including air sparging and soil vapor extraction installed in the area of the former USTs, has been dismantled. A soil cleanup action, including large-scale soil excavation, has been completed at Site 14/22. Dioxin-contaminated soil detected in EBS Parcel T076 within the boundary of Site 14/22 was removed as part of the petroleum excavation. The dioxin-contaminated soil was removed up until the boundary of CERCLA Site 10.

7.3.3.2 Compliance Program Status and Strategy

Compliance at NAVSTA TI is coordinated with environmental restoration under the CERCLA or the petroleum programs. Compliance involves USTs, fuel lines, ASTs, OWSs, MEC, pesticides, hazardous materials/waste management, solid waste management, PCBs, asbestos, LBP, radon, radioactive contaminants, utilities, and other locations of concern. RCRA is also an issue of concern in the compliance program. The status of compliance programs at NAVSTA TI for the TI Core Transfer Parcel is presented in this section.

7.3.3.2.1 Underground Storage Tanks

Ten USTs are known, suspected, or previously suspected in the TI Core Transfer Parcel. USTs 85, 330A, 330B, 330E, and 330F have been removed, and cleanup action is ongoing in association with Petroleum Site 14/22. UST 201 was closed in place and received regulatory closure (Water Board 2004b). USTs 257, 330C, and 330D have been removed and received regulatory closure (Water Board 1996, 1997). UST FF8 is a previously suspected tank that received regulatory concurrence for NFA because the tank was not found (Water Board 2003e).

7.3.3.2.2 Fuel Lines

Four fuel pipeline sites are in the TI Core Transfer Parcel. The Navy received Water Board concurrence with NFA for Pipeline Sites D1A, D4A, and D4B (Water Board 2004a). The Water Board has requested additional investigation at Pipeline Site F2B, however. In addition, Pipeline Sites D1A underwent further investigation for PAHs at the request of DTSC. All results from the investigation were below the screening criteria, and the Navy requested NFA at the site for the PAH issue.

7.3.3.2.3 Aboveground Storage Tanks

Eighteen ASTs are located in the TI Core Transfer Parcel and are listed in Table 6-8. The following ASTs are associated with petroleum site 14/22: 4, 5, 456, 6A-6G and 691. ASTs 4, 5, and 456 have been removed. ASTs 6A-6G have been cleaned and are inactive (Navy 1999). AST 691, referred to as AST 672 in the petroleum CAP, is a three thousand gallon split tank; the 2000 gallon gasoline side is inactive, while the 1,000 gallon diesel tank is active and leased to the CCSF Fire Department. Spills and stains associated with the operation of the inactive and removed tanks have been addressed as part of petroleum site 14/22 for which the closure report is being written. AST 672 is 500 gallon tank that provides fuel to an emergency backup generator associated with the New Brig, which is located across the street from petroleum site 14/22. This tank was mentioned in the petroleum CAP and referred to as the "Brig" tank. ASTs FF1-FF3 are currently active and used for the storage of propane for the fire training school. The tanks have historically been referred to as PP1-PP3, and 618A-E, although tanks 618D-618E appear to be equipment associated with the distribution of the propane to the school, and not ASTs. AST FF1 is within the site boundary for Site D1A. A hydraulic fluid tank, AST 572, associated with the training building, has been removed. AST 540, a former diesel tank that formerly fed the backup generator for the boiler located in Building 540, was cleaned and inactive before the parcel was leased to TIDA, as the closure document referenced in Table 6-8 indicates. AST 202, reportedly attached to a laundry facility, is an inactive water tank.

7.3.3.2.4 Oil-Water Separators

No known or suspected OWSs are located in the TI Core Transfer Parcel.

7.3.3.2.5 Munitions Response Program

One MEC storage location was identified in EBS Parcel T092 during previous environmental investigations. No closeout was required for the MEC site.

7.3.3.2.6 Pesticides

The Navy applied registered pesticides at TI Core Transfer Parcel in a manner consistent with the manufacturer's instructions and in accordance with the Navy's established pesticide management program, pursuant to applicable laws and regulations. Pesticides were used at the TI Core Transfer Parcel for ordinary and routine application in a manner consistent with standards for registered application for residential areas. The pesticide issue was recommended for NFA (ERM-West 1995a).

7.3.3.2.7 Hazardous Materials/Waste Management

According to previous environmental investigations, 32 hazardous material storage areas were formerly located in the TI Core Transfer Parcel. None of the previously identified chemical storage locations required closure action. SEBS personnel observed herbicides and cleaning solvents in Building 455 and germicides in Building 670 during the 2004 VSIs. The Navy CSO was notified of the hazardous material storage. In addition, Mr. Vic Zerzynski of the PUC reported approximately six old drums and various old cans of oil and paint related-materials under the roof of Building 216 (the recreational vehicle storage area) in EBS Parcel T071 (Tetra Tech 2004m). According to Mr. Zerzynski, the materials belong to the Navy, and Mr. Michael Mentink, Navy CSO, is currently disposing of the materials. SEBS personnel did not observe any spills, stains, or releases in association with the hazardous materials stored in Building 215, 455, or 670 during the 2004 VSIs.

7.3.3.2.8 Polychlorinated Biphenyls

A total of 62 PCB investigation sites are in the TI Core Transfer Parcel (Table 6-14). In all, 60 of the 62 PCB investigation sites have been investigated and remediated (if necessary) under TSCA rules and guidelines. Two indoor sites, TX-127 (EBS Parcel T081) and TX-147 (EBS Parcel T091), exceeded the high-occupancy criterion of 1 mg/kg (SULLIVAN and Tetra Tech 2004). The Navy will clean up these two PCB sites before or after transfer under the TSCA self-implementing cleanup protocol outlined in 40 CFR 761.61 (SULLIVAN and Tetra Tech 2004). However, the two PCB sites have been categorized as ECP 4 in anticipation that the self-implementing cleanup will be completed. This decision is based on strategies discussed at BCT meetings to categorize EBS parcels as transferable that contain these PCB sites.

7.3.3.2.9 Asbestos-Containing Material

ACM surveys were conducted for most buildings located in the TI Core Transfer Parcel, and no further ACM investigations were recommended. In 2002, ACM located in the crawl spaces of Buildings 215, 217, and 257 was made inaccessible and ACM signs were posted (Mendalian Construction, Inc. 2002). During the 2004 VSIs, SEBS personnel did not observe any damaged, accessible, friable ACM in the TI Core Transfer Parcel.

7.3.3.2.10 Resource Conservation and Recovery Act Facilities

The Navy does not and never did operate a RCRA permitted or interim status facility at NAVSTA TI.

7.3.3.2.11 Lead-Based Paint and Asbestos-Containing Material

Before 1978, the use of LBP was common throughout the United States, including at military installations. DoD policy to survey LBP hazards is primarily applied to residential structures built before 1978.

Most buildings in the TI Core Transfer Parcel were constructed before 1978. Previous environmental investigations have found 193 LBP issues in each of the EBS parcels in the transfer parcel. SEBS personnel found LBP hazards throughout the interiors and exteriors of most buildings within the transfer parcel, with flaking paint ranging from minor to medium in severity. SEBS personnel observed exterior flaking LBP on Buildings 258, 29, 99, 107, 107, 230, 341, 261-B, and 202 during the 2004 VSIs.

LBP inspections and abatement are not required on the property because residential reuse will not occur in the TI Core Transfer Parcel (SWDIV 2003); however, additional action would be required if residential use were to occur on the transfer parcel.

7.3.3.2.12 Radon

A radon survey was conducted in 1991 for buildings located in each of the EBS parcels in the TI Core Transfer Parcel. Safe levels were found for each EBS parcel. For the radon issue, the Navy has categorized each EBS parcel in the TI Core Transfer Parcel as ECP-1, areas where no release or disposal of hazardous substances or petroleum products has occurred (including no migration of these substances from adjacent areas).

7.3.3.2.13 Radioactive Contaminants

The Navy conducted a basewide HRA at NAVSTA TI. This assessment consisted of a review of historical records and interviews. Based on the results of this assessment, no radiation-contaminated sites were identified within the TI Core Transfer Parcel (BCT 2005a, Navy 2005a).

7.3.3.2.14 Utilities

Underground sanitary, sewer, and steam lines are located throughout the TI Core Transfer Parcel. Other utilities identified on Parcel T056 include water and electrical lines and overhead electrical distribution lines. Potentially contaminated storm sewer lines were suspected beneath a significant number of EBS parcels in the transfer parcel. Contamination of the utilities was likely from upstream sources, including potential metals and TPH in EBS Parcel T086. However, based on previous investigations, storm sewer lines at these parcels are no longer an issue of potential concern at the TI Core Transfer Parcel (Tetra Tech 2001c).

7.3.3.2.15 Other Locations of Concern

Other locations of concern were identified in areas that are not within the CERCLA or petroleum programs or any of the compliance programs. Table 6-9 lists other locations of concern. Figure 6-4 shows the other locations of concern currently scheduled for investigation, and others as part of ongoing work under existing CERCLA or petroleum sites. Other locations of concern include issues such as:

- Spills or stains identified during previous investigations and the 2004 SEBS VSIs
- Potential historical adverse use
- Potential lead contamination that did not result from LBP
- Other miscellaneous issues raised by the 1995 EBS or by members of the BCT

Thirty-two spills and stains were identified during previous environmental investigations. Each spill and stain identified previously was closed out or identified as only a petroleum issue. The 2004 SEBS VSIs for the TI Core Transfer Parcel identified nine new spills and stains. Spills and stains were observed in Buildings 99, 201, 202, 230, 258, 342, 379, 455, and 458 (Appendix B, Photographs B-12 through B-20). Each new stain was found inside a building, with no evidence of a release to the environment; therefore, no spills and stains were identified as CERCLA releases. Mr. James Sullivan of Navy BRAC PMO West mentioned an investigation of a buried drum in EBS Parcel T086 (Tetra Tech 2004f). According to Mr. Sullivan, a small puddle of viscous black liquid was observed on the ground surface at EBS Parcel T086 on February 14, 2002. Following Navy direction, Shaw Environmental, Inc., conducted an expedited removal action and removed a buried 55-gallon drum that contained a liquid petroleum product along with approximately 3 cubic yards of soil from the southeastern portion of EBS Parcel T086 (ITSI 2003). The Water Board concurred with the Navy's recommendation for NFA in EBS Parcel T086 (Water Board 2003c). Additionally, Michael Mentink, compliance manager for the TI CSO, noted a spill inside Building 570, in EBS Parcel T080 (Tetra Tech 2004e). Tetra Tech and Shaw currently occupy Building 570 as field offices. The spill was 5 gallons of nitric acid solution and occurred in August 1998. The spill was on the floor of the building only and was immediately cleaned up. According to Mr. Mentink, no CERCLA release to the environment occurred.

Potential adverse historical uses include a carpentry and hobby shop and photograph laboratory located in EBS Parcel T071; the water line replacement area in EBS Parcel T081; a morgue

and machine shop located in Building 264; and machine shops in EBS Parcel T120 (Table 6-9). No evidence of significant release was found in the hobby shop located in Building 215, EBS Parcel T071, during a BCT site walk on March 22, 2002, and no closure action was required (BCT 2002d). In 2004, the Navy conducted a data gaps investigation of 13 areas the BCT identified to supplement the EBS and petroleum program at NAVSTA TI (Shaw 2005). EBS Parcel T081 (the Water Line Replacement Area) was identified as data gap investigative areas. Two exploratory trenches were excavated and soil samples were collected for analysis to evaluate whether debris associated with the historical Water Line Replacement Area contaminated the parcel. No burned debris or detections above the SSC were found in the trenches in EBS Parcel T081 (Shaw 2005). As a result, the Navy recommended no further investigation for EBS Parcel T081. Building 264 (EBS Parcel 106) was historically used as a morgue and a machine shop. A small stain was observed on the floor. A 1995 BCT site walk indicated that no sampling was warranted. The May 2002 BCT site walk found no evidence of release, and no further action was required (BCT 2002d). Historically, EBS Parcel 120 contained machine shops. According to the 1995 EBS, the potential historical adverse use did not warrant further investigation (ERM-West 1995a).

T089/T090 (Former Buildings 195 and 222), and T092 (Building 257) were also identified as data gap investigation areas. EBS Parcels T089/T090 were identified for further investigation based on possible soil staining. Two trenches were excavated in areas of suspected soil staining to assess the area for the presence chemicals of potential concern. No visible evidence of soil staining or debris was found in the trenches, and the soil analytical results were at concentrations below the SSC (Shaw 2005). EBS Parcel T092 was identified for investigation to assess whether it was used at one time as a skeet range. Fifteen exploratory trenches were excavated around Building 257. No lead shot or fragments of clay pigeon were visually observed in sieved samples. Suspected burned material was analyzed for dioxin. No dioxins were reported at concentrations above the screening criterion (Shaw 2005). The BCT concurred that no further investigation was required for EBS Parcels T089, T090, and T092 (Shaw 2005).

CEC is a Caltrans contractor for Bay Bridge maintenance and is a tenant at NAVSTA TI. CEC sublet parcel T091 to RPI, including AST 540, a 15,000-gallon tank that was formerly cleaned and inactive. RPI used AST 540 for fueling vehicles; several spills of diesel onto the soil occurred during operations. It appears that AST 540 is located on a concrete pad and bermed on all sides. In addition, RPI stored paint debris from surface preparation of the bridge in parcel T091. At the end of RPI's sublease, diesel was detected in soils surrounding AST 540, and elevated levels of lead, zinc, and copper were discovered in soils. After discussions among the Navy, DTSC, and Geomatrix on February 15, 2005, it was decided that two outstanding petroleum hydrocarbon issues would need to be resolved before an NFA agreement could be reached: (1) TPH concentrations in shallow soil (Paint Storage Area) above environmental screening levels (ESL), and (2) petroleum contamination in groundwater in the vicinity of a removed OWS. Toxichem Management Systems Inc. (Toxichem) was contracted to conduct the investigation. The samples collected near the paint storage area did not contain PAHs, PCBs, or pesticides. Concentrations of TPH as motor oil (mo) were detected ranging from 2,100 to 3,100 mg/kg. CEC sprayed PennzSuppressD at the site in 2000 to suppress dust and stabilize the aggregate (Toxichem 2005). CEC installed and removed an OWS. One sample collected near the removed OWS exceeded the ESL, which was attributed to pieces of asphalt in the fill observed within the sample

(Toxichem 2005). The extent of TPH-mo contamination in groundwater in the vicinity of the removed OWS was sufficiently delineated with a maximum concentration of 730 micrograms per liter (µg/L). Toxichem stated that the RPI area has been adequately delineated and that no further action was warranted. DTSC and the Water Board indicated at the February 15, 2005, meeting that they concurred with CEC's NFA recommendation and would provide closure letters on this area. Based on concerns from DTSC the Navy will restrict beneficial uses of groundwater at Parcel T091 (DTSC 2005b).

The releases of diesel and metals are a result of operations RPI conducted at the site. RPI undertook remedial activities to remove contaminated soils under the direction of DTSC, including vacuuming the affected surface area. Confirmation sampling for lead, zinc, and copper did not detect elevated levels. Soils with diesel contamination remain in place beneath the AST. Further sampling in the vicinity demonstrated that low levels of benzene, toluene, ethylbenzene, and xylene remained in groundwater. The Navy closed the site (including AST 540). However, the tenant later re-opened AST 540; the tenant is responsible for closure of AST 540 as a condition of terminating the lease.

7.3.3.3 Notification Issues

When property is transferred, transfer documents will include notification for locations of monitoring and remediation wells (discussed in Section 7.3.3.3.1), and for hazardous substances, ACM, LBP, and PCBs (discussed in Section 7.3.3.2).

7.3.3.3.1 Monitoring and Remediation Wells

Notification is required for the EBS parcels that contain monitoring or remediation wells. Wells include groundwater monitoring wells, groundwater extraction wells, air-sparging wells, and soil-vapor extraction wells. Notification will include the status (active or abandoned) of the wells. Locations of the wells are shown on Figure 6-6. EBS parcels that contain wells are listed on Table 6-18.

7.3.3.3.2 Hazardous Substances Notification

A table that lists the hazardous substances that require notification under CERCLA 120(h) will be included in the transfer document when property is transferred out of the Navy's control. Most available information on hazardous substances is derived from the 1995 EBS. The exception is more recent information on hazardous substances from current tenants. See Section 6.3.2 for more details.

7.3.3.4 EBS Parcel ECP Types

The Navy assigned each parcel an ECP type after the various issues affecting the EBS parcels wholly or partially in the TI Core Transfer Parcel had been reviewed. The following is a summary of the ECP types assigned to each of the EBS Parcels:

- **ECP 1 Parcels**—areas where no release or disposal of hazardous substances or petroleum products has occurred (including no migration of these substances from adjacent areas). EBS Parcels T040 (the portion located within the TI Core Transfer Parcel), T051, T064, T071-T073, T077, T078, T082, T083, T085, T087 (the portion located within the TI Core Transfer Parcel), T088, T089 (the portion located within the TI Core Transfer Parcel), T090, and T106 (the portion located within the TI Core Transfer Parcel) are proposed for ECP 1.

- **ECP 2 Parcels**—areas where only release or disposal of petroleum products has occurred. EBS Parcels T041 (the portion located within the TI Core Transfer Parcel), T042 (the portion located within the TI Core Transfer Parcel), T048 (the portion within the TI Core Transfer Parcel), T049 (the portion within the TI Core Transfer Parcel), T052, T054, T055 (the portion located within the TI Core Transfer Parcel), T056 (the portion located within the TI Core Transfer Parcel), T062, T063, T068, T070, T074, T086, and T120 are proposed for ECP 2.

- **ECP 3 Parcels**—areas where release, disposal, and/or migration of hazardous substances has occurred but at concentrations that do not require a removal or remedial action. EBS Parcels T053, T059 (the portion located within the TI Core Transfer Parcel), T061, T079, T080, T084, and T093 are proposed for ECP 3.

- **ECP 4 Parcels**—areas where release, disposal, and/or migration of hazardous substances has occurred and all remedial actions necessary to protect human health and the environment have been taken. EBS parcels T076, T081, and T091 are proposed for ECP 4.

- **ECP 5 Parcels**—areas where release, disposal, and/or migration of hazardous substances has occurred, and removal or remedial actions are under way but all required remedial actions have not yet been taken. No EBS parcels located within the transfer parcel are proposed for ECP 5.

- **ECP 6 Parcels**—areas where release, disposal, and/or migration of hazardous substances has occurred but required actions have not yet been implemented. No EBS parcels located within the transfer parcel are proposed for ECP 6.

- **ECP 7 Parcels**—areas that are not evaluated or require additional evaluation. No EBS parcels located within the transfer parcel are proposed for ECP 7.

7.3.4 Yerba Buena Island Transfer Parcel

The following sections describe the environmental condition of the YBI Transfer Parcel and provide the ECP types assigned to the EBS parcels that make up the YBI Transfer Parcel (Figures 1-2 and 7-1). Section 4.0 discusses in detail the EBS parcels that constitute the YBI Transfer Parcel, as well as the past, present, and future land uses of the transfer parcel.

7.3.4.1 Installation Restoration Program

This section discusses the status of the CERCLA and petroleum programs for the YBI Transfer Parcel.

7.3.4.1.1 CERCLA Program Status

Three IR Sites are partially within the YBI Transfer Parcel: IR Site 18 (EBS Parcel YB018), Site 23 (EBS Parcel YB003) and Site 29 (EBS Parcels YB016 and YB017). In addition, three IR sites are adjacent (within 0.25 mile from the transfer parcel): IR Site 08 (EBS Parcel YB024), IR Site 11 (EBS Parcel YB025), and IR Site 28 (EBS Parcel YB001 and YB010).

IR Site 08, the Army Point Sludge disposal area, was used for 8 years (1968 through 1976) for disposal of sludge from the wastewater treatment plant on TI (Figure 6-1). Waste sludge was transported from the WWTP and was spread on the ground between the foundations of former buildings at Site 8 to dewater the sludge, similar to Site 07. The final disposition of the sludge is not known; the dried sludge may have been allowed to decay in place or may have been removed. Given the shallow depth of sandstone and shale bedrock at the site, on-site burial is unlikely. The surface soil on the site is subject to possible contamination by lead and other metals as a result of vehicle emissions from the Bay Bridge and ramp painting and maintenance. Other contaminants of concern are pesticides. Caltrans has been collecting data during pre-excavation and post-excavation phases of bridge construction from 2001 through 2004. An RI report will be prepared for IR Sites 08, 28, and 29, including data collected by Caltrans during pre-excavation and post-excavation. Based on the approximate distance of the transfer parcel from the Bay Bridge (150 to 200 feet), wastewater sludge, lead paint, and vehicle emissions are not believed to have affected the YBI Transfer Parcel.

IR Site 11, the YBI Landfill, is located in the FHWA fee and USCG area (Figure 1-2 and 6-1). The site was identified as a dump in 1935. Buried debris was observed during a site visit in 1994, indicating that landfilling had occurred in the area. Further trenching in March 2002 revealed construction and metal debris. Additional sources of contamination include five USTs and a fuel pipeline. USTs 270 and 204A through 204D were removed (Water Board 2004b, 2004h) (Table 6-6). The USTs and fuel pipeline are being investigated under the petroleum program. Contaminants of concern include TPH, PAH, VOCs, and metals. Based on the latest results for groundwater monitoring, the direction of groundwater flow at the site is generally southeast, toward the shoreline and away from the transfer parcel (Tetra Tech 2004a).

IR Site 18, Asbestos Covered Piping, and IR Site 23, YBI Line Break, were removed from consideration for further action after they were initially identified during the PA/SI (Dames and Moore 1988). It was reported that early in the 1980s a landslide on YBI exposed piping insulated with asbestos. No information was found to confirm this report, however. Any asbestos is currently buried with the lines and the possibility that the lines will be damaged or exposed during routine maintenance is low, given the nature of operations at YBI; therefore Site 18 was not recommended for further action (Dames and Moore 1988). A landslide on YBI in the 1980s also reportedly ruptured a pipeline that transported oil. As a result of the steep topography and the mechanism of landslide movement, the aerial distribution of product is presumed high and the concentration of released product low. Therefore, Site 23 was not

recommended for further action (Dames and Moore 1988). Based on the findings and recommendations of the PA/SI, Sites 18 and 23 are not expected to pose a threat to soil or groundwater on the transfer parcel.

IR Sites 28 and 29 consist of the west-side and east-side on- and off-ramps (Figure 6-1). The on- and off-ramps on YBI have been in operation since the Bay Bridge was constructed in 1936. The Navy is responsible for maintaining the on- and off–ramps, and Caltrans is responsible for maintaining the Bay Bridge. Most areas identified as Sites 28 and 29, except for the on- and off-ramps, are unpaved and are covered by grass or brush. Contamination in soil is possible from lead and other metals as a result of vehicle emissions and ramp and bridge painting and maintenance. The latest investigation for lead in soil at Site 28 occurred in 1995. Based on the results, the BCT concurred with the Navy's assertion that no further investigation was required because the results were sufficient to define the extent of the known lead contamination problem related to the bridge. The Navy last sampled Site 29 in 2002. Fifteen surface soil samples were collected and analyzed for lead. The concentrations of lead in surface soils at IR site 29 ranged from 4.0 mg/kg to 4,410.0 mg/kg. Many sample locations exhibiting elevated concentrations of lead (exceeding 400 mg/kg) in surface soils were either directly under, or immediately adjacent to, the San Francisco-Oakland Bay Bridge. This impact was most evident near the YBI tunnel entrance, where the roadway is closer to the ground surface. The Navy asserts that the extent of known lead contamination has been adequately defined and has not affected the YBI Transfer Parcel based on the relative distance of sample locations.

IR Sites 18, 23, 29 and adjacent IR Sites 08 11, and 28 do not pose a threat to soil or groundwater located in the YBI Transfer Parcel because the contaminants of concern impact soils only; based on the approximate distance from the transfer parcel; because of the direction of the groundwater flow relative to the location of the transfer parcel; or because they were removed from consideration as IR program sites.

7.3.4.1.2 Petroleum Program Status

One petroleum program site is located in the YBI Transfer Parcel (Figure 6-2). The final closure report for Site 16 was submitted on May 12, 2004, and requested NFA for the site. The Navy received NFA concurrence from the Water Board on June 17, 2004 (Water Board 2004e).

7.3.4.2 Compliance Program Status and Strategy

Compliance at NAVSTA TI is coordinated with environmental restoration under the CERCLA or the petroleum program. Compliance involves USTs, fuel lines, ASTs, OWSs, MEC, pesticides, hazardous materials/waste management, solid waste management, PCBs, asbestos, LBP, radon, radioactive contaminants, utilities, and other locations of concern. RCRA is also an issue of concern in the compliance program. The status of compliance programs at NAVSTA TI for the YBI Transfer Parcel is presented in this section.

7.3.4.2.1 Underground Storage Tanks

Eighteen known, suspected, or previously suspected USTs were or are present on the YBI Transfer Parcel. USTs 1-7, 10, 62, 66, 111, 169, and 240 have been closed in place and received regulatory NFA concurrence (Water Board 1996, 1997, 2002b, and 2002c). UST 57 has been closed in place and received regulatory NFA concurrence (Water Board 2003d). USTs 213 and 262 were suspected tanks that did not exist and received NFA regulatory concurrence (Water Board 2003e). USTs 221 and 230 are tanks that are suspected of having been removed and received regulatory NFA concurrence (Water Board 2004h).

7.3.4.2.2 Fuel Lines

Three fuel pipeline sites are located wholly or partially in the YBI Transfer Parcel. The Navy completed the closure report and requested NFA via the pipeline CAP for Site YF1 (Tetra Tech 2003c). The Navy received the Water Board's NFA letter on February 10, 2004 (Water Board 2004a). However, the DTSC requested further investigation for PAHs at YF1, and the site was included in the data gaps investigation (Shaw 2005). The Navy recommended no further investigation for the site based on data collected during the data gaps investigation, which were all determined to be below the screening criteria (Shaw 2005). The Navy completed a post-construction summary report for actions at Site YF2 on June 2, 2004, and requested NFA. The Navy received a letter from the Water Board in June 2004 concurring that NFA was necessary for PAHs in shallow soil based on the Shaw post-construction summary report (Water Board 2004g). The Causeway Pipeline Site received Water Board concurrence for NFA in a letter dated March 11, 2003 (Water Board 2003a). The Navy will investigate Site YF3 when Caltrans has completed construction of the eastern span of the Bay Bridge. Closure of site YF3 is awaiting completion of the Navy investigation.

7.3.4.2.3 Aboveground Storage Tanks

ASTs are located in the following EBS Parcels: YB002, YB004, YB011, YB014, YB015, YB017, YB019, YB020, YB025, and YB026. The following ASTs, which all contain water, are active: 162T, 227, and 242T. The following ASTs have been removed: AST 66, 117, 118A, 213, 214, 230, 241, and 2T0. ASTs 169 and 170 have been abandoned in place. Ten ASTs, collectively referred to as ASTs 181, were part of Petroleum Program Site 16, which received regulatory closure (including the ASTs) from the Water Board (Water Board 2004e).

7.3.4.2.4 Oil-Water Separators

No known or suspected oil-water separators are located within the YBI Transfer Parcel.

7.3.4.2.5 Munitions Response Program

EBS Parcels YB003 and YB020 have been identified as MEC areas. A pistol range and small arms target range was located along the north slope of YB003. Pistol firing is believed to have been directed along the slopes of the hills rather than into them. Building 92 in YB020 was a small arms magazine until it was demolished in 1961. Analytical results for both YB003 and YB020 indicate that lead was detected above its YBI background level, but below its EPA

residential preliminary remediation goals. The lead issue associated with suspected MEC received regulatory closure (Tetra Tech and U&A 1999a).

7.3.4.2.6 Pesticides

The Navy applied registered pesticides at the YBI Transfer Parcel in a manner consistent with the manufacturer's instructions and in accordance with the Navy's established pesticide management program, pursuant to applicable laws and regulations. Pesticides were used at the YBI Transfer Parcel for ordinary and routine application in a manner consistent with standards for registered application for residential areas. The pesticide issue was recommended for NFA (ERM-West 1995a).

7.3.4.2.7 Hazardous Materials/Waste Management

Hazardous materials were at one time stored in EBS Parcels YB006, YB009, YB014, YB017, YB019, YB022, and YB023. SEBS personnel did not identify any stored hazardous materials or evidence of releases to the environment related to the formerly stored hazardous materials during the 2004 VSI.

7.3.4.2.8 Polychlorinated Biphenyls

A total of 61 PCB investigation sites are in the YBI Transfer Parcel. In 2004 the Navy sampled all known PCB locations in the YBI Transfer Parcel; the results are summarized in Table 6-14. Detections exceeded the high-occupancy criterion (1 ppm) at two sampling locations in the YBI Transfer Parcel, 6585265 in EBS Parcel YB015 and TX-252 in EBS Parcel YB019. However, the two sampling locations on YBI are located in transformer vaults and meet the criteria for low-occupancy areas. The analytical results are below the criterion for low occupancy as defined by TSCA. Buildings 27 and 5 are PCB sites where no closure action was required (SULLIVAN and Tetra Tech 2004).

7.3.4.2.9 Asbestos-Containing Material

An asbestos survey was conducted for all buildings located in the YBI Transfer Parcel (see Section 6.2, Table 6-15). In 2002, Mendalian Construction, Inc. abated and removed ACM from the basements and encapsulated ACM in crawl spaces located in Quarters 1, 3, and 4 through 7 (Mendalian Construction, Inc. 2002). SEBS personnel did not report any damaged, exposed, or accessible friable ACM in the transfer parcel during the 2004 VSIs.

7.3.4.2.10 Resource Conservation and Recovery Act Facilities

The Navy does not and never did operate a RCRA-permitted or interim-status facility at NAVSTA TI.

7.3.4.2.11 Lead-Based Paint

Before 1978, the use of LBP was common throughout the United States, including at military installations; therefore, LBP could have been used on each of the buildings in the parcel. DoD

policy to survey for LBP hazards is primarily applied to residential structures built before 1978. All buildings constructed in the YBI Transfer Parcel were constructed before 1978. A total of 162 lead-based paint sites are located in the YBI Transfer Parcel. Tables 6-16 and 6-17 provide a summary of LBP issues for residential and non-residential buildings. SEBS personnel found LBP hazards throughout the interior and exterior of most building units within the transfer parcel, with flaking paint ranging from minor to medium in severity (Appendix B, Photographs B-3 and B-4). All pre-1978 residential housing buildings located on YBI have been reevaluated per HUD guidelines (ITSI 2004).

The soil at Quarters 1 through 7 (EBS Parcel YB009) has been assessed in accordance with HUD and DoD/EPA requirements (Shaw 2004e). Initial site assessment and abatement of LBP in soil at Quarter 10 will be expedited. These guidelines state that only bare soils may pose a hazard, while soils covered by grass, concrete, or asphalt are protective. The Navy will not clean up lead in soil from LBP at residential structures under building foundations, concrete, or asphalt, but will address soil beneath softscape, such as grass and other vegetative groundcover.

Before the target housing area is transferable, the following must occur, pursuant to the final rule (64 Federal Registry 50140) implementing Section 1013 of Title X, 24 CFR 35:

- LBP inspections and risk assessments must be performed for all target housing before it can be sold or transferred.
- Risk assessments must be completed within 12 months of the date of transfer, and any abatement required must occur no later than 12 months after the risk assessment is complete.
- The transferee may assume responsibility for abatement through the transfer agreement.

The term "target housing" means any housing constructed before 1978, except housing for the elderly or persons with disabilities. (But the term does apply if any child younger than 6 years of age resides or is expected to reside in such housing for the elderly or persons with disabilities.) The term "target housing" also does not apply to any zero-bedroom dwelling. In the case of jurisdictions that banned the sale or use of LBP before 1978, the Secretary of HUD, at the Secretary's discretion, may designate an earlier date.

7.3.4.2.12 Radon

The screening phase of the Navy radon assessment and mitigation program began in 1989. The Navy radon assessment and mitigation program consists of: (1) an initial screening phase to identify housing projects, school and childcare facilities, barracks, hospitals, and brigs where radon levels are elevated; (2) a detailed assessment to collect samples from buildings where elevated levels of radon gas are found during the initial screening; and (3) a mitigation phase for corrective actions in buildings where radon levels are elevated. The Navy screened six representative locations at NAVSTA TI for radon in 1991. Concentrations ranged from below the detection limit (0.5 pCi/L) at four locations to 0.6 pCi/L. No radon was detected at

concentrations that exceeded the EPA radon action level of 4 pCi/L; therefore, no further action was required.

7.3.4.2.13 Radiological Activities

The Navy conducted a basewide HRA at NAVSTA TI. This assessment consisted of a review of historical records and interviews. Based on the results of this assessment, no radiation contaminated sites were identified within the YBI Transfer Parcel (BCT 2005a, Navy 2005a).

7.3.4.2.14 Utilities

Underground storm and sanitary sewer lines run throughout YBI, particularly in the housing areas. Potentially contaminated storm sewer lines are present beneath the EBS Parcel YB024, possibly contaminated from upstream sources. However, based on results from previous investigations, storm sewer lines at EBS parcel YB024 are no longer an issue of potential concern at this transfer parcel (Tetra Tech 2001c).

7.3.4.2.15 Other Locations of Concern

Other locations of concern were identified in areas that are not within the CERCLA or petroleum programs, or any of the compliance programs. Table 6-9 lists other locations of concern. Figure 6-4 shows those other locations of concern currently scheduled for investigation, and others as part of ongoing work under existing CERCLA or petroleum sites. Other locations of concern include issues such as:

- Spills or stains identified during previous investigations and the 2004 SEBS VSIs
- Potential historical adverse use
- Potential lead contamination that did not result from LBP
- Other miscellaneous issues raised by the 1995 EBS or by members of the BCT

Evidence of five pre-existing spills and stains is in the YBI Transfer Parcel (Table 6-3). The five spills and stains identified previously in Buildings 200, 221, 213, and EBS Parcel YB015 (one spill and one stain) have received regulatory closeout (see Table 6-9 for references to closure documents). SEBS personnel reported a stain inside a basement storage room located in Building 240 (Appendix B, Photograph B-5) and another located inside of Quarters 7 during the 2004 VSIs (Appendix B, Photograph B-7). Both spills are believed to have involved water, and neither showed evidence of release to the environment. No further action is required for either of the new stains reported.

Potential historical areas of adverse use located on the transfer parcel include Building T77 (automobile pit); Building 122 (transformer station); Building 253 (machine shop) in EBS Parcel YB020; and railroad tracks running through EBS Parcel YB024 (Table 6-9). The 1995 EBS did not indicate that the potential historical adverse use in EBS Parcel YB020 warranted further investigation. The 1995 EBS did not recommend further investigation of the railroad tracks in EBS Parcel YB024.

Caltrans uncovered debris that contained dry cell batteries located in EBS Parcel YB022 during excavation of a utility trench in 2002. The area is referred to as the Battery Site. As part of the data gaps investigation, the Navy further characterized YB022 to assess the extent of chemicals of potential concern. The area will undergo further investigation after the Caltrans Bay Bridge construction is completed (Shaw 2005). This area has been removed from the YBI Transfer Parcel (see Figures 1-2 and 6-4).

7.3.4.3 Notification Issues

When property is transferred, transfer documents will include notification for locations of monitoring and remediation wells (discussed in Section 7.3.4.3.1) and hazardous substances, ACM, LBP, and PCBs (discussed in Section 7.3.4.2).

7.3.4.3.1 Monitoring and Remediation Wells

Notification is required for the EBS parcels that contain monitoring or remediation wells. Wells include groundwater monitoring wells, groundwater extraction wells, air-sparging wells, and soil-vapor extraction wells. Notification will include the status (active or abandoned) of the wells. Locations of the wells are shown on Figure 6-6. Caltrans recently abandoned wells on YBI and removed wells related to Site 11. EBS parcels that contain wells are listed on Table 6-18.

7.3.4.3.2 Hazardous Substances Notification

A table that lists the hazardous substances that require notification under CERCLA 120(h) will be included in the transfer document when property is transferred out of the Navy's control. Most available information regarding hazardous substances is derived from the 1995 EBS. The exception is more recent information on hazardous substances from current tenants. See Section 6.3.2 for more details.

7.3.4.4 EBS Parcel ECP Types

The Navy assigned each an ECP type after the various issues affecting the EBS parcels wholly or partially in the YBI Transfer Parcel had been reviewed. The following is a summary of the ECP types assigned to each EBS Parcel:

- **ECP 1 Parcels—**areas where no release or disposal of hazardous substances or petroleum products has occurred (including no migration of these substances from adjacent areas). EBS Parcels YB005, YB006, YB009, YB014, YB023 (the portion located within the YBI Transfer Parcel), and YB024 (the portion located within the YBI Transfer Parcel), located within the transfer parcel, are proposed for ECP 1.

- **ECP 2 Parcels—**areas where only release or disposal of petroleum products has occurred. EBS parcels YB001 (the portion located within the YBI Transfer Parcel), YB002, YB008, YB012, YB013, YB018 (the portion located within the YBI Transfer Parcel), YB020, and YB021, located within the transfer parcel, are proposed for ECP 2.

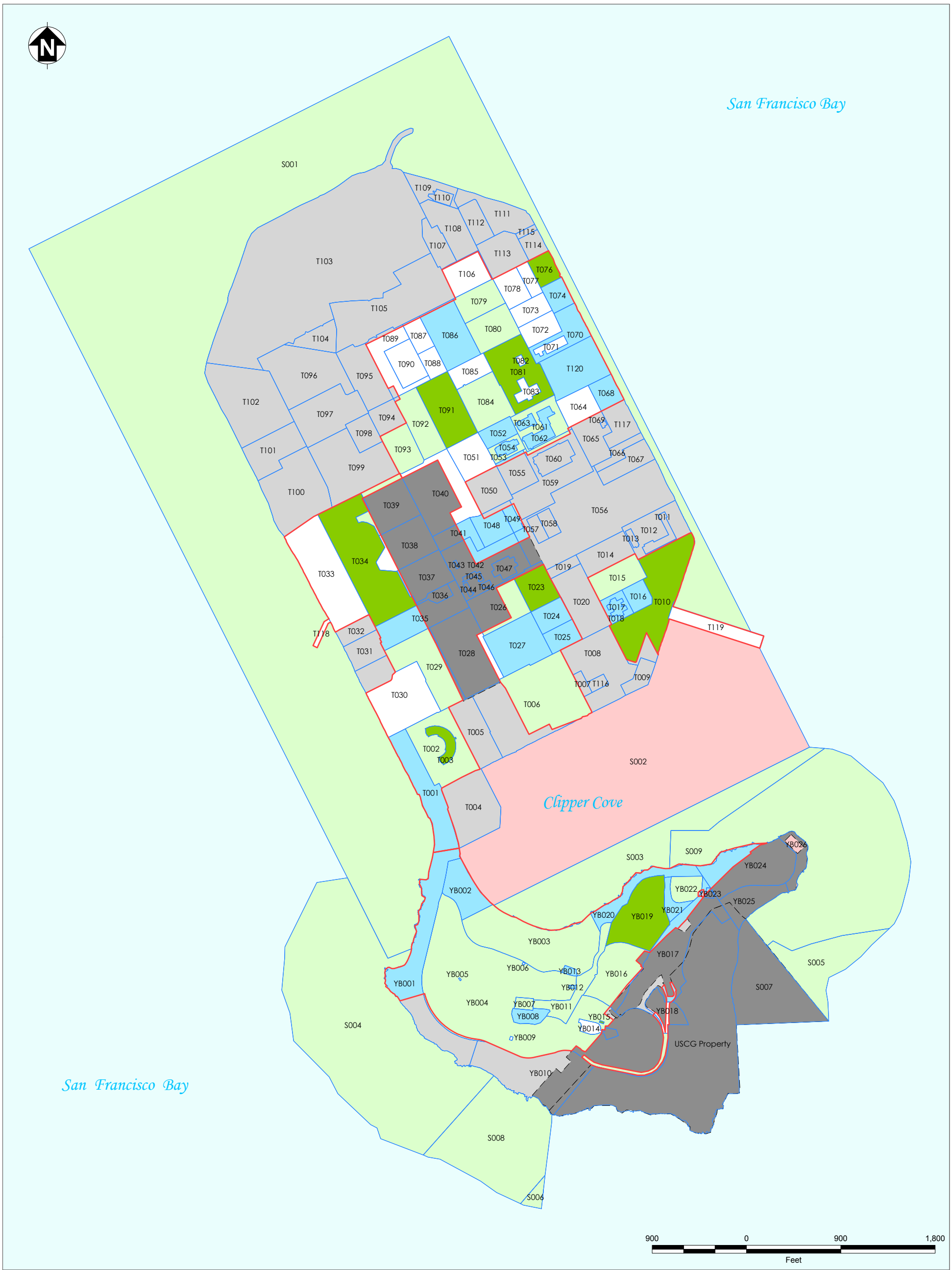
- **ECP 3 Parcels—**areas where release, disposal, and/or migration of hazardous substances has occurred but at concentrations that do not require a removal or remedial action. EBS Parcels YB003, YB004, YB007, YB011, YB016, YB017 (the portion located within the YBI Transfer Parcel), YB019, and YB022, located within the transfer parcel, are proposed for ECP 3.

- **ECP 4 Parcels—**areas where release, disposal, and/or migration of hazardous substances has occurred and all remedial actions necessary to protect human health and the environment have been taken. EBS parcels YB015 located within the transfer parcel are proposed for ECP 4.

- **ECP 5 Parcels—**areas where release, disposal, and/or migration of hazardous substances has occurred, and removal or remedial actions are under way but all required remedial actions have not yet been taken. No EBS parcels located within the transfer parcel are proposed for ECP 5.

- **ECP 6 Parcels—**areas where release, disposal, and/or migration of hazardous substances has occurred but required actions have not yet been implemented. No EBS parcels located within the transfer parcel are proposed for ECP 6.

- **ECP 7 Parcels—**areas that are not evaluated or require additional evaluation. No EBS parcels located within the transfer parcel are proposed for ECP 7.



EBS PARCEL ECP AREA TYPES

- ECP **1** - Areas where no release or disposal of hazardous substances or petroleum products has occurred (including no migration of these substances from adjacent areas)
- ECP **2** - Areas where only release or disposal of petroleum products has occurred
- ECP **3** - Areas where release, disposal, and/or migration of hazardous substances has occurred, but at concentrations that do not require a removal or remedial action
- ECP **4** - Areas where release, disposal, and/or migration of hazardous substances has occurred, and all remedial actions necessary to protect human health and the environment have been taken
- ECP **5** - Areas where release, disposal, and/or migration of hazardous substances has occurred, and removal or remedial actions are under way, but all required remedial actions have not yet been taken
- ECP **6** - Areas where release, disposal, and/or migration of hazardous substances has occurred, but required actions have not yet been implemented
- ECP **7** - Areas that are not evaluated or require additional evaluation

- TRANSFER PARCELS
- PREVIOUSLY TRANSFERRED PROPERTY

Notes:
EBS Environmental baseline survey
ECP Environmental condition of property
USCG U.S. Coast Guard

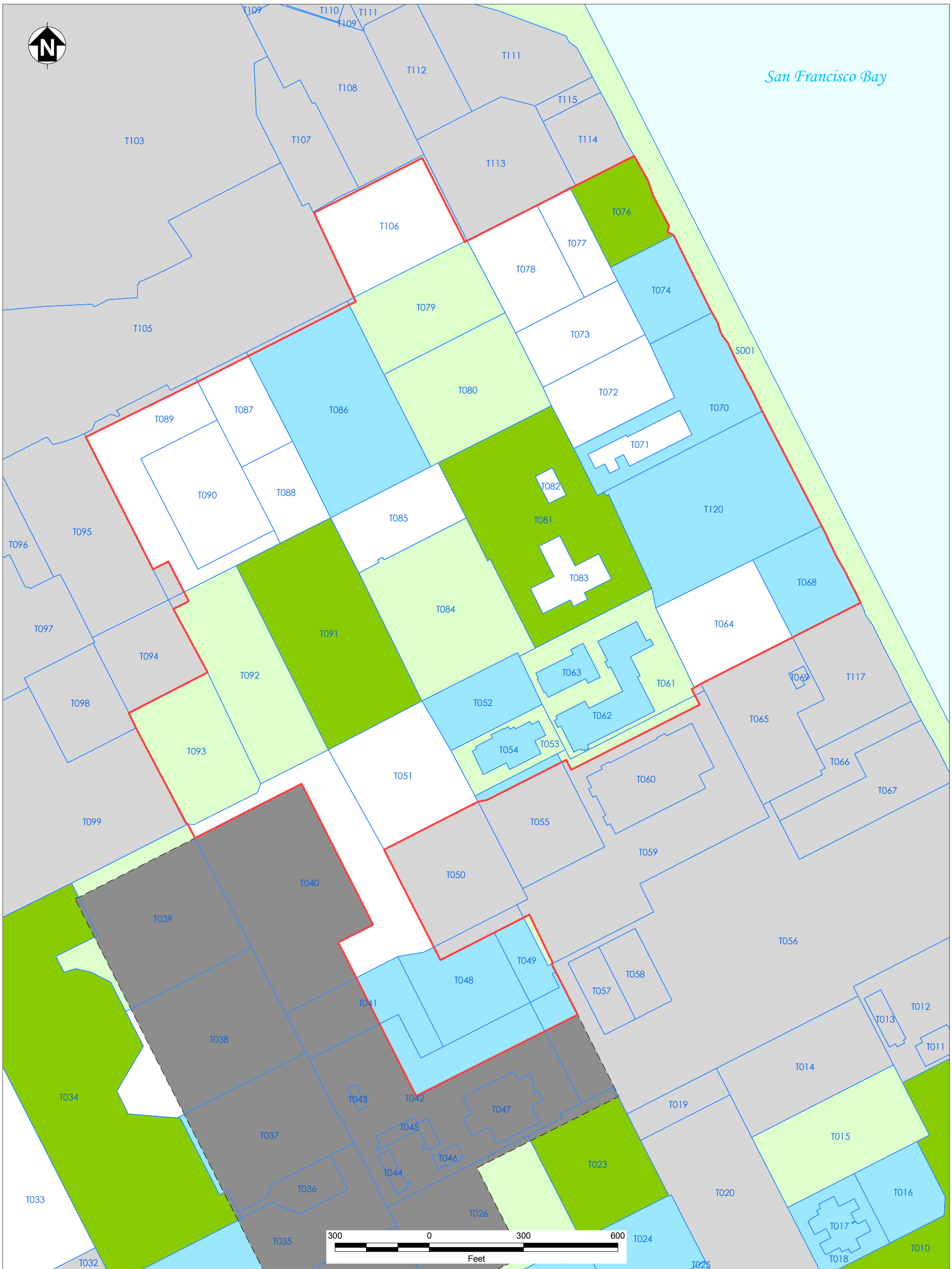
SulTech

Naval Station Treasure Island
U.S. Department of the Navy, BRAC PMO West, San Diego, CA

FIGURE 7-1
EBS PARCEL MAXIMUM ECP AREA TYPE

2005-07-06 V:\Treasure Island\Projects\SEBS\2004\ECP_EBS.mxd TtEMI-SF Aleksandr Zhuk

DS.B034.14208



EBS PARCEL ECP AREA TYPES

- ECP 1 - Areas where no release or disposal of hazardous substances or petroleum products has occurred (including no migration of these substances from adjacent areas)
- ECP 2 - Areas where only release or disposal of petroleum products has occurred
- ECP 3 - Areas where release, disposal, and/or migration of hazardous substances has occurred, but at concentrations that do not require a removal or remedial action
- ECP 4 - Areas where release, disposal, and/or migration of hazardous substances has occurred, and all remedial actions necessary to protect human health and the environment have been taken
- ECP 5 - Areas where release, disposal, and/or migration of hazardous substances has occurred, and removal or remedial actions are under way, but all required remedial actions have not yet been taken
- ECP 6 - Areas where release, disposal, and/or migration of hazardous substances has occurred, but required actions have not yet been implemented
- ECP 7 - Areas that are not evaluated or require additional evaluation

- TI CORE TRANSFER PARCEL
- PREVIOUSLY TRANSFERRED PROPERTY

Notes:
EBS Environmental baseline survey
ECP Environmental condition of property
TI Treasure Island

SulTech

Naval Station Treasure Island
U.S. Department of the Navy, BRAC PMO West, San Diego, CA

FIGURE 7-1A
EBS PARCEL MAXIMUM
ECP AREA TYPE
TI CORE TRANSFER PARCEL

2005-07-06 V:\Treasure Island\Projects\SEBS\2004\ECP_TI_Core.mxd TtEMI-SF Aleksandr Zhuk

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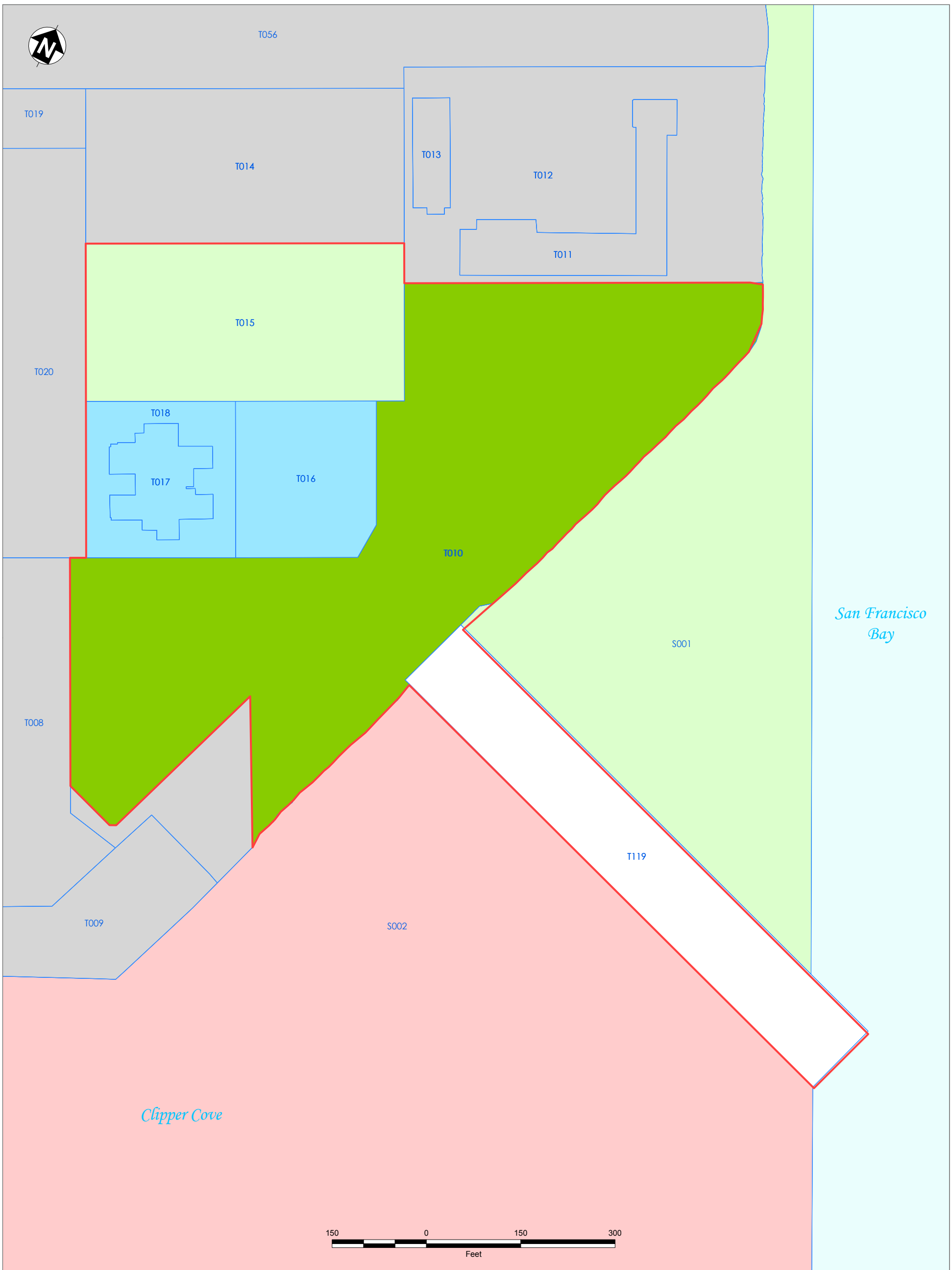

EBS PARCEL ECP AREA TYPES

- ECP 1 - Areas where no release or disposal of hazardous substances or petroleum products has occurred (including no migration of these substances from adjacent areas)
- ECP 2 - Areas where only release or disposal of petroleum products has occurred
- ECP 3 - Areas where release, disposal, and/or migration of hazardous substances has occurred, but at concentrations that do not require a removal or remedial action
- ECP 4 - Areas where release, disposal, and/or migration of hazardous substances has occurred, and all remedial actions necessary to protect human health and the environment have been taken
- ECP 5 - Areas where release, disposal, and/or migration of hazardous substances has occurred, and removal or remedial actions are under way, but all required remedial actions have not yet been taken
- ECP 6 - Areas where release, disposal, and/or migration of hazardous substances has occurred, but required actions have not yet been implemented
- ECP 7 - Areas that are not evaluated or require additional evaluation

TI SOUTHEAST TRANSFER PARCEL

Notes:
EBS Environmental baseline survey
ECP Environmental condition of property
TI Treasure Island

SulTech

Naval Station Treasure Island
U.S. Department of the Navy, BRAC PMO West, San Diego, CA

FIGURE 7-1B
EBS PARCEL MAXIMUM
ECP AREA TYPE
TI SOUTHEAST TRANSFER PARCEL

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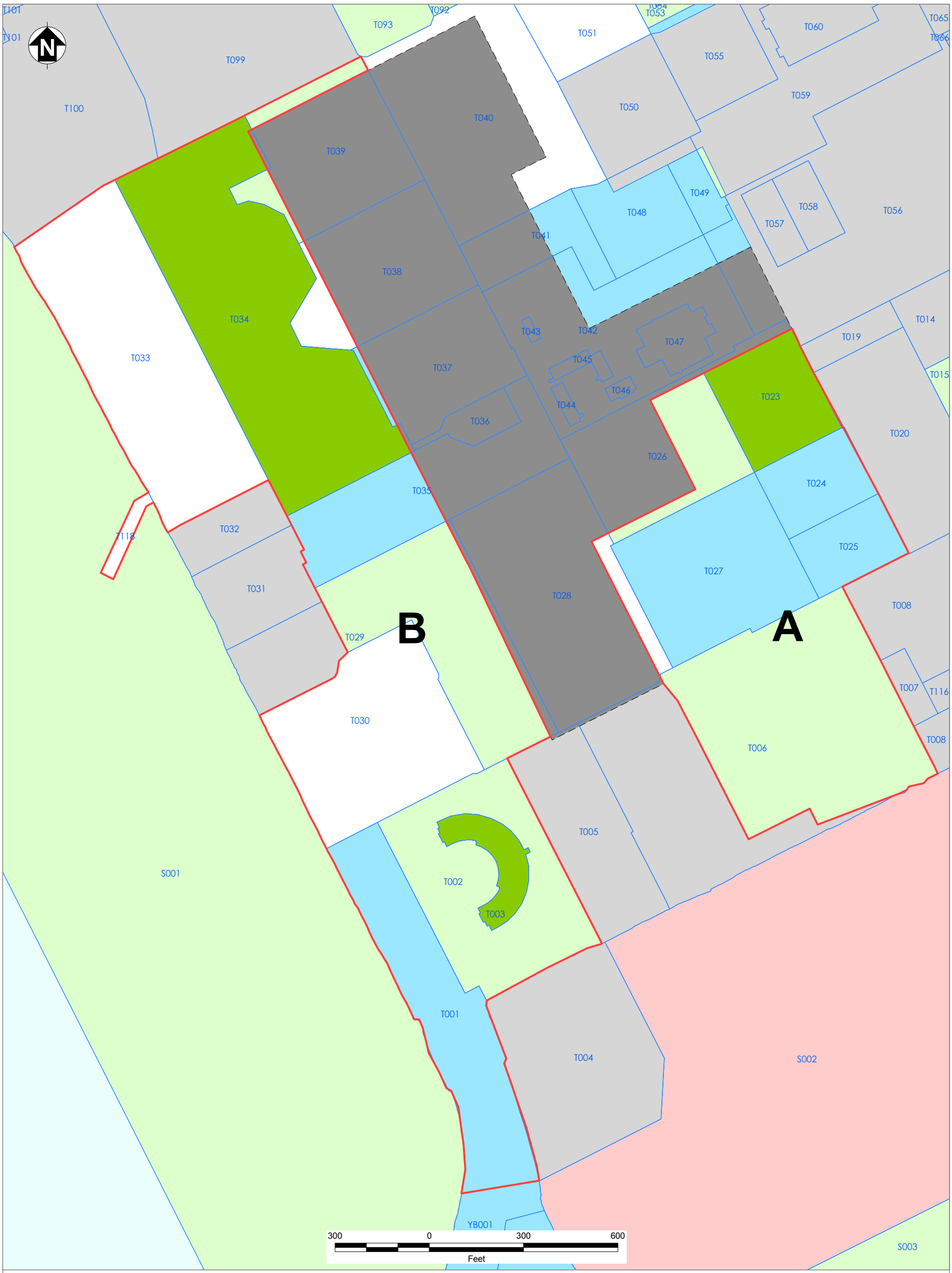

EBS PARCEL ECP AREA TYPES

- ECP 1 - Areas where no release or disposal of hazardous substances or petroleum products has occurred (including no migration of these substances from adjacent areas)
- ECP 2 - Areas where only release or disposal of petroleum products has occurred
- ECP 3 - Areas where release, disposal, and/or migration of hazardous substances has occurred, but at concentrations that do not require a removal or remedial action
- ECP 4 - Areas where release, disposal, and/or migration of hazardous substances has occurred, and all remedial actions necessary to protect human health and the environment have been taken
- ECP 5 - Areas where release, disposal, and/or migration of hazardous substances has occurred, and removal or remedial actions are under way, but all required remedial actions have not yet been taken
- ECP 6 - Areas where release, disposal, and/or migration of hazardous substances has occurred, but required actions have not yet been implemented
- ECP 7 - Areas that are not evaluated or require additional evaluation

- TI SOUTHWEST TRANSFER PARCEL
- PREVIOUSLY TRANSFERRED PROPERTY

Notes:
EBS Environmental baseline survey
ECP Environmental condition of property
TI Treasure Island

SulTech

Naval Station Treasure Island
U.S. Department of the Navy, BRAC PMO West, San Diego, CA

FIGURE 7-1C
EBS PARCEL MAXIMUM
ECP AREA TYPE
TI SOUTHWEST TRANSFER PARCEL

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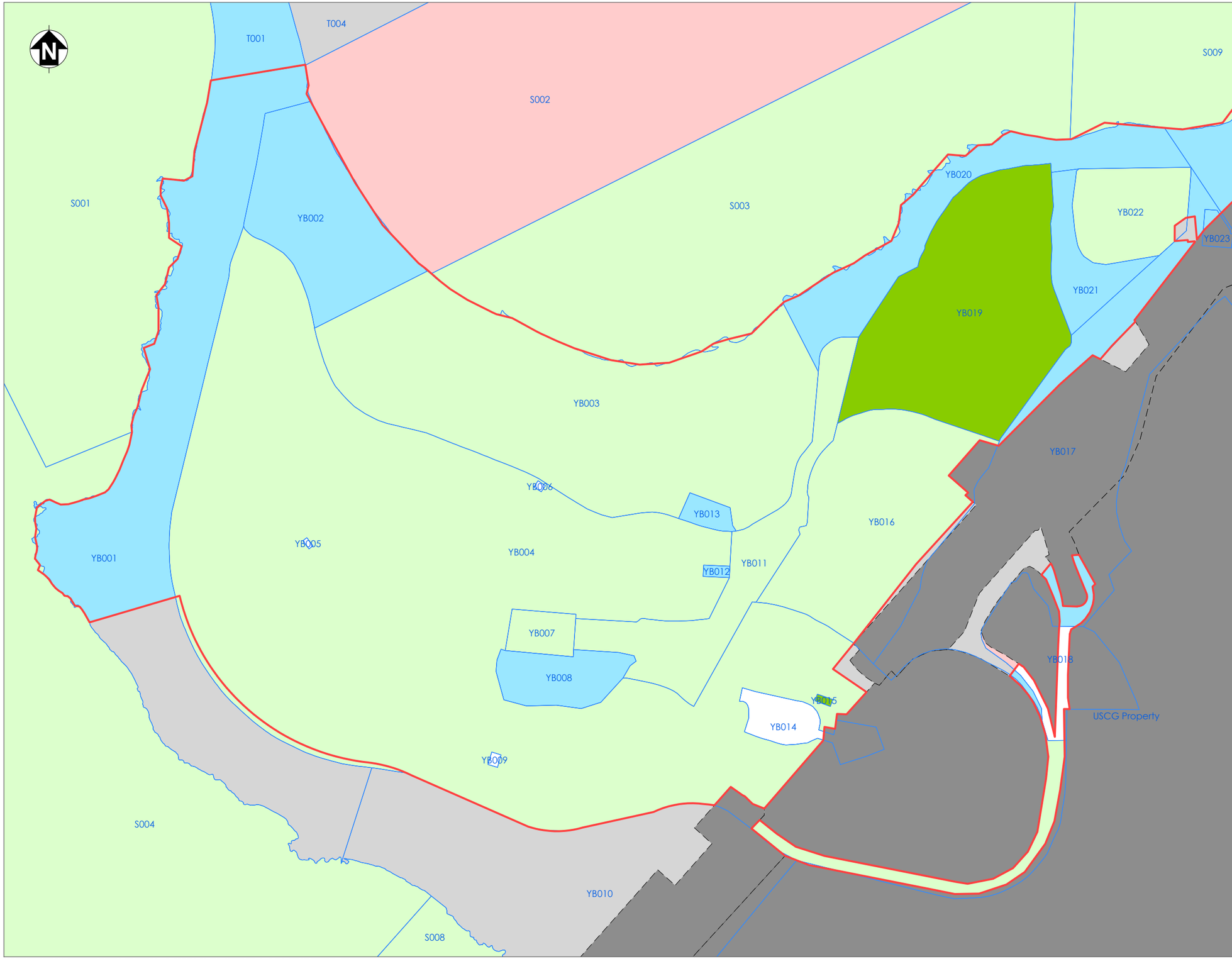

YBI TRANSFER PARCEL

PREVIOUSLY TRANSFERRED PROPERTY

EBS PARCEL ECP AREA TYPES

- ECP 1 - Areas where no release or disposal of hazardous substances or petroleum products has occurred (including no migration of these substances from adjacent areas)
- ECP 2 - Areas where only release or disposal of petroleum products has occurred
- ECP 3 - Areas where release, disposal, and/or migration of hazardous substances has occurred, but at concentrations that do not require a removal or remedial action
- ECP 4 - Areas where release, disposal, and/or migration of hazardous substances has occurred, and all remedial actions necessary to protect human health and the environment have been taken
- ECP 5 - Areas where release, disposal, and/or migration of hazardous substances has occurred, and removal or remedial actions are under way, but all required remedial actions have not yet been taken
- ECP 6 - Areas where release, disposal, and/or migration of hazardous substances has occurred, but required actions have not yet been implemented
- ECP 7 - Areas that are not evaluated or require additional evaluation

Notes:

EBS	Environmental baseline survey
ECP	Environmental condition of property
USCG	U.S. Coast Guard
YBI	Yerba Buena Island

250 0 250

Feet

SulTech

Naval Station Treasure Island

U.S. Department of the Navy, BRAC PMO West, San Diego, CA

FIGURE 7-1D
EBS PARCEL MAXIMUM
ECP AREA TYPE
YBI TRANSFER PARCEL

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TABLE 7-1: ECP TYPE SUMMARY FOR EBS PARCELS OR PORTIONS OF PARCELS CONTAINED WITHIN THE TRANSFER PARCEL BOUNDARIES

Final, Supplemental Environmental Baseline Survey, Naval Station Treasure Island

EBS Parcel	ECP Area Type	EBS Parcel	ECP Area Type	EBS Parcel	ECP Area Type
T001	2	T064	1	YB011	3
T002	3	T068	2	YB012	2
T003	4	T070	2	YB013	2
T006*	3	T071	1	YB014*	1
T010*	4	T072	1	YB015	4
T015	3	T073	1	YB016*	3
T016	2	T074	2	YB017*	2
T017	2	T076	4	YB018*	1
T018	2	T077	1	YB019	4
T023*	4	T078	1	YB020*	2
T024	2	T079*	3	YB021	2
T025	2	T080	3	YB022*	3
T026*	3	T081	4	YB023*	2
T027	2	T082	1	YB024*	2
T028*	1	T083	1	YB021	2
T029*	3	T084	3	YB022*	3
T030*	1	T085	1	YB023*	2
T033	1	T086*	2	YB024*	2
T034*	4	T087*	1		
T035*	2	T088	3		
T037*	2	T089*	1		
T038*	1	T090	1		
T039*	3	T091	4		
T040*	1	T092*	3		
T041*	2	T093	3		
T042*	2	T106*	1		
T048*	2	T118	1		
T049	2	T119	1		
T051	1	T120	2		
T052	2	YB001*	2		
T053	3	YB002	2		
T054	2	YB003	3		
T055*	2	YB004*	3		
T056*	2	YB005	1		
T059*	3	YB006	1		
T061*	3	YB007	3		
T062	2	YB008	2		
T063	2	YB009	1		

Notes:

* ECP area type for portion of EBS Parcel located in the Findings of Suitability for Transfer (FOST) area, refer to Figure 7-1.

EBS Environmental baseline survey
ECP Environmental condition of property

8.0 CONCLUSIONS

This section summarizes the ECP categories by EBS parcel and transfer parcel based on information in this report. This section also summarizes recommendations for grouping adjacent parcels with similar environmental issues and proposed reuses into property disposal areas.

8.1 PROPERTY CLASSIFICATION – ENVIRONMENTAL CONDITION OF PROPERTY CATEGORIES

The Navy has recategorized the ECP of each EBS parcel located wholly or partially within the four transfer parcels, based on its progress in the environmental programs since the original basewide EBS was prepared in 1995. Table 8-1 summarizes the environmental conditions for each EBS Parcel.

8.1.1 ECP 1 Parcels

The 1995 EBS assigned ECP 1 to EBS Parcels T001, T033, T064, T082, T083, T085, T088, and YB012. ECP 1 specifies areas where no release or disposal of petroleum products or hazardous substances has occurred (ERM-West 1995a).

The following EBS parcels are categorized as ECP 1: EBS Parcels T028, T030 (the portion located within the TI Southwest Transfer Parcel B), T033, T038, T040, T051, T056 (the portion located within the TI Core Transfer Parcel), T059 (the portion located within the TI Core Transfer Parcel), T064, T069, T071-T073, T077, T078, T082, T083, T085, T087, T088, T089 (the portion located within the TI Core Transfer Parcel), T090, T106 (the portion located within the TI Core Transfer Parcel), T110, T118 (Pier 23), T119, YB005, YB006, YB009, YB014, YB023 (the portion located within the YBI Transfer Parcel), and YB024 (the portion located within the YBI Transfer Parcel). After a document review, VSIs for each parcel, and interviews, it was determined that no releases or disposal of petroleum products or hazardous substances has occurred.

8.1.2 ECP 2 Parcels

The following EBS parcels are categorized as ECP 2: EBS parcels T001, T011, T012, T016-T018, T024, T025, T027, T035, T037, T041, T042, T048 (the portion within the TI Core Transfer Parcel), T049 (the portion within the TI Core Transfer Parcel), T052, T054, T055 (the portion within the TI Core Transfer Parcel), T056 (the portion located within the TI Core Transfer Parcel), T059 (portion located within the TI Core Transfer Parcel), T062, T063, T068, T070, T074, T086, T092 (the portion located within the TI Core Transfer Parcel), T120, YB001 (the portion located within the YBI Transfer Parcel), YB002, YB008, YB012, YB013, YB017 (the portion located within the YBI Transfer Parcel), YB018 (the portion located within the YBI Transfer Parcel), YB020 (the portion located within the YBI Transfer Parcel), and YB021. ECP-2 specifies areas where only release or disposal of petroleum products has occurred.

8.1.3 ECP 3 Parcels

The following EBS parcels are categorized as ECP 3: EBS Parcels S001, S003-S006, S008, S009, T002, T006 (the portion located within the TI Southwest Transfer Parcel A), T015, T026, T029, T039, T053, T061, T079, T080, T084, T093, T107, YB003, YB004, YB007, YB011, YB016, and YB022 (the portion located within the YBI Transfer Parcel). ECP-3 specifies areas where release, disposal, and/or migration of hazardous substances has occurred, but at concentrations that do not require a removal or remedial action.

8.1.4 ECP 4 Parcels

The following EBS parcels are categorized as ECP 4: EBS Parcels T003, T010 (the portion located within the TI Southeast Transfer Parcel), T023, T034, T076, T081, T091, T098, and YB015. ECP 4 areas are areas where release, disposal, and/or migration of hazardous substances has occurred and all remedial actions necessary to protect human health and the environment have been taken.

8.1.5 ECP 5 Parcels

ECP 5 areas are areas where release, disposal, and/or migration of hazardous substances has occurred, and removal or remedial actions are under way, but all required remedial actions have not yet been taken. No EBS parcels are categorized as ECP 5.

8.1.6 ECP 6 Parcels

The following EBS parcels are categorized as ECP 6: EBS parcels S002, T004, T006 (the portion located within the non-transferable area), T007, T009, T010 (the portion located within the non-transferable area), T014, T019, T055 (the portion located within the non-transferable area), T057, T058, T060, T065, T089 (the portion located within the non-transferable area), T092 (the portion located within the non-transferable area), T094, T095, T097, T109, T113, YB001 (the portion located within the non-transferable area), YB010, YB017 (the portion located within the non-transferable area), YB018 (the portion located within the non-transferable area),YB020 (the portion located within the non-transferable area), YB022 (the portion located within the non-transferable area), YB023 (the portion located within the non-transferable area), YB024 (the portion located within the non-transferable area), YB025, and YB026. ECP 6 specifies areas where release, disposal, and/or migration of hazardous substances has occurred, but required actions have not yet been implemented.

8.1.7 ECP 7 Parcels

The following EBS parcels are categorized as ECP 7: EBS parcels T005, T008, T013, T020, T030 (the portion located within the non-transferable area), T031, T032, T048 (the portion located within the non-transferable area), T049 (the portion located within the non-transferable area), T050, T056 (the portion located within the non-transferable area), T059 (the portion

located within the non-transferable area), T066, T067, T096, T099, T100, T101-T105, T106 (the portion located within the non-transferable area), T108, T111, T112, and T114-T117. ECP 7 specifies areas that are not evaluated or require additional investigation.

8.2 TRANSFER PARCELS

Adjacent parcels with similar environmental issues and proposed reuses were grouped into property transfer parcels (Figure 7-1). The Navy has identified four transfer parcels. The transfer parcels are summarized as follows:

- **Treasure Island Southwest Transfer Parcel.** This transfer parcel consists of two non-contiguous sub-parcels A and B and includes whole or partial portions of EBS Parcels T001, T002, T003, T006, T023, T024, T025, T026, T027, T028, T029, T030, T033, T034, T035, T037, T038, T039, and T118 (Pier 23). This transfer parcel contains EBS Parcels categorized as ECP 1 and ECP 2. The overall ECP category for the TI Southwest Transfer Parcel is ECP 4, areas where release, disposal, or migration of hazardous substances has occurred and all remedial actions necessary to protect human health and the environment have been taken. (Note: PCB sites located within the transfer parcels where analytical results were equal to or greater than the high-occupancy criterion of 1 milligram per kilogram specified in 40 Code of Federal Regulations Part 761 have been categorized as ECP 4 in anticipation that regulatory closure actions to facilitate transfer of the parcels will be completed, even though these actions are not yet complete. Refer to Section 6.2.9 for further discussion.]

- **Treasure Island Southeast Transfer Parcel.** This transfer parcel includes whole or partial portions of EBS Parcels T010, T015, T016, T017, T018, and T119. This transfer parcel contains EBS Parcels categorized as ECP 2 and ECP 3. The overall ECP category for the TI Southeast Transfer Parcel is ECP 4 areas where release, disposal, or migration of hazardous substances has occurred and all remedial actions necessary to protect human health and the environment have been taken.

- **Treasure Island Core Transfer Parcel.** This transfer parcel includes whole or partial portions of EBS Parcels T040, T041, T042, T048, T049, T051, T052, T053, T054, T055, T056, T059, T061, T062, T063, T064, T065, T068, T070, T071, T072, T073, T074, T077, T078, T079, T080, T081, T082, T083, T084, T085, T086, T087, T088, T089, T090, T091, T092, T093, T106, and T120. This transfer parcel contains EBS Parcels categorized as ECP 1, 2, and 3. The overall ECP category for the TI Core Transfer Parcel is ECP 4, areas where release, disposal, or migration of hazardous substances has occurred and all remedial actions necessary to protect human health and the environment have been taken.

- **Yerba Buena Island Transfer Parcel.** This transfer parcel includes whole or partial portions of EBS Parcels YB001, YB002, YB003, YB004, YB005, YB006, YB007, YB008, YB009, YB011, YB012, YB013, YB014, YB015, YB016, YB017, YB018, YB019, YB020, YB021, YB022, YB023, and YB024. This transfer parcel contains EBS Parcels categorized as ECP 1, 2, and 3. The overall ECP category for the YBI Transfer Parcel is ECP 4, areas where release, disposal, or migration of hazardous substances has occurred and all remedial actions necessary to protect human health and the environment have been taken.

TABLE 8-1: SUMMARY OF ENVIRONMENTAL CONDITION OF PROPERTY AREA TYPES FOR ALL LOCATIONS OF CONCERN WITH MAXIMUM ECP FOR ENVIRONMENTAL BASELINE SURVEY PARCELS

Final, Supplemental Environmental Baseline Survey, Naval Station Treasure Island

EBS Parcel	Issue ID	Status	Closure Reference	ECP Area Type*
S001	CERCLA Site 13	NFA	Navy 2005b	3
			S001's Maximum ECP is 3	
S002	CERCLA Site 13	NFA	Navy 2005b	3
S002	CERCLA Site 13	NFA	Navy 2005b	3
S002	CERCLA Site 27	Prepare FS	--	6
S002	OWS S2	No closure action required	Navy 2005b	1
S002	SS S001/2	NFA	Navy 2005b	3
S002	SS S002	NFA	Navy 2005b	3
			S002's Maximum ECP is 6	
S003	CERCLA Site 13	NFA	Navy 2005b	3
			S003's Maximum ECP is 3	
S004	CERCLA Site 13	NFA	Navy 2005b	3
			S004's Maximum ECP is 3	
S005	CERCLA Site 13	NFA	Navy 2005b	3
			S005's Maximum ECP is 3	
S006	CERCLA Site 13	NFA	Navy 2005b	3
			S006's Maximum ECP is 3	
S008	CERCLA Site 13	NFA	Navy 2005b	3
			S008's Maximum ECP is 3	
S009	CERCLA Site 13	NFA	Navy 2005b	3
			S009's Maximum ECP is 3	
T001	Causeway Pipeline	NFA	Water Board 2003a	2
T001	RAD T001	NFA	Navy 2005a	1
T001	RADON T001	NFA	ERM-West 1995	1
T001	UT T001	NFA	Tetra Tech 2001c	1
			T001's Maximum ECP is 2	
T002	Causeway Pipeline	NFA	Water Board 2003a	2
T002	PCB 627362J88	NFA	SULLIVAN/Tetra Tech 2004	3
T002	PCB EP-1	NFA	SULLIVAN/Tetra Tech 2004	3
T002	PCB T-1030	NFA	SULLIVAN/Tetra Tech 2004	1
T002	PCB T-1032	NFA	SULLIVAN/Tetra Tech 2004	1
T002	PCB TX-143	NFA	SULLIVAN/Tetra Tech 2004	1
T002	RAD T002	NFA	Navy 2005a	1
T002	RADON T002	NFA	ERM-West 1995	1
T002	SS 469	NFA	SulTech 2005a	1

TABLE 8-1: SUMMARY OF ENVIRONMENTAL CONDITION OF PROPERTY AREA TYPES FOR ALL LOCATIONS OF CONCERN WITH MAXIMUM ECP FOR ENVIRONMENTAL BASELINE SURVEY PARCELS (Continued)

Final, Supplemental Environmental Baseline Survey, Naval Station Treasure Island

EBS Parcel	Issue ID	Status	Closure Reference	ECP Area Type*
T002	SS T002A	NFA	NAVSTA TI 1998-1999	1
T002	SS T002B	NFA	NAVSTA TI 1998-1999	1
T002	SS T002C	NFA	Tetra Tech and U&A 1999a	2
T002	UST 1A	NFA	Water Board 2002a	2
T002	UST 1B	NFA	Water Board 1996	2
T002	UST 1C	NFA	Water Board 1996	2
T002	UST 1D	NFA	Water Board 1996	2
T002	UST 1E	NFA	Water Board 2002a	2
T002	UST 1F	NFA	Water Board 1996	2
T002	UST 1G(469)	NFA	CCSFDPH2000	1
T002	UT T002	NFA	Tetra Tech 2001c	1
			T002's Maximum ECP is	**3**
T003	PCB 16601	NFA	SULLIVAN/Tetra Tech 2004	1
T003	PCB 16603	NFA	SULLIVAN/Tetra Tech 2004	1
T003	PCB T-114A	Corrective and remedial action	--	4
T003	PCB T-114B	Corrective and remedial action	--	4
T003	PCB TX-140	Corrective and remedial action	--	4
T003	PCB TX-2045	Corrective and remedial action	--	4
T003	RAD T003	NFA	Navy 2005a	1
T003	RADON T003	NFA	ERM-West 1995	1
T003	UT T003	NFA	Tetra Tech 2001c	1
			T003's Maximum ECP is	**4**
T004	CERCLA Site 13	NFA	Navy 2005b	3
T004	CERCLA Site 27	Prepare FS	--	6
T004	OTH T004	NFA	Navy 2005b	3
T004	RAD T004	TBD	--	7
T004	RADON T004	NFA	ERM-West 1995	1
T004	SS T004	NFA	ERM-West 1996a; Tetra Tech 2001c	1
			T004's Maximum ECP is	**7**
T005	Causeway Pipeline	NFA	Water Board 2003a	3
T005	GW T005	NFA	Shaw 2005a; DTSC 2005a	3
T005	HIST 180	TBD	Shaw 2005a; DTSC 2005a	2
T005	HW T005	No closure action required	BCT 2002c	1
T005	OTH T005-180A	NFA	ERM-West 1996a	1
T005	OTH T005-180B	TBD	--	7
T005	OWS T005	NFA	ERM-West 1996a; Shaw 2005a	1

TABLE 8-1: SUMMARY OF ENVIRONMENTAL CONDITION OF PROPERTY AREA TYPES FOR ALL LOCATIONS OF CONCERN WITH MAXIMUM ECP FOR ENVIRONMENTAL BASELINE SURVEY PARCELS (Continued)

Final, Supplemental Environmental Baseline Survey, Naval Station Treasure Island

EBS Parcel	Issue ID	Status	Closure Reference	ECP Area Type*
T005	PCB HL180 (1)	NFA	SULLIVAN/Tetra Tech 2004	1
T005	PCB HL180 (2)	NFA	SULLIVAN/Tetra Tech 2004	1
T005	PCB HL180 (3)	NFA	SULLIVAN/Tetra Tech 2004	1
T005	PCB SW 11-80A (1)	NFA	SULLIVAN/Tetra Tech 2004	3
T005	PCB SW 11-80C	NFA	SULLIVAN/Tetra Tech 2004	3
T005	PCB SW 3-81	NFA	SULLIVAN/Tetra Tech 2004	3
T005	PCB TX-119A	NFA	SULLIVAN/Tetra Tech 2004	3
T005	PCB TX-119B	NFA	SULLIVAN/Tetra Tech 2004	1
T005	PCB TX-119C	NFA	SULLIVAN/Tetra Tech 2004	1
T005	RAD T005	NFA	Navy 2005a	1
T005	RADON T005	NFA	ERM-West 1995	1
T005	SS 180A	NFA	Water Board 1996	2
T005	SS T005A	NFA	BCT 2002a; ERM-West 1996a	2
T005	UST 180A	NFA	Water Board 1996	2
T005	UST 180D	NFA	Water Board 1997	2
T005	UST 180E	NFA	Water Board 1997	2
T005	UST 180F	NFA	Water Board 2003f	1
T005	UST 180G	NFA	Water Board 2003f	1
T005	UT T005	NFA	Tetra Tech 2001c	1
			T005's Maximum ECP is	**7**
T006	AST 520	No closure action required	Laidlaw 1998b	1
T006	AST 520B-1	No closure action required	NA	1
T006	AST 520B-2	No closure action required	NA	1
T006	AST 520B-3	No closure action required	NA	1
T006	Causeway Pipeline	NFA	Water Board 2003a	2
T006	CERCLA Site 27	Prepare FS	--	6
T006	HIST T006	TBD	Shaw 2005a; DTSC 2005a	2
T006	HW T006A	No closure action required	NA	1
T006	HW T006B	No closure action required	NA	1
T006	ORD 144	No closure action required	ERM-West 1995	1
T006	ORD 454	No closure action required	NA	1
T006	OTH T006	NFA	ERM-West 1996b	1
T006	OTH T006	TBD	--	7
T006	PB T006	NFA	ERM-West 1995	1

TABLE 8-1: SUMMARY OF ENVIRONMENTAL CONDITION OF PROPERTY AREA TYPES FOR ALL LOCATIONS OF CONCERN WITH MAXIMUM ECP FOR ENVIRONMENTAL BASELINE SURVEY PARCELS (Continued)

Final, Supplemental Environmental Baseline Survey, Naval Station Treasure Island

EBS Parcel	Issue ID	Status	Closure Reference	ECP Area Type*
T006	PCB EP 6-1	NFA	SULLIVAN/Tetra Tech 2004	3
T006	PCB HL448	NFA	SULLIVAN/Tetra Tech 2004	1
T006	PCB T006A	NFA	SULLIVAN/Tetra Tech 2004	1
T006	PCB T006B	NFA	SULLIVAN/Tetra Tech 2004	1
T006	PCB T006C	NFA	SULLIVAN/Tetra Tech 2004	1
T006	PCB T006D	NFA	SULLIVAN/Tetra Tech 2004	1
T006	PCB T-1128	NFA	SULLIVAN/Tetra Tech 2004	1
T006	PCB T-1130	NFA	SULLIVAN/Tetra Tech 2004	1
T006	PCB TX-116	NFA	SULLIVAN/Tetra Tech 2004	1
T006	PCB TX-117	NFA	SULLIVAN/Tetra Tech 2004	1
T006	Petroleum Site 25	Prepare report	--	2
T006	RAD T006	TBD	--	7
T006	RAD T006-342	NFA	Navy 2005a	1
T006	RAD T006-343	NFA	Navy 2005a	1
T006	RAD T006-344	NFA	Navy 2005a	1
T006	RADON T006	NFA	ERM-West 1995	1
T006	SS 180B	NFA	SulTech 2005a	1
T006	SS 346	NFA	SulTech 2005a	1
T006	UST 143-A	Prepare report	Petroleum CAP Site 25 Closure Report (Pending)	2
T006	UST 143-B	Prepare report	Petroleum CAP Site 25 Closure Report (Pending)	2
T006	UST 143-C	Prepare report	Petroleum CAP Site 25 Closure Report (Pending)	2
T006	UST 143-D	Prepare report	Petroleum CAP Site 25 Closure Report (Pending)	2
T006	UST 143-E	Prepare report	Petroleum CAP Site 25 Closure Report (Pending)	2
T006	UST 143-F	Prepare report	Petroleum CAP Site 25 Closure Report (Pending)	2

TABLE 8-1: SUMMARY OF ENVIRONMENTAL CONDITION OF PROPERTY AREA TYPES FOR ALL LOCATIONS OF CONCERN WITH MAXIMUM ECP FOR ENVIRONMENTAL BASELINE SURVEY PARCELS (Continued)

Final, Supplemental Environmental Baseline Survey, Naval Station Treasure Island

EBS Parcel	Issue ID	Status	Closure Reference	ECP Area Type*
T006	UST 143-G	Prepare report	Petroleum CAP Site 25 Closure Report (Pending)	2
T006	UST 143-H	Prepare report	Petroleum CAP Site 25 Closure Report (Pending)	2
T006	UST 143-I	Prepare report	Petroleum CAP Site 25 Closure Report (Pending)	2
T006	UST 145	NFA	Water Board 2003f	1
T006	UST 180B	NFA	Water Board 1996	2
T006	UST 180C	Closure request pending	NFA request pending	2
T006	UST 2A	NFA	Water Board 1996	2
T006	UST 2B	Prepare report	Petroleum CAP Site 25 Closure Report (Pending)	2
T006	UST 2C	NFA	Water Board 2002a	2
T006	UST 2D	NFA	Water Board 1996	2
T006	UT T006	NFA	Tetra Tech 2001c	1
			T006's Maximum ECP is	**7**
T007	AST 3	No closure action required	NA	1
T007	CERCLA Site 09	Prepare PP	SulTech 2005a	6
T007	OWS 41	NFA	PRC 1997b	1
T007	PCB HL41	NFA	SULLIVAN/Tetra Tech 2004	1
T007	RAD T007	TBD	--	7
T007	RADON T007	NFA	ERM-West 1995	1
T007	SS T007A	NFA	NAVSTA TI 1998-1999	1
T007	SS T007B	NFA	NAVSTA TI 1998-1999	1
T007	UT T007	NFA	Tetra Tech 2001c	1
			T007's Maximum ECP is	**7**
T008	CERCLA Site 21	Prepare RI	--	6
T008	HW T008A	No closure action required	ERM-West 1995	1
T008	HW T008B	No closure action required	ERM-West 1995	1
T008	HW T008C	No closure action required	ERM-West 1995	1
T008	PCB 5808621	NFA	SULLIVAN/Tetra Tech 2004	1
T008	PCB 5808622	NFA	SULLIVAN/Tetra Tech 2004	1
T008	PCB 83A161095	NFA	SULLIVAN/Tetra Tech 2004	1
T008	PCB 83A161096	NFA	SULLIVAN/Tetra Tech 2004	1

TABLE 8-1: SUMMARY OF ENVIRONMENTAL CONDITION OF PROPERTY AREA TYPES FOR ALL LOCATIONS OF CONCERN WITH MAXIMUM ECP FOR ENVIRONMENTAL BASELINE SURVEY PARCELS (Continued)

Final, Supplemental Environmental Baseline Survey, Naval Station Treasure Island

EBS Parcel	Issue ID	Status	Closure Reference	ECP Area Type*
T008	PCB 93-52125	NFA	SULLIVAN/Tetra Tech 2004	3
T008	PCB D119469	NFA	SULLIVAN/Tetra Tech 2004	1
T008	PCB D119490	NFA	SULLIVAN/Tetra Tech 2004	1
T008	PCB D119496	NFA	SULLIVAN/Tetra Tech 2004	1
T008	PCB D119533	NFA	SULLIVAN/Tetra Tech 2004	1
T008	PCB D119552	NFA	SULLIVAN/Tetra Tech 2004	1
T008	PCB D119566	NFA	SULLIVAN/Tetra Tech 2004	1
T008	PCB D300416	NFA	SULLIVAN/Tetra Tech 2004	1
T008	PCB MH-1+	Sampling	--	7
T008	PCB PB26230303	NFA	SULLIVAN/Tetra Tech 2004	1
T008	PCB T008A	NFA	SULLIVAN/Tetra Tech 2004	1
T008	PCB T008B	NFA	SULLIVAN/Tetra Tech 2004	1
T008	PCB T008C	NFA	SULLIVAN/Tetra Tech 2004	1
T008	PCB T-1006	NFA	SULLIVAN/Tetra Tech 2004	1
T008	PCB T-1008	NFA	SULLIVAN/Tetra Tech 2004	1
T008	PCB T-1010	NFA	SULLIVAN/Tetra Tech 2004	1
T008	PCB T-1877	NFA	SULLIVAN/Tetra Tech 2004	1
T008	PCB TX-192 (2)	NFA	SULLIVAN/Tetra Tech 2004	1
T008	PCB TX-193	NFA	SULLIVAN/Tetra Tech 2004	1
T008	PCB TX-194	NFA	SULLIVAN/Tetra Tech 2004	1
T008	Petroleum Site D1C	NFA	Tetra Tech 2003c; Water Board 2004a	2
T008	RAD T008	TBD	--	7
T008	RADON T008	NFA	ERM-West 1995	1
T008	SS 325	NFA	SulTech 2005a	1
T008	SS 355	NFA	Shaw 2005a; DTSC 2005a	1

TABLE 8-1: SUMMARY OF ENVIRONMENTAL CONDITION OF PROPERTY AREA TYPES FOR ALL LOCATIONS OF CONCERN WITH MAXIMUM ECP FOR ENVIRONMENTAL BASELINE SURVEY PARCELS (Continued)

Final, Supplemental Environmental Baseline Survey, Naval Station Treasure Island

EBS Parcel	Issue ID	Status	Closure Reference	ECP Area Type*
T008	SS T008A	NFA	NAVSTA TI 1998-1999	1
T008	SS T008B	NFA	NAVSTA TI 1998-1999	1
T008	UST 3A	NFA	Water Board 2003f	1
T008	UST 3B	NFA	Water Board 2003f	1
T008	UT T008	NFA	Tetra Tech 2001c	1
			T008's Maximum ECP is	**7**
T009	AST 12A	No closure action required	NA	1
T009	AST 12B	No closure action required	NA	1
T009	AST 12C	No closure action required	NA	1
T009	AST 12D	No closure action required	NA	1
T009	AST 12E	No closure action required	NA	1
T009	CERCLA Site 21	Prepare RI	--	6
T009	PCB EP 9-1	NFA	SULLIVAN/Tetra Tech 2004	3
T009	Petroleum Site D1C	NFA	Tetra Tech 2003c; Water Board 2004a	2
T009	RAD T009	TBD	--	7
T009	RADON T069	NFA	ERM-West 1995	1
T009	UT T009	NFA	Tetra Tech 2001c	1
			T009's Maximum ECP is	**7**
T010	AST 4M	No closure action required	NA	1
T010	AST 5M	No closure action required	NA	1
T010	AST 6M	No closure action required	NA	1
T010	CERCLA Site 21	Prepare RI	--	6
T010	PCB 5H-25	NFA	SULLIVAN/Tetra Tech 2004	1
T010	PCB T010A	NFA	SULLIVAN/Tetra Tech 2004	1
T010	PCB T010B	NFA	SULLIVAN/Tetra Tech 2004	1
T010	PCB T-10	NFA	SULLIVAN/Tetra Tech 2004	1
T010	PCB T-1088	NFA	SULLIVAN/Tetra Tech 2004	1
T010	PCB T-1100	NFA	SULLIVAN/Tetra Tech 2004	1
T010	PCB T-1102	NFA	SULLIVAN/Tetra Tech 2004	3
T010	PCB T83F09704	NFA	SULLIVAN/Tetra Tech 2004	1
T010	PCB TX-1	NFA	SULLIVAN/Tetra Tech 2004	3
T010	PCB TX-120	Corrective and remedial action	--	4

TABLE 8-1: SUMMARY OF ENVIRONMENTAL CONDITION OF PROPERTY AREA TYPES FOR ALL LOCATIONS OF CONCERN WITH MAXIMUM ECP FOR ENVIRONMENTAL BASELINE SURVEY PARCELS (Continued)

Final, Supplemental Environmental Baseline Survey, Naval Station Treasure Island

EBS Parcel	Issue ID	Status	Closure Reference	ECP Area Type*
T010	PCB TX-121	NFA	SULLIVAN/Tetra Tech 2004	3
T010	PCB TX-2033	NFA	SULLIVAN/Tetra Tech 2004	3
T010	Petroleum Site 15	NFA	Water Board 2004i	2
T010	Petroleum Site D1B	Continued field work	Shaw 2005b	2
T010	Petroleum Site D1C	NFA	Tetra Tech 2003c; Water Board 2004a	2
T010	RAD T010-Pier 13	TBD	--	7
T010	RADON T010	NFA	ERM-West 1995	1
T010	UT T010	NFA	Tetra Tech 2001c	1
			T010's Maximum ECP is	**7**
T011	GW T011	No closure action required	NA	1
T011	HIST T011	No closure action required	ERM-West 1996a	1
T011	Petroleum Site D1B	Continued field work	Shaw 2005b	2
T011	RAD T011-7	TBD	--	7
T011	RADON T011	NFA	ERM-West 1995	1
T011	SS 7	NFA	SulTech 2005a	1
			T011's Maximum ECP is	**7**
T012	AST 7	No closure action required	NA	1
T012	PCB TX-42	NFA	SULLIVAN/Tetra Tech 2004	1
T012	Petroleum Site D1B	Continued field work	Shaw 2005b	2
T012	Petroleum Site F2A	Prepare report	--	2
T012	RAD T012	TBD	--	7
T012	RADON T012	NFA	ERM-West 1995	1
T012	UST 7 (TI)	NFA	Water Board 2003f	1
T012	UT T012	NFA	Tetra Tech 2001c	1
			T012's Maximum ECP is	**7**
T013	HIST T013	No closure action required	BCT 2002c	1
T013	RAD T013-233	TBD	--	7
T013	RADON T013	NFA	ERM-West 1995	1
T013	SS T013	Continued field work	--	7
			T013's Maximum ECP is	**7**
T014	CERCLA Site 33	Prepare RI	--	6
T014	OTH T014	Sampling	See CERCLA Site 33	1
T014	RAD T014	TBD	--	7
T014	RADON T014	NFA	ERM-West 1995	1
T014	UT T014	NFA	Tetra Tech 2001c	1
			T014's Maximum ECP is	**7**
T015	AST 530A	No closure action required	Water Board 2003d	1
T015	AST 530B	No closure action required	Water Board 2003d	1

TABLE 8-1: SUMMARY OF ENVIRONMENTAL CONDITION OF PROPERTY AREA TYPES FOR ALL LOCATIONS OF CONCERN WITH MAXIMUM ECP FOR ENVIRONMENTAL BASELINE SURVEY PARCELS (Continued)

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EBS Parcel	Issue ID	Status	Closure Reference	ECP Area Type*
T015	AST 530C	No closure action required	Water Board 2003d	1
T015	AST 530D	No closure action required	Water Board 2003d	1
T015	AST 530E	No closure action required	Water Board 2003d	1
T015	Building 530 Pipeline	NFA	Water Board 2003b	2
T015	HW T015	No closure action required	NA	1
T015	PCB T015A	NFA	SULLIVAN/Tetra Tech 2004	1
T015	PCB T015B	NFA	SULLIVAN/Tetra Tech 2004	1
T015	PCB T015C	NFA	SULLIVAN/Tetra Tech 2004	1
T015	PCB T015D	NFA	SULLIVAN/Tetra Tech 2004	1
T015	PCB TX-172	NFA	SULLIVAN/Tetra Tech 2004	3
T015	PCB TX-32	NFA	SULLIVAN/Tetra Tech 2004	1
T015	PCB TX-33(2)+	NFA	SULLIVAN/Tetra Tech 2004	1
T015	PCB TX-34	NFA	SULLIVAN/Tetra Tech 2004	1
T015	Petroleum Site D5	NFA	Tetra Tech 2003c; Water Board 2004a	2
T015	RAD T015	NFA	Navy 2005a	1
T015	RADON T015	NFA	ERM-West 1995	1
T015	UT T015	NFA	Tetra Tech 2001c	1
			T015's Maximum ECP is	**3**
T016	Petroleum Site 15	NFA	Water Board 2004i	2
T016	RAD T016	NFA	Navy 2005a	1
T016	RADON T016	NFA	ERM-West 1995	1
T016	UT T016	NFA	Tetra Tech 2001c	1
			T016's Maximum ECP is	**2**
T017	Petroleum Site 15	NFA	Water Board 2004i	2
T017	Petroleum Site D5	NFA	Tetra Tech 2003c; Water Board 2004a	2
T017	RAD T017	NFA	Navy 2005a	1
T017	RADON T017	NFA	ERM-West 1995	1
			T017's Maximum ECP is	**2**
T018	AST 34A	No closure action required	NA	2
T018	AST 34B	No closure action required	NA	2
T018	PCB TX-106	NFA	SULLIVAN/Tetra Tech 2004	1
T018	Petroleum Site 15	NFA	Water Board 2004i	2

TABLE 8-1: SUMMARY OF ENVIRONMENTAL CONDITION OF PROPERTY AREA TYPES FOR ALL LOCATIONS OF CONCERN WITH MAXIMUM ECP FOR ENVIRONMENTAL BASELINE SURVEY PARCELS (Continued)

Final, Supplemental Environmental Baseline Survey, Naval Station Treasure Island

EBS Parcel	Issue ID	Status	Closure Reference	ECP Area Type*
T018	Petroleum Site D5	NFA	Tetra Tech 2003c; Water Board 2004a	2
T018	RAD T018	NFA	Navy 2005a	1
T018	RADON T018	NFA	ERM-West 1995	1
T018	UT T018	NFA	Tetra Tech 2001c	1
			T018's Maximum ECP is	**2**
T019	Building 530 Pipeline	NFA	Water Board 2003b	2
T019	CERCLA Site 33	Prepare RI	--	6
T019	OTH T019	Sampling	See CERCLA Site 33	1
T019	RAD T019	TBD	--	7
T019	RADON T019	NFA	ERM-West 1995	1
T019	UT T019	NFA	Tetra Tech 2001c	1
			T019's Maximum ECP is	**7**
T020	Building 530 Pipeline	NFA	Water Board 2003b	2
T020	CERCLA Site 33	Prepare RI	--	6
T020	HIST T020	No closure action required	ERM-West 1996a	1
T020	OTH T020	Sampling	See CERCLA Site 33	1
T020	PCB MH-20+	Sampling	--	7
T020	PCB T020A	NFA	SULLIVAN/Tetra Tech 2004	3
T020	PCB T020B	NFA	SULLIVAN/Tetra Tech 2004	1
T020	PCB T020C	NFA	SULLIVAN/Tetra Tech 2004	1
T020	PCB T020D	NFA	SULLIVAN/Tetra Tech 2004	1
T020	PCB T020E	NFA	SULLIVAN/Tetra Tech 2004	1
T020	Petroleum Site D5	NFA	Tetra Tech 2003c; Water Board 2004a	2
T020	RAD T020	TBD	--	7
T020	RADON T020	NFA	ERM-West 1995	1
T020	UT T020	NFA	Tetra Tech 2001c	1
			T020's Maximum ECP is	**7**
T023	PCB 16756	NFA	SULLIVAN/Tetra Tech 2004	1
T023	PCB CY A	NFA	SULLIVAN/Tetra Tech 2004	1
T023	PCB TX-146	Corrective and remedial action	--	4
T023	Petroleum Site D5	NFA	Tetra Tech 2003c; Water Board 2004a	2
T023	RAD T023	NFA	Navy 2005a	1
T023	RADON T023	NFA	ERM-West 1995	1
T023	UST 450	NFA	Water Board 2003e	1

TABLE 8-1: SUMMARY OF ENVIRONMENTAL CONDITION OF PROPERTY AREA TYPES FOR ALL LOCATIONS OF CONCERN WITH MAXIMUM ECP FOR ENVIRONMENTAL BASELINE SURVEY PARCELS (Continued)

Final, Supplemental Environmental Baseline Survey, Naval Station Treasure Island

EBS Parcel	Issue ID	Status	Closure Reference	ECP Area Type*
T023	UT T023	NFA	Tetra Tech 2001c	1
			T023's Maximum ECP is	**4**
T024	Petroleum Site D5	NFA	Tetra Tech 2003c; Water Board 2004a	2
T024	RAD T024	NFA	Navy 2005a	1
T024	RADON T024	NFA	ERM-West 1995	1
T024	UST 15	NFA	Water Board 2004a	1
			T024's Maximum ECP is	**2**
T025	Petroleum Site D5	NFA	Tetra Tech 2003c; Water Board 2004a	2
T025	RAD T025	NFA	Navy 2005a	1
T025	RADON T025	NFA	ERM-West 1995	1
T025	UT T025	NFA	Tetra Tech 2001c	1
			T025's Maximum ECP is	**2**
T026	PCB 11-80B0	NFA	SULLIVAN/Tetra Tech 2004	3
T026	PCB 876011266	NFA	SULLIVAN/Tetra Tech 2004	3
T026	PCB 8-80A0	NFA	SULLIVAN/Tetra Tech 2004	1
T026	PCB 8-80C0	NFA	SULLIVAN/Tetra Tech 2004	1
T026	PCB TX-145	NFA	SULLIVAN/Tetra Tech 2004	1
T026	Petroleum Site D5	NFA	Tetra Tech 2003c; Water Board 2004a	2
T026	RAD T026	NFA	Navy 2005a	1
T026	RADON T026	NFA	ERM-West 1995	1
T026	UT T026	NFA	Tetra Tech 2001c	1
			T026's Maximum ECP is	**3**
T027	Petroleum Site D5	NFA	Tetra Tech 2003c; Water Board 2004a	2
T027	RAD T027	NFA	Navy 2005a	1
T027	RADON T027	NFA	ERM-West 1995	1
T027	UST 140	NFA	Water Board 2004d	2
T027	UT T027	NFA	Tetra Tech 2001c	1
			T027's Maximum ECP is	**2**
T028	PCB T-1035	NFA	SULLIVAN/Tetra Tech 2004	1
T028	PCB T-1036	NFA	SULLIVAN/Tetra Tech 2004	1
T028	RAD T028	NFA	Navy 2005a	1
T028	RADON T028	NFA	ERM-West 1995	1

TABLE 8-1: SUMMARY OF ENVIRONMENTAL CONDITION OF PROPERTY AREA TYPES FOR ALL LOCATIONS OF CONCERN WITH MAXIMUM ECP FOR ENVIRONMENTAL BASELINE SURVEY PARCELS (Continued)

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EBS Parcel	Issue ID	Status	Closure Reference	ECP Area Type*
T028	UT T028	NFA	Tetra Tech 2001c	1
			T028's Maximum ECP is	**1**
T029	HIST T029	NFA	Tetra Tech and U&A 1999b	1
T029	PCB T-1034	NFA	SULLIVAN/Tetra Tech 2004	1
T029	PCB T-1038	NFA	SULLIVAN/Tetra Tech 2004	1
T029	PCB T-1040	NFA	SULLIVAN/Tetra Tech 2004	1
T029	PCB TX-169	NFA	SULLIVAN/Tetra Tech 2004	3
T029	PCB TX-2006	NFA	SULLIVAN/Tetra Tech 2004	3
T029	RAD T029	NFA	Navy 2005a	1
T029	RADON T029	NFA	ERM-West 1995	1
			T029's Maximum ECP is	**3**
T030	RAD T030-228	TBD	--	7
T030	RADON T030	NFA	ERM-West 1995	1
T030	UT T030	NFA	Tetra Tech 2001c	1
			T030's Maximum ECP is	**7**
T031	PCB TX-2004	NFA	SULLIVAN/Tetra Tech 2004	3
T031	PCB TX-25	NFA	SULLIVAN/Tetra Tech 2004	1
T031	PCB TX-26	NFA	SULLIVAN/Tetra Tech 2004	1
T031	Petroleum Site D2B	NFA	Tetra Tech 2003c; Water Board 2004a	2
T031	RAD T031-226	TBD	--	7
T031	RADON T031	NFA	ERM-West 1995	1
T031	UST 227	NFA	Water Board 2004j	2
T031	UT T031	NFA	Tetra Tech 2001c	1
			T031's Maximum ECP is	**7**
T032	PCB 3-81A0	NFA	SULLIVAN/Tetra Tech 2004	1
T032	PCB 3-81B0	NFA	SULLIVAN/Tetra Tech 2004	1
T032	PCB 3-81C0	NFA	SULLIVAN/Tetra Tech 2004	1
T032	PCB TX-111A	NFA	SULLIVAN/Tetra Tech 2004	3
T032	PCB TX-111B	NFA	SULLIVAN/Tetra Tech 2004	1

TABLE 8-1: SUMMARY OF ENVIRONMENTAL CONDITION OF PROPERTY AREA TYPES FOR ALL LOCATIONS OF CONCERN WITH MAXIMUM ECP FOR ENVIRONMENTAL BASELINE SURVEY PARCELS (Continued)

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EBS Parcel	Issue ID	Status	Closure Reference	ECP Area Type*
T032	PCB TX-111C	NFA	SULLIVAN/Tetra Tech 2004	1
T032	PCB TX-24	NFA	SULLIVAN/Tetra Tech 2004	1
T032	Petroleum Site D2B	NFA	Tetra Tech 2003c; Water Board 2004a	2
T032	RAD T032-226	TBD	--	7
T032	RADON T032	NFA	ERM-West 1995	1
T032	UT T032	NFA	SSPORTS 1998b	1
			T032's Maximum ECP is	**7**
T033	PCB T-287	NFA	SULLIVAN/Tetra Tech 2004	1
T033	RAD T033	NFA	Navy 2005a	1
T033	RADON T033	NFA	ERM-West 1995	1
T033	UT T033	NFA	Tetra Tech 2001c	1
			T033's Maximum ECP is	**1**
T034	GW T034	NFA	Water Board 2003g	2
T034	PCB TX-138	Corrective and remedial action	--	4
T034	PCB TX-139	Corrective and remedial action	--	4
T034	PCB W239775	NFA	SULLIVAN/Tetra Tech 2004	1
T034	PCB YCR94011	NFA	SULLIVAN/Tetra Tech 2004	1
T034	Petroleum Site D2B	NFA	Tetra Tech 2003c; Water Board 2004a	2
T034	RAD T034	NFA	Navy 2005a	1
T034	RADON T034	NFA	ERM-West 1995	1
T034	SS 453	NFA	SulTech 2005a	1
T034	UST 452	NFA	Water Board 2003f	1
T034	UST 453	NFA	Water Board 2003f	1
T034	UT T034	NFA	Tetra Tech 2001c	1
			T034's Maximum ECP is	**4**
T035	PCB MH-11	NFA	SULLIVAN/Tetra Tech 2004	1
T035	PCB MH-11A	NFA	SULLIVAN/Tetra Tech 2004	1
T035	Petroleum Site D2B	NFA	Tetra Tech 2003c; Water Board 2004a	2
T035	RAD T035	NFA	Navy 2005a	1
T035	RADON T035	NFA	ERM-West 1995	1
T035	UT T035	NFA	Tetra Tech 2001c	1
			T035's Maximum ECP is	**2**

TABLE 8-1: SUMMARY OF ENVIRONMENTAL CONDITION OF PROPERTY AREA TYPES FOR ALL LOCATIONS OF CONCERN WITH MAXIMUM ECP FOR ENVIRONMENTAL BASELINE SURVEY PARCELS (Continued)

Final, Supplemental Environmental Baseline Survey, Naval Station Treasure Island

EBS Parcel	Issue ID	Status	Closure Reference	ECP Area Type*
T037	Petroleum Site D2B	NFA	Tetra Tech 2003c; Water Board 2004a	2
			T037's Maximum ECP is	**2**
T038	PCB TX-2007	NFA	PWC 1997	1
T038	PCB TX-2008	NFA	SULLIVAN/Tetra Tech 2004	1
T038	RAD T038	NFA	Navy 2005a	1
T038	RADON T038	NFA	ERM-West 1995	1
T038	UT T038	NFA	NA (SSPORTS 1998)	1
			T038's Maximum ECP is	**1**
T039	PCB EP 39-1	NFA	SULLIVAN/Tetra Tech 2004	3
T039	PCB TX-112A	NFA	SULLIVAN/Tetra Tech 2004	1
T039	PCB TX-112B	NFA	SULLIVAN/Tetra Tech 2004	1
T039	PCB TX-112C	NFA	SULLIVAN/Tetra Tech 2004	1
T039	PCB TX-134	NFA	SULLIVAN/Tetra Tech 2004	1
T039	PCB TX-2009	NFA	SULLIVAN/Tetra Tech 2004	1
T039	RAD T039	NFA	Navy 2005a	1
T039	RADON T039	NFA	ERM-West 1995	1
T039	UT T039	NFA	Tetra Tech 2001c	1
			T039's Maximum ECP is	**3**
T040	RAD T040	NFA	Navy 2005a	1
T040	RADON T040	NFA	ERM-West 1995	1
T040	UT T040	NFA	Tetra Tech 2001c	1
			T040's Maximum ECP is	**1**
T041	Petroleum Site D2A	NFA	Tetra Tech 2003c; Water Board 2004a	2
T041	RAD T041	NFA	Navy 2005a	1
T041	RADON T041	NFA	ERM-West 1995	1
T041	UT T041	NFA	Tetra Tech 2001c	1
			T041's Maximum ECP is	**2**
T042	HW T042	No closure action required	ERM-West 1995	1
T042	Petroleum Site D2A	NFA	Tetra Tech 2003c; Water Board 2004a	2
T042	Petroleum Site D5	NFA	Tetra Tech 2003c; Water Board 2004a	2
T042	Petroleum Site F2B	Prepare report	--	2
T042	RAD T042	NFA	Navy 2005a	1

TABLE 8-1: SUMMARY OF ENVIRONMENTAL CONDITION OF PROPERTY AREA TYPES FOR ALL LOCATIONS OF CONCERN WITH MAXIMUM ECP FOR ENVIRONMENTAL BASELINE SURVEY PARCELS (Continued)

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EBS Parcel	Issue ID	Status	Closure Reference	ECP Area Type*
T042	RADON T042	NFA	ERM-West 1995	1
T042	UT T042	NFA	Tetra Tech 2001c	1
			T042's Maximum ECP is	**2**
T048	HW T048	No closure action required	BCT 2002c	1
T048	Petroleum Site D2A	NFA	Tetra Tech 2003c; Water Board 2004a	2
T048	Petroleum Site F2B	Prepare report	--	2
T048	RAD T048-19	NFA	--	7
T048	RADON T048	NFA	ERM-West 1995	1
T048	UT T048	NFA	Tetra Tech 2001c	1
			T048's Maximum ECP is	**7**
T049	Petroleum Site F2B	Prepare report	--	2
T049	RAD T049	NFA	Navy 2005a	1
T049	RADON T049	NFA	ERM-West 1995	1
T049	SS 258	NFA	SulTech 2005a	1
T049	UT T049	NFA	Tetra Tech 2001c	1
			T049's Maximum ECP is	**2**
T050	PCB T050	NFA	SULLIVAN/Tetra Tech 2004	1
T050	Petroleum Site D4B	NFA	Tetra Tech 2003c; Water Board 2004a	2
T050	RAD T050-19	TBD	--	7
T050	RADON T050	NFA	ERM-West 1995	1
T050	UT T050	NFA	Tetra Tech 2001c	1
			T050's Maximum ECP is	**7**
T051	RAD T051	NFA	Navy 2005a	1
T051	RADON T051	NFA	ERM-West 1995	1
T051	UT T051	NFA	Tetra Tech 2001c	1
			T051's Maximum ECP is	**1**
T052	PCB TX-10	NFA	SULLIVAN/Tetra Tech 2004	1
T052	PCB TX-11	NFA	SULLIVAN/Tetra Tech 2004	1
T052	PCB TX-9	NFA	SULLIVAN/Tetra Tech 2004	1
T052	Petroleum Site D4A	NFA	Tetra Tech 2003c; Water Board 2004a	2
T052	RAD T052	NFA	Navy 2005a	1
T052	RADON T052	NFA	ERM-West 1995	1
T052	SS 393	NFA	See Petroleum Site D4A	2
T052	UT T052	NFA	Tetra Tech 2001c	1
			T052's Maximum ECP is	**2**

TABLE 8-1: SUMMARY OF ENVIRONMENTAL CONDITION OF PROPERTY AREA TYPES FOR ALL LOCATIONS OF CONCERN WITH MAXIMUM ECP FOR ENVIRONMENTAL BASELINE SURVEY PARCELS (Continued)

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EBS Parcel	Issue ID	Status	Closure Reference	ECP Area Type*
T053	PCB TX-130	NFA	SULLIVAN/Tetra Tech 2004	3
T053	Petroleum Site D4A	NFA	Tetra Tech 2003c; Water Board 2004a	2
T053	RAD T053	NFA	Navy 2005a	1
T053	RADON T053	NFA	ERM-West 1995	1
T053	UT T053	NFA	Tetra Tech 2001c	1
			T053's Maximum ECP is	**3**
T054	PB T054	NFA	BCT 2002c	1
T054	Petroleum Site D4A	NFA	Tetra Tech 2003c; Water Board 2004a	2
T054	RAD T054	NFA	Navy 2005a	1
T054	RADON T054	NFA	ERM-West 1995	1
T054	UT T054	NFA	Tetra Tech 2001c	1
			T054's Maximum ECP is	**2**
T055	CERCLA Site 24	Prepare RI	--	6
T055	HIST T055	No closure action required	ERM-West 1996a	1
T055	Petroleum Site D4A	NFA	Tetra Tech 2003c; Water Board 2004a	2
T055	Petroleum Site D4B	NFA	Tetra Tech 2003c; Water Board 2004a	2
T055	RAD T055	TBD	--	7
T055	RADON T055	NFA	ERM-West 1995	1
T055	SS 379	NFA	SulTech 2005a	1
T055	SS T055	NFA	BCT 2002a; ERM-West 1996a	1
T055	UST 29	NFA	Water Board 2004a	2
T055	UT T055	NFA	Tetra Tech and U&A 1999a	1
			T055's Maximum ECP is	**7**
T056	Building 530 Pipeline	NFA	Water Board 2003b	2
T056	CERCLA Site 24	Prepare RI	--	6
T056	CERCLA Site 33	Prepare RI	--	6
T056	HIST T056	Continued field work	Shaw 2005a; DTSC 2005b	1
T056	HW T056A	No closure action required	ERM-West 1995	1
T056	HW T056B	No closure action required	ERM-West 1995	1
T056	ORD 107	No closure action required	ERM-West 1995	1
T056	PCB T056+	Sampling	--	7
T056	PCB TX-2027+	Sampling	--	7
T056	PCB TX-2028+	Sampling	--	7
T056	PCB TX-2029+	Sampling	--	7
T056	PCB TX-2030+	Sampling	--	7

TABLE 8-1: SUMMARY OF ENVIRONMENTAL CONDITION OF PROPERTY AREA TYPES FOR ALL LOCATIONS OF CONCERN WITH MAXIMUM ECP FOR ENVIRONMENTAL BASELINE SURVEY PARCELS (Continued)

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EBS Parcel	Issue ID	Status	Closure Reference	ECP Area Type*
T056	Petroleum Site 19	NFA	Water Board 2003h	2
T056	Petroleum Site D4B	NFA	Tetra Tech 2003c; Water Board 2004a	2
T056	Petroleum Site D5	NFA	Tetra Tech 2003c; Water Board 2004a	2
T056	Petroleum Site F2A	Prepare report	--	2
T056	Petroleum Site F2B	Prepare report	--	2
T056	RAD T056-107	TBD	--	7
T056	RAD T056-293	TBD	--	7
T056	RADON T056	NFA	ERM-West 1995	1
T056	SS 230	NFA	SulTech 2005a	1
T056	SS 99B	NFA	SulTech 2005a	1
T056	UST 230 (TI)	NFA	Water Board 1997	2
T056	UST 234	NFA	Water Board 2003e	2
T056	UT T056	NFA	Tetra Tech 2001c	1
			T056's Maximum ECP is	**7**
T057	AST 455A	No closure action required	CCSFDPH 1998a	1
T057	AST 455B	No closure action required	CCSFDPH 1998a	1
T057	AST 455C	No closure action required	CCSFDPH 1998a	1
T057	AST 455D	No closure action required	NA	1
T057	CERCLA Site 24	Prepare RI	--	6
T057	CERCLA Site 33	Prepare RI	--	6
T057	HW T057	No closure action required	ERM-West 1995	1
T057	PCB TX-132	NFA	SULLIVAN/Tetra Tech 2004	1
T057	Petroleum Site F2B	Prepare report	--	2
T057	RAD T057	TBD	--	7
T057	RADON T057	NFA	ERM-West 1995	1
T057	SS 455A	NFA	See Petroleum Site F2B	2
T057	SS 455B	NFA	See Petroleum Site F2B	2
T057	SS 455C	NFA	SulTech 2005a	1
T057	UT T057	NFA	Tetra Tech 2001c	1
			T057's Maximum ECP is	**7**
T058	AST 103	No closure action required	CCSFDPH 1998a	1
T058	AST 104	No closure action required	CCSFDPH 1998a	1
T058	CERCLA Site 24	Prepare RI	--	6
T058	CERCLA Site 33	Prepare RI	--	6
T058	Petroleum Site F2B	Prepare report	--	2
T058	RAD T058	TBD	--	7
T058	RADON T058	NFA	ERM-West 1995	1
T058	SS T058	NFA	See Petroleum Site F2B	2
T058	UT T058	NFA	Tetra Tech 2001c	1
			T058's Maximum ECP is	**7**

TABLE 8-1: SUMMARY OF ENVIRONMENTAL CONDITION OF PROPERTY AREA TYPES FOR ALL LOCATIONS OF CONCERN WITH MAXIMUM ECP FOR ENVIRONMENTAL BASELINE SURVEY PARCELS (Continued)

Final, Supplemental Environmental Baseline Survey, Naval Station Treasure Island

EBS Parcel	Issue ID	Status	Closure Reference	ECP Area Type*
T059	CERCLA Site 24	Prepare RI	--	6
T059	HIST T059	NFA	Shaw 2005a; DTSC 2005a	3
T059	PCB TX-131+	Sampling	--	7
T059	PCB TX-2035+	Sampling	--	7
T059	PCB TX-2036+	Sampling	--	7
T059	PCB TX-2037+	Sampling	--	7
T059	Petroleum Site D4A	NFA	Tetra Tech 2003c; Water Board 2004a	2
T059	Petroleum Site D4B	NFA	Tetra Tech 2003c; Water Board 2004a	2
T059	Petroleum Site F2B	NFA	Tetra Tech 2003c; Water Board 2004a	2
T059	RAD T059	TBD	--	7
T059	RADON T059	NFA	ERM-West 1995	1
T059	SS 99A	NFA	BCT 2002b	3
T059	SS T059	NFA	NAVSTA TI 1997-1998	1
T059	SS T065	NFA	NAVSTA TI 1997-1998	1
T059	UT T059	NFA	Tetra Tech 2001c	1
			T059's Maximum ECP is	**7**
T060	CERCLA Site 24	Prepare RI	--	6
T060	Petroleum Site D4B	NFA	Tetra Tech 2003c; Water Board 2004a	2
T060	RAD T060	TBD	--	7
T060	RADON T060	NFA	ERM-West 1995	1
T060	SS T060	NFA	NAVSTA TI 1997-1998	1
T060	UT T060	NFA	Tetra Tech 2001c	1
			T060's Maximum ECP is	**7**
T061	PCB TX-129	NFA	SULLIVAN/Tetra Tech 2004	3
T061	Petroleum Site D4A	NFA	Tetra Tech 2003c; Water Board 2004a	2
T061	Petroleum Site D4B	NFA	Tetra Tech 2003c; Water Board 2004a	2
T061	RAD T061	TBD	--	7
T061	RADON T061	NFA	ERM-West 1995	1
T061	UT T061	NFA	Tetra Tech 2001c	1
			T061's Maximum ECP is	**7**
T062	Petroleum Site D4A	NFA	Tetra Tech 2003c; Water Board 2004a	2
T062	Petroleum Site D4B	NFA	Tetra Tech 2003c; Water Board 2004a	2
T062	RAD T062	NFA	Navy 2005a	1
T062	RADON T062	NFA	ERM-West 1995	1

TABLE 8-1: SUMMARY OF ENVIRONMENTAL CONDITION OF PROPERTY AREA TYPES FOR ALL LOCATIONS OF CONCERN WITH MAXIMUM ECP FOR ENVIRONMENTAL BASELINE SURVEY PARCELS (Continued)

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EBS Parcel	Issue ID	Status	Closure Reference	ECP Area Type*
T062	UT T062	NFA	ERM-West 1995; Tetra Tech and U&A 1998a	1
			T062's Maximum ECP is	**2**
T063	Petroleum Site D4A	NFA	Tetra Tech 2003c; Water Board 2004a	2
T063	RAD T063	NFA	Navy 2005a	1
T063	RADON T063	NFA	ERM-West 1995	1
T063	UT T063	NFA	ERM-West 1995; Tetra Tech and U&A 1998a	1
			T063's Maximum ECP is	**2**
T064	RAD T064	NFA	Navy 2005a	1
T064	RADON T064	NFA	ERM-West 1995	1
			T064's Maximum ECP is	**1**
T065	CERCLA Site 24	Prepare RI	--	6
T065	HIST 65	NFA	Shaw 2005a; DTSC 2005a	1
T065	Petroleum Site 04	NFA	Water Board 2003h	2
T065	RAD T065	TBD	--	7
T065	RADON T065	NFA	ERM-West 1995	1
T065	UT T065	NFA	Tetra Tech 2001c	1
			T065's Maximum ECP is	**7**
T066	AST T066	No closure action required	NA	1
T066	CERCLA Site 24	Prepare RI	--	6
T066	HIST T066	NFA	Shaw 2005a; DTSC 2005a	3
T066	HW IDWA	NFA	See Petroleum Site 04/19; Shaw 2005a; DTSC 2005a	1
T066	HW IDWB	NFA	See Petroleum Site 04/19; Shaw 2005a; DTSC 2005a	1
T066	HW IDWC	NFA	See Petroleum Site 04/19; Shaw 2005a; DTSC 2005a	1
T066	PCB B752+	Sampling	--	7
T066	PCB G-34+	Sampling	--	7
T066	PCB T066+	Sampling	--	7
T066	PCB TX-124	NFA	SULLIVAN/Tetra Tech 2004	1
T066	Petroleum Site 04	NFA	Water Board 2003h	2
T066	Petroleum Site 19	NFA	Water Board 2003h	2
T066	RAD T066	TBD	--	7
T066	RADON T066	NFA	ERM-West 1995	1

TABLE 8-1: SUMMARY OF ENVIRONMENTAL CONDITION OF PROPERTY AREA TYPES FOR ALL LOCATIONS OF CONCERN WITH MAXIMUM ECP FOR ENVIRONMENTAL BASELINE SURVEY PARCELS (Continued)

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EBS Parcel	Issue ID	Status	Closure Reference	ECP Area Type*
T066	SS 342	NFA	SulTech 2005a	1
T066	SS TX-124	NFA	See Petroleum Site 04/19	2
T066	UT T066	NFA	Tetra Tech 2001c	1
			T066's Maximum ECP is	**7**
T067	CERCLA Site 24	Prepare RI	--	6
T067	HW T067	No closure action required	ERM-West 1995	1
T067	ORD 458	No closure action required	ERM-West 1995	1
T067	PCB TX-123+	Sampling	--	7
T067	PCB TX-2031+	Sampling	--	7
T067	PCB TX-4	NFA	SULLIVAN/Tetra Tech 2004	1
T067	PCB TX-5	NFA	SULLIVAN/Tetra Tech 2004	1
T067	Petroleum Site 04	NFA	Water Board 2003h	2
T067	Petroleum Site 19	NFA	Water Board 2003h	2
T067	Petroleum Site F2A	Prepare report	--	2
T067	Petroleum Site F2B	Prepare report	--	2
T067	RAD T067	TBD	--	7
T067	RADON T067	NFA	ERM-West 1995	1
T067	SS 458	NFA	SulTech 2005a	1
T067	SS T067	NFA	See Petroleum Site 04/19	2
T067	UST 14A	Sampling	--	1
T067	UST 14B	Sampling	--	1
T067	UT T067	NFA	Tetra Tech 2001c	1
			T067's Maximum ECP is	**7**
T068	AST FF1 (P1)	No closure action required	NA	1
T068	AST FF2 (P2)	No closure action required	NA	1
T068	AST FF3 (P3)	No closure action required	NA	1
T068	PCB TX-6	NFA	SULLIVAN/Tetra Tech 2004	1
T068	PCB TX-7	NFA	SULLIVAN/Tetra Tech 2004	1
T068	PCB TX-8	NFA	SULLIVAN/Tetra Tech 2004	1
T068	Petroleum Site D1A	NFA	Tetra Tech 2003c; Water Board 2004a	2
T068	RAD T68	NFA	Navy 2005a	1
T068	RADON T068	NFA	ERM-West 1995	1
T068	SS T068	NFA	ERM-West 1995	1
T068	UT T068	NFA	Tetra Tech 2001c	1
			T068's Maximum ECP is	**2**

TABLE 8-1: SUMMARY OF ENVIRONMENTAL CONDITION OF PROPERTY AREA TYPES FOR ALL LOCATIONS OF CONCERN WITH MAXIMUM ECP FOR ENVIRONMENTAL BASELINE SURVEY PARCELS (Continued)

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EBS Parcel	Issue ID	Status	Closure Reference	ECP Area Type*
T069	HIST 69	NFA	Shaw 2005a; DTSC 2005a	1
T069	RAD T069	TBD	--	7
T069	RADON T069	NFA	ERM-West 1995	1
			T069's Maximum ECP is	**7**
T070	Petroleum Site D1A	NFA	Tetra Tech 2003c; Water Board 2004a	2
T070	RAD T070	NFA	Navy 2005a	1
T070	RADON T070	NFA	ERM-West 1995	1
T070	UT T070	NFA	Tetra Tech 2001c	1
			T070's Maximum ECP is	**2**
T071	HIST T071	No closure action required	BCT 2002c	1
T071	RAD T071	NFA	Navy 2005a	1
T071	RADON T071	NFA	ERM-West 1995	1
T071	UT T071	NFA	Tetra Tech 2001c	1
			T071's Maximum ECP is	**1**
T072	RAD T072	NFA	Navy 2005a	1
T072	RADON T072	NFA	ERM-West 1995	1
			T072's Maximum ECP is	**1**
T073	OTH T073	NFA	ERM-West 1996a	1
T073	PCB TX-43	NFA	SULLIVAN/Tetra Tech 2004	1
T073	RAD T073	NFA	Navy 2005a	1
T073	RADON T073	NFA	ERM-West 1995	1
T073	UT T073	NFA	Tetra Tech 2001c	1
			T073's Maximum ECP is	**1**
T074	AST 691	No closure action required	NA	1
T074	PCB HL330 (1)	NFA	SULLIVAN/Tetra Tech 2004	1
T074	PCB HL330 (2)	NFA	SULLIVAN/Tetra Tech 2004	1
T074	PCB HL330 (3)	NFA	SULLIVAN/Tetra Tech 2004	1
T074	Petroleum Site 14	Requesting NFA	--	2
T074	Petroleum Site 22	Requesting NFA	--	2
T074	Petroleum Site D1A	NFA	Tetra Tech 2003c; Water Board 2004a	2
T074	RAD T074	NFA	Navy 2005a	1
T074	RADON T074	NFA	ERM-West 1995	1
T074	SS T074	NFA	ERM-West 1995	2

TABLE 8-1: SUMMARY OF ENVIRONMENTAL CONDITION OF PROPERTY AREA TYPES FOR ALL LOCATIONS OF CONCERN WITH MAXIMUM ECP FOR ENVIRONMENTAL BASELINE SURVEY PARCELS (Continued)

Final, Supplemental Environmental Baseline Survey, Naval Station Treasure Island

EBS Parcel	Issue ID	Status	Closure Reference	ECP Area Type*
T074	UST 330A	Corrective and remedial action	Petroleum CAP Site 14/22 Closure Report (Pending)	2
T074	UST 330B	Corrective and remedial action	Petroleum CAP Site 14/22 Closure Report (Pending)	2
T074	UST 330C	NFA	Water Board 1996	2
T074	UST 330E	Corrective and remedial action	Petroleum CAP Site 14/22 Closure Report (Pending)	2
T074	UST 330F	Corrective and remedial action	Petroleum CAP Site 14/22 Closure Report (Pending)	2
T074	UT T074	NFA	Tetra Tech 2001c	1
			T074's Maximum ECP is	**2**
T076	AST 4	No closure action required	NA	2
T076	AST 456	No closure action required	NA	2
T076	AST 5	No closure action required	NA	2
T076	AST 6A	No closure action required	Navy 1999	2
T076	AST 6B	No closure action required	Navy 1999	2
T076	AST 6C	No closure action required	Navy 1999	2
T076	AST 6D	No closure action required	Navy 1999	2
T076	AST 6E	No closure action required	Navy 1999	2
T076	AST 6F	No closure action required	Navy 1999	2
T076	AST 6G	No closure action required	Navy 1999	2
T076	OTH T076	NFA	BCT 2004	4
T076	PCB EP 76-1	NFA	SULLIVAN/Tetra Tech 2004	1
T076	PCB TX-125	NFA	SULLIVAN/Tetra Tech 2004	1
T076	Petroleum Site 14	Requesting NFA	--	2
T076	RAD T076	NFA	Navy 2005a	1
T076	RADON T076	NFA	ERM-West 1995	1
T076	SS 85	Continued field work	See Petroleum Site 14/22	2
T076	SS T076A	NFA	ERM-West 1995	2
T076	SS T076B	NFA	ERM-West 1995	2
T076	SS T076C	NFA	ERM-West 1995	2
T076	SS T076D	Requesting NFA	See Petroleum Site 14/22	2
T076	SS T076E	NFA	See Petroleum Site 14/22	2
T076	UST 330D	NFA	Water Board 1996	2

TABLE 8-1: SUMMARY OF ENVIRONMENTAL CONDITION OF PROPERTY AREA TYPES FOR ALL LOCATIONS OF CONCERN WITH MAXIMUM ECP FOR ENVIRONMENTAL BASELINE SURVEY PARCELS (Continued)

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EBS Parcel	Issue ID	Status	Closure Reference	ECP Area Type*
T076	UST 85	Prepare report	Petroleum CAP Site 14/22 Closure Report (Pending)	2
T076	UST FF8	NFA	Water Board 2003f	1
T076	UT T076	NFA	Tetra Tech 2001c	1
			T076's Maximum ECP is	**4**
T077	PCB TX-21	NFA	SULLIVAN/Tetra Tech 2004	1
T077	PCB TX-22	NFA	SULLIVAN/Tetra Tech 2004	1
T077	PCB TX-23	NFA	SULLIVAN/Tetra Tech 2004	1
T077	RAD T077	NFA	Navy 2005a	1
T077	RADON T077	NFA	ERM-West 1995	1
T077	SS T077	NFA	NAVSTA TI 1998-1999	1
T077	UT T077	NFA	Tetra Tech 2001c	1
			T077's Maximum ECP is	**1**
T078	AST 672	No closure action required	NA	1
T078	OTH T078	No closure action required	ERM-West 1995	1
T078	PCB TX-2002	NFA	SULLIVAN/Tetra Tech 2004	1
T078	RAD T078	NFA	Navy 2005a	1
T078	RADON T078	NFA	ERM-West 1995	1
T078	SS T078	NFA	NAVSTA TI 1998-1999	1
T078	UT T078	NFA	Tetra Tech 2001c	1
			T078's Maximum ECP is	**1**
T079	PCB EP 79-1	NFA	SULLIVAN/Tetra Tech 2004	3
T079	PCB T079A	NFA	SULLIVAN/Tetra Tech 2004	1
T079	PCB T079B	NFA	SULLIVAN/Tetra Tech 2004	1
T079	PCB T079C	NFA	SULLIVAN/Tetra Tech 2004	1
T079	PCB T079D	NFA	SULLIVAN/Tetra Tech 2004	1
T079	PCB TX-113	NFA	SULLIVAN/Tetra Tech 2004	1
T079	PCB TX-2034	NFA	SULLIVAN/Tetra Tech 2004	1
T079	RAD T079	TBD	--	7
T079	RADON T079	NFA	ERM-West 1995	1
T079	SS T079A	NFA	NAVSTA TI 1998-1999	1
T079	SS T079B	NFA	NAVSTA TI 1997-1998	1

TABLE 8-1: SUMMARY OF ENVIRONMENTAL CONDITION OF PROPERTY AREA TYPES FOR ALL LOCATIONS OF CONCERN WITH MAXIMUM ECP FOR ENVIRONMENTAL BASELINE SURVEY PARCELS (Continued)

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EBS Parcel	Issue ID	Status	Closure Reference	ECP Area Type*
T079	UT T079	NFA	Tetra Tech 2001c	1
			T079's Maximum ECP is	**7**
T080	AST 572	No closure action required	NA	1
T080	PCB 29-5/87-189538	NFA	SULLIVAN/Tetra Tech 2004	1
T080	PCB EP 80-1	NFA	SULLIVAN/Tetra Tech 2004	3
T080	PCB T080	NFA	SULLIVAN/Tetra Tech 2004	1
T080	PCB TX-173	NFA	SULLIVAN/Tetra Tech 2004	1
T080	RAD T080	NFA	Navy 2005a	1
T080	RADON T080	NFA	ERM-West 1995	1
T080	SS 571	NFA	ERM-West 1996a	1
T080	SS T080A	NFA	ERM-West 1996a	1
T080	SS T080B	NFA	BCT 2002b	1
T080	UT T080	NFA	Tetra Tech 2001c	1
			T080's Maximum ECP is	**3**
T081	HIST T081	NFA	Shaw 2005a; DTSC 2005a	1
T081	PCB TX-126	NFA	SULLIVAN/Tetra Tech 2004	1
T081	PCB TX-127	TBD	--	4
T081	PCB TX-35	NFA	SULLIVAN/Tetra Tech 2004	1
T081	PCB TX-36	NFA	SULLIVAN/Tetra Tech 2004	1
T081	PCB TX-37	NFA	SULLIVAN/Tetra Tech 2004	1
T081	Petroleum Site D4A	NFA	Tetra Tech 2003c; Water Board 2004a	2
T081	RAD T081	NFA	Navy 2005a	1
T081	RADON T081	NFA	ERM-West 1995	1
T081	SS T081	NFA	BCT 2002a	1
T081	UT T081	NFA	Tetra Tech 2001c	1
			T081's Maximum ECP is	**4**
T082	RAD T082	NFA	Navy 2005a	1
T082	RADON T082	NFA	ERM-West 1995	1
			T082's Maximum ECP is	**1**
T083	RAD T083	NFA	Navy 2005a	1
T083	RADON T083	NFA	ERM-West 1995	1
T083	UT T083	NFA	Tetra Tech 2001c	1
			T083's Maximum ECP is	**1**

TABLE 8-1: SUMMARY OF ENVIRONMENTAL CONDITION OF PROPERTY AREA TYPES FOR ALL LOCATIONS OF CONCERN WITH MAXIMUM ECP FOR ENVIRONMENTAL BASELINE SURVEY PARCELS (Continued)

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EBS Parcel	Issue ID	Status	Closure Reference	ECP Area Type*
T084	PCB TX-128	NFA	SULLIVAN/Tetra Tech 2004	3
T084	Petroleum Site D4A	NFA	Tetra Tech 2003c; Water Board 2004a	2
T084	RAD T084	NFA	Navy 2005a	1
T084	RADON T084	NFA	ERM-West 1995	1
T084	SS 201	NFA	SulTech 2005a	1
T084	UST 201	NFA	Water Board 2004b	2
T084	UT T084	NFA	Tetra Tech 2001c	1
			T084's Maximum ECP is	**3**
T085	AST 202	NFA	See SS 540; CCSFDPH 1998b	1
T085	RAD T085	NFA	Navy 2005a	1
T085	RADON T085	NFA	ERM-West 1995	1
T085	SS 202	NFA	SulTech 2005a	1
T085	SS T085	NFA	BCT 2002a	1
T085	UT T085	NFA	Tetra Tech 2001c	1
			T085's Maximum ECP is	**1**
T086	OTH T086	NFA	Water Board 2003c	2
T086	PCB TX-15	NFA	SULLIVAN/Tetra Tech 2004	1
T086	PCB TX-16	NFA	SULLIVAN/Tetra Tech 2004	1
T086	PCB TX-17	NFA	SULLIVAN/Tetra Tech 2004	1
T086	PCB TX-2038	NFA	SULLIVAN/Tetra Tech 2004	1
T086	RAD T086	TBD	--	7
T086	RADON T086	NFA	ERM-West 1995	1
T086	SS T086A	NFA	NAVSTA TI 1997-1998	1
T086	SS T086B	NFA	BCT 2002a	1
T086	SS T086C	NFA	NAVSTA TI 1998-1999	1
T086	UT T086	NFA	Tetra Tech 2001c	1
			T086's Maximum ECP is	**7**
T087	RAD T087	TBD	--	7
T087	RADON T087	NFA	ERM-West 1995	1
T087	UT T087	NFA	Tetra Tech 2001c	1
			T087's Maximum ECP is	**7**
T088	HW T088	No closure action required	ERM-West 1995	1
T088	OTH T088	NFA	DTSC 2005a	3
T088	RAD T088	NFA	Navy 2005a	1
T088	RADON T088	NFA	ERM-West 1995	1
T088	UT T088	NFA	Tetra Tech 2001c	1

TABLE 8-1: SUMMARY OF ENVIRONMENTAL CONDITION OF PROPERTY AREA TYPES FOR ALL LOCATIONS OF CONCERN WITH MAXIMUM ECP FOR ENVIRONMENTAL BASELINE SURVEY PARCELS (Continued)

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EBS Parcel	Issue ID	Status	Closure Reference	ECP Area Type*
			T088's Maximum ECP is	**3**
T089	CERCLA Site 12	Prepare RI	--	6
T089	CERCLA Site 31	Prepare RI	--	6
T089	RAD T089	TBD	--	7
T089	RADON T089	NFA	ERM-West 1995	1
T089	SS T089	NFA	Shaw 2005a; DTSC 2005a	1
T089	UT T089	NFA	Tetra Tech 2001c	1
			T089's Maximum ECP is	**7**
T090	RAD T090	NFA	Navy 2005a	1
T090	RADON T090	NFA	ERM-West 1995	1
T090	SS T090	NFA	Shaw 2005a; DTSC 2005a	1
T090	UT T090	NFA	Tetra Tech 2001c	1
			T090's Maximum ECP is	**1**
T091	AST 540	No closure action required	CCSFDPH 1998c	2
T091	OTH T091	NFA	DTSC 2005a	3
T091	PCB EP 91-1	NFA	SULLIVAN/Tetra Tech 2004	3
T091	PCB EY	NFA	SULLIVAN/Tetra Tech 2004	1
T091	PCB TX-142	NFA	SULLIVAN/Tetra Tech 2004	1
T091	PCB TX-147	Corrective and remedial action	--	4
T091	RAD T091	NFA	Navy 2005a	1
T091	RADON T091	NFA	ERM-West 1995	1
T091	SS 540	NFA	BCT 2002a; ERM-West 1996a	2
T091	SS T091A	NFA	BCT 2002a	1
T091	SS T091B	NFA	ERM-West 1995; BCT 2002a	1
T091	UT T091	NFA	Tetra Tech 2001c	1
			T091's Maximum ECP is	**4**
T092	CERCLA Site 01	NFA	DTSC 2002a	1
T092	CERCLA Site 31	Prepare RI	--	6
T092	ORD T092	NFA	Not required	1
T092	PB T092	NFA	Shaw 2005a; DTSC 2005a	1
T092	PCB TX-148	NFA	SULLIVAN/Tetra Tech 2004	1
T092	PCB TX-168	NFA	SULLIVAN/Tetra Tech 2004	3
T092	RAD T092	TBD	--	7

TABLE 8-1: SUMMARY OF ENVIRONMENTAL CONDITION OF PROPERTY AREA TYPES FOR ALL LOCATIONS OF CONCERN WITH MAXIMUM ECP FOR ENVIRONMENTAL BASELINE SURVEY PARCELS (Continued)

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EBS Parcel	Issue ID	Status	Closure Reference	ECP Area Type*
T092	RADON T092	NFA	ERM-West 1995	1
T092	UST 257	NFA	Water Board 1997	2
T092	UT T092	NFA	Tetra Tech 2001c	1
			T092's Maximum ECP is	**7**
T093	PCB T093	NFA	SULLIVAN/Tetra Tech 2004	3
T093	PCB TX-27	NFA	SULLIVAN/Tetra Tech 2004	1
T093	PCB TX-28A	NFA	SULLIVAN/Tetra Tech 2004	1
T093	PCB TX-29	NFA	SULLIVAN/Tetra Tech 2004	1
T093	PEST T093	NFA	Shaw 2005a; DTSC 2005b	3
T093	RAD T093	NFA	Navy 2005a	1
T093	RADON T093	NFA	ERM-West 1995	1
T093	UT T093	NFA	Tetra Tech 2001c	1
			T093's Maximum ECP is	**3**
T094	CERCLA Site 30	Prepare RI	--	6
T094	CERCLA Site 31	Prepare RI	--	6
T094	PCB TX-30	NFA	SULLIVAN/Tetra Tech 2004	1
T094	RAD T094	TBD	--	7
T094	RADON T094	NFA	ERM-West 1995	1
T094	UT T094	NFA	Tetra Tech 2001c	1
			T094's Maximum ECP is	**7**
T095	CERCLA Site 31	Prepare RI	--	6
T095	RAD T095	TBD	--	7
T095	RADON T095	NFA	ERM-West 1995	1
T095	UT T095	NFA	Tetra Tech 2001c	1
			T095's Maximum ECP is	**7**
T096	CERCLA Site 12	Prepare RI	--	6
T096	PCB TX-2018+	Sampling	--	7
T096	PCB TX-2019+	Sampling	--	7
T096	PCB TX-2020+	Sampling	--	7
T096	PCB TX-2021+	Sampling	--	7
T096	PCB TX-2022+	Sampling	--	7
T096	PCB TX-46+	Sampling	--	7
T096	RAD T096	TBD	--	7
T096	RADON T096	NFA	ERM-West 1995	1
T096	UT T096	NFA	Tetra Tech 2001c	1
			T096's Maximum ECP is	**7**

TABLE 8-1: SUMMARY OF ENVIRONMENTAL CONDITION OF PROPERTY AREA TYPES FOR ALL LOCATIONS OF CONCERN WITH MAXIMUM ECP FOR ENVIRONMENTAL BASELINE SURVEY PARCELS (Continued)

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EBS Parcel	Issue ID	Status	Closure Reference	ECP Area Type*
T097	CERCLA Site 12	Prepare RI	--	6
T097	CERCLA Site 31	Prepare RI	--	6
T097	HW T097	No closure action required	ERM-West 1995	1
T097	PCB 771015910	NFA	SULLIVAN/Tetra Tech 2004	1
T097	PCB HL225 (1)	NFA	SULLIVAN/Tetra Tech 2004	1
T097	PCB HL225 (2)	NFA	SULLIVAN/Tetra Tech 2004	1
T097	PCB T097A	NFA	SULLIVAN/Tetra Tech 2004	1
T097	PCB T097B	NFA	SULLIVAN/Tetra Tech 2004	1
T097	PCB TX-12	NFA	SULLIVAN/Tetra Tech 2004	1
T097	PCB TX-13	NFA	SULLIVAN/Tetra Tech 2004	1
T097	PCB TX-14	NFA	SULLIVAN/Tetra Tech 2004	1
T097	PCB TX-31	NFA	SULLIVAN/Tetra Tech 2004	1
T097	Petroleum Site 20	NFA	Water Board 2004g	2
T097	RAD T097	TBD	--	7
T097	RADON T097	NFA	ERM-West 1995	1
T097	SS T097A	NFA	Water Board 2004g	2
T097	SS T097B	NFA	Water Board 2004g	2
T097	SS T097C	NFA	Water Board 2004g	2
T097	UST 225A	NFA	Water Board 2004c	2
T097	UST 225B	NFA	Water Board 2004c	2
T097	UST 225C	NFA	Water Board 2004c	2
T097	UST 225D	NFA	Water Board 2004c	2
T097	UST 267	NFA	Water Board 2003f	1
T097	UT T097	NFA	Tetra Tech 2001c	1
			T097's Maximum ECP is	**7**
T098	HIST T098	NFA	Shaw 2005a; DTSC 2005a	1
T098	RAD T098	TBD	--	7
T098	RADON T098	NFA	ERM-West 1995	1
T098	SS 157A	NFA	Shaw 2005a; DTSC 2005a	1
T098	SS 157B	NFA	SulTech 2005a	1
T098	UT T098	NFA	Tetra Tech 2001c	1
			T098's Maximum ECP is	**7**
T099	CERCLA Site 12	Prepare RI	--	6

TABLE 8-1: SUMMARY OF ENVIRONMENTAL CONDITION OF PROPERTY AREA TYPES FOR ALL LOCATIONS OF CONCERN WITH MAXIMUM ECP FOR ENVIRONMENTAL BASELINE SURVEY PARCELS (Continued)

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EBS Parcel	Issue ID	Status	Closure Reference	ECP Area Type*
T099	PCB 771015888	NFA	SULLIVAN/Tetra Tech 2004	1
T099	PCB TX-2012+	Sampling	--	7
T099	PCB TX-2013+	Sampling	--	7
T099	PCB TX-2014+	Sampling	--	7
T099	PCB TX-2015+	Sampling	--	7
T099	PCB TX-2016+	Sampling	--	7
T099	PCB TX-2017+	Sampling	--	7
T099	RAD T099	TBD	--	7
T099	RADON T099	NFA	ERM-West 1995	1
T099	UT T099	NFA	Tetra Tech 2001c	1
			T099's Maximum ECP is	**7**
T100	CERCLA Site 12	Prepare RI	--	6
T100	HIST T100	No closure action required	BCT 2002c	1
T100	PCB TX-154+	Sampling	--	7
T100	PCB TX-155+	Sampling	--	7
T100	PCB TX-157+	Sampling	--	7
T100	PCB TX-2010+	Sampling	--	7
T100	RAD T100	TBD	--	7
T100	RADON T100	NFA	ERM-West 1995	1
T100	SS TX158	NFA	SULLIVAN/Tetra Tech 2004; Shaw 2005a; DTSC 2005a	1
T100	UT T100	NFA	Tetra Tech 2001c	1
			T100's Maximum ECP is	**7**
T101	CERCLA Site 12	Prepare RI	--	6
T101	PCB TX-156+	Sampling	--	7
T101	PCB TX-158	NFA	SULLIVAN/Tetra Tech 2004	1
T101	PCB TX-160+	Sampling	--	7
T101	PCB TX-214+	Sampling	--	7
T101	Petroleum Site 20	NFA	Water Board 2004g	2
T101	RAD T101	TBD	--	7
T101	RADON T101	NFA	ERM-West 1995	1
T101	UT T101	NFA	Tetra Tech 2001c	1
			T101's Maximum ECP is	**7**
T102	CERCLA Site 12	Prepare RI	--	6
T102	HIST T102	No closure action required	BCT 2002c	1
T102	PCB TX-159	NFA	SULLIVAN/Tetra Tech 2004	1
T102	PCB TX-161+	Sampling	--	7
T102	PCB TX-162+	Sampling	--	7
T102	PCB TX-163+	Sampling	--	7

TABLE 8-1: SUMMARY OF ENVIRONMENTAL CONDITION OF PROPERTY AREA TYPES FOR ALL LOCATIONS OF CONCERN WITH MAXIMUM ECP FOR ENVIRONMENTAL BASELINE SURVEY PARCELS (Continued)

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EBS Parcel	Issue ID	Status	Closure Reference	ECP Area Type*
T102	PCB TX-164+	Sampling	--	7
T102	PCB TX-165+	Sampling	--	7
T102	PCB TX-166+	Sampling	--	7
T102	PCB TX-167+	Sampling	--	7
T102	PCB TX-28B+	Sampling	--	7
T102	RAD T102	TBD	--	7
T102	RADON T102	NFA	ERM-West 1995	1
T102	UT T102	NFA	Tetra Tech 2001c	1
			T102's Maximum ECP is	**7**
T103	CERCLA Site 12	Prepare RI	--	6
T103	ORD T103	No closure action required	ERM-West 1995	1
T103	PCB TX-2044+	Sampling	--	7
T103	PCB TX-33(1)+	Sampling	--	7
T103	PCB TX-47+	Sampling	--	7
T103	PCB TX-48+	Sampling	--	7
T103	PCB TX-49+	Sampling	--	7
T103	PCB TX-50+	Sampling	--	7
T103	PCB TX-52+	Sampling	--	7
T103	PCB TX-55+	Sampling	--	7
T103	PCB TX-56+	Sampling	--	7
T103	PCB TX-57	NFA	SULLIVAN/Tetra Tech 2004	1
T103	PCB TX-58+	Sampling	--	7
T103	PCB TX-59	NFA	SULLIVAN/Tetra Tech 2004	1
T103	PCB TX-60+	Sampling	--	7
T103	PCB TX-61+	Sampling	--	7
T103	PCB TX-63+	Sampling	--	7
T103	PCB TX-64+	Sampling	--	7
T103	PCB TX-67 (1)+	Sampling	--	7
T103	PCB TX-67 (2)+	Sampling	--	7
T103	PCB TX-68+	Sampling	--	7
T103	PCB TX-69+	Sampling	--	7
T103	PCB TX-70 (1)+	Sampling	--	7
T103	PCB TX-70 (2)+	Sampling	--	7
T103	PCB TX-71+	Sampling	--	7
T103	PCB TX-72+	Sampling	--	7
T103	PCB TX-73+	Sampling	--	7
T103	PCB TX-74+	Sampling	--	7
T103	PCB TX-77	NFA	SULLIVAN/Tetra Tech 2004	1
T103	PCB TX-78+	Sampling	--	7
T103	PCB TX-79	NFA	SULLIVAN/Tetra Tech 2004	3

TABLE 8-1: SUMMARY OF ENVIRONMENTAL CONDITION OF PROPERTY AREA TYPES FOR ALL LOCATIONS OF CONCERN WITH MAXIMUM ECP FOR ENVIRONMENTAL BASELINE SURVEY PARCELS (Continued)

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EBS Parcel	Issue ID	Status	Closure Reference	ECP Area Type*
T103	PCB TX-80+	Sampling	--	7
T103	PCB TX-81	NFA	SULLIVAN/Tetra Tech 2004	1
T103	PCB TX-82	NFA	SULLIVAN/Tetra Tech 2004	1
T103	PCB TX-83+	Sampling	--	7
T103	PCB TX-84+	Sampling	--	7
T103	PCB TX-85+	Sampling	--	7
T103	PCB TX-86+	Sampling	--	7
T103	PCB TX-87+	Sampling	--	7
T103	PCB TX-88+	Sampling	--	7
T103	PCB TX-89+	Sampling	--	7
T103	PCB TX-90+	Sampling	--	7
T103	PCB TX-91+	Sampling	--	7
T103	PCB TX-92+	Sampling	--	7
T103	RAD T103	TBD	--	7
T103	RADON T103	NFA	ERM-West 1995	1
T103	UT T103	NFA	Tetra Tech 2001c	1
			T103's Maximum ECP is	**7**
T104	CERCLA Site 12	Prepare RI	--	6
T104	PCB SW 1-73A+	Sampling	--	7
T104	PCB SW 1-73B+	Sampling	--	7
T104	PCB SW 1-73C+	Sampling	--	7
T104	PCB T104+	Sampling	--	7
T104	PCB TX-44+	Sampling	--	7
T104	PCB TX-45+	Sampling	--	7
T104	RAD T104	TBD	--	7
T104	RADON T104	NFA	ERM-West 1995	1
T104	UT T104	NFA	Tetra Tech 2001c	1
			T104's Maximum ECP is	**7**
T105	CERCLA Site 12	Prepare RI	--	6
T105	PCB TX-114	NFA	SULLIVAN/Tetra Tech 2004	1
T105	PCB TX-115	NFA	SULLIVAN/Tetra Tech 2004	1
T105	PCB TX-122+	Sampling	--	7
T105	PCB TX-93+	Sampling	--	7
T105	PCB TX-94+	Sampling	--	7
T105	PCB TX-95+	Sampling	--	7
T105	PCB TX-96+	Sampling	--	7
T105	PCB TX-97+	Sampling	--	7
T105	RAD T105	TBD	--	7
T105	RADON T105	NFA	ERM-West 1995	1

TABLE 8-1: SUMMARY OF ENVIRONMENTAL CONDITION OF PROPERTY AREA TYPES FOR ALL LOCATIONS OF CONCERN WITH MAXIMUM ECP FOR ENVIRONMENTAL BASELINE SURVEY PARCELS (Continued)

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EBS Parcel	Issue ID	Status	Closure Reference	ECP Area Type*
T105	SS T105A	NFA	NAVSTA TI 1998-1999	1
T105	SS T105B	NFA	NAVSTA TI 1997-1998	1
T105	UT T105	NFA	Tetra Tech 2001c	1
			T105's Maximum ECP is	**7**
T106	HIST T106	No closure action required	BCT 2002c	1
T106	HW T106	No closure action required	BCT 2002c	1
T106	PCB TX-18	NFA	SULLIVAN/Tetra Tech 2004	1
T106	PCB TX-19	NFA	SULLIVAN/Tetra Tech 2004	1
T106	PCB TX-20	NFA	SULLIVAN/Tetra Tech 2004	1
T106	PCB TX-62+	Sampling	--	7
T106	RAD T106-273	NFA	Navy 2005a	1
T106	RADON T106	NFA	ERM-West 1995	1
T106	SS T106A	NFA	NAVSTA TI 1998-1999	1
T106	SS T106B	NFA	NAVSTA TI 1997-1998	1
T106	SS T106C	NFA	ERM-West 1995	1
T106	UT T106	NFA	Tetra Tech 2001c	1
			T106's Maximum ECP is	**7**
T107	CERCLA Site 06	Prepare RI	--	6
T107	CERCLA Site 12	Prepare RI	--	6
T107	HW T107	No closure action required	ERM-West 1995	1
T107	PCB TX-38	NFA	SULLIVAN/Tetra Tech 2004	1
T107	PCB TX-39	NFA	SULLIVAN/Tetra Tech 2004	1
T107	PCB TX-40	NFA	SULLIVAN/Tetra Tech 2004	1
T107	PEST 292	NFA	Shaw 2005a; DTSC 2005a	3
T107	RAD T107	TBD	--	7
T107	RADON T107	NFA	ERM-West 1995	1
			T107's Maximum ECP is	**7**
T108	AST 240	No closure action required	NA	2
T108	AST 248	No closure action required	NA	2
T108	CERCLA Site 06	Prepare RI	--	6
T108	OWS 248C	TBD	See Petroleum Site 6	2
T108	OWS 248D	TBD	See Petroleum Site 6	2
T108	PCB EP 108-1+	Sampling	--	7
T108	PCB TX-151	NFA	SULLIVAN/Tetra Tech 2004	1
T108	Petroleum Site 06	Prepare RI	--	6

TABLE 8-1: SUMMARY OF ENVIRONMENTAL CONDITION OF PROPERTY AREA TYPES FOR ALL LOCATIONS OF CONCERN WITH MAXIMUM ECP FOR ENVIRONMENTAL BASELINE SURVEY PARCELS (Continued)

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EBS Parcel	Issue ID	Status	Closure Reference	ECP Area Type*
T108	RAD T108	TBD	--	7
T108	RADON T108	NFA	ERM-West 1995	1
T108	SS T108A	Requesting NFA	See CERCLA Site 06	6
T108	SS T108B	Requesting NFA	See CERCLA Site 06	2
T108	UST 240A	Requesting NFA	See Site 6	2
T108	UST 240B	Requesting NFA	See Site 6	2
T108	UST 248A (240C)	Requesting NFA	See Petroleum Site 6	2
T108	UST 248B (240D)	Requesting NFA	See Petroleum Site 6	2
T108	UST 248C	Requesting NFA	See Petroleum Site 6	2
T108	UST 248D	Requesting NFA	See Petroleum Site 6	2
T108	UST M	NFA	Water Board 2003f	1
T108	UT T108	NFA	Tetra Tech 2001c	1
			T108's Maximum ECP is	**7**
T109	CERCLA Site 06	Prepare RI	--	6
T109	ORD 276	No closure action required	ERM-West 1995	1
T109	ORD 55	No closure action required	ERM-West 1995	1
T109	RAD T109	TBD	--	7
T109	RADON T109	NFA	ERM-West 1995	1
T109	SS 270	NFA	BCT 2002c	1
T109	UST 461	NFA	Water Board 2003f	1
T109	UT T109	NFA	Tetra Tech 2001c	1
			T109's Maximum ECP is	**7**
T110	CERCLA Site 06	Prepare RI	--	6
T110	HW T110	No closure action required	ERM-West 1995	1
T110	RAD T110-461	TBD	--	7
T110	RADON T110	NFA	ERM-West 1995	1
T110	SS T110	NFA	BCT 2002c	1
T110	UT T110	NFA	Tetra Tech 2001c	1
			T110's Maximum ECP is	**7**
T111	CERCLA Site 06	Prepare RI	--	6
T111	CERCLA Site 32	Prepare RI	--	6
T111	HIST T111A	No closure action required	BCT 2002c	1
T111	ORD 42	No closure action required	Not required	1
T111	PCB EP 111-1+	Sampling	--	7
T111	PCB TX-152 (1)+	Sampling	--	7
T111	PCB TX-152 (2)+	Sampling	--	7
T111	PCB TX-153 (1)	NFA	SULLIVAN/Tetra Tech 2004	1
T111	PCB TX-153 (2)	NFA	SULLIVAN/Tetra Tech 2004	1
T111	RAD T111	TBD	--	7
T111	RAD T111-462	TBD	--	7
T111	RADON T111	NFA	ERM-West 1995	1

TABLE 8-1: SUMMARY OF ENVIRONMENTAL CONDITION OF PROPERTY AREA TYPES FOR ALL LOCATIONS OF CONCERN WITH MAXIMUM ECP FOR ENVIRONMENTAL BASELINE SURVEY PARCELS (Continued)

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EBS Parcel	Issue ID	Status	Closure Reference	ECP Area Type*
T111	SS 463	Sampling	--	6
T111	SS T111	NFA	ERM-West 1996a	1
T111	UT T111	NFA	Tetra Tech 2001c	1
			T111's Maximum ECP is	**7**
T112	AST 415	No closure action required	NA	1
T112	AST 550	No closure action required	Laidlaw 1998a, CCSFDPH 1998d	1
T112	AST 550 (2-A)	No closure action required	NA	1
T112	AST 550 (2-B)	No closure action required	NA	1
T112	AST 550 (2-C)	No closure action required	NA	1
T112	AST 550 (2-D)	No closure action required	NA	1
T112	AST 550 (2-E)	No closure action required	NA	1
T112	AST 550 (2-F)	No closure action required	NA	1
T112	AST 550 (2-G)	No closure action required	NA	1
T112	AST 550 (2-H)	No closure action required	NA	1
T112	CERCLA Site 06	Prepare RI	--	6
T112	HIST T112	Issue covered elsewhere	See CERCLA 6	6
T112	PCB 10552-001	NFA	SULLIVAN/Tetra Tech 2004	1
T112	PCB T-112+	Sampling	--	7
T112	PCB TX-150/TX-2043+	Sampling	--	7
T112	RAD T112	TBD	--	7
T112	RADON T112	NFA	ERM-West 1995	1
T112	SS T112A	NFA	ERM-West 1996a	1
T112	SS T112B	NFA	BCT 2002c	2
T112	UT T112	NFA	Tetra Tech 2001c	1
			T112's Maximum ECP is	**7**
T113	CERCLA Site 07	Requesting NFA	--	6
T113	PEST T113	Sampling	See CERCLA Site 07	6
T113	RAD T113	TBD	--	7
T113	RADON T113	NFA	ERM-West 1995	1
T113	SS T113	TBD	See CERCLA Site 7	6
T113	UT T113	NFA	Tetra Tech 2001c	1
			T113's Maximum ECP is	**7**
T114	AST 335A	No closure action required	SulTech 2005b	1
T114	AST 335B	No closure action required	SulTech 2005b	1
T114	AST 335C	No closure action required	SulTech 2005b	1
T114	CERCLA Site 10	Prepare PP	SulTech 2005a	6
T114	OTH T114	Sampling	--	7
T114	PEST T114	Sampling	See CERCLA Site 10	6
T114	RAD T114	TBD	--	7
T114	RADON T114	NFA	ERM-West 1995	1

TABLE 8-1: SUMMARY OF ENVIRONMENTAL CONDITION OF PROPERTY AREA TYPES FOR ALL LOCATIONS OF CONCERN WITH MAXIMUM ECP FOR ENVIRONMENTAL BASELINE SURVEY PARCELS (Continued)

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EBS Parcel	Issue ID	Status	Closure Reference	ECP Area Type*
T114	SS 335A	Prepare RI	See CERCLA Site 10	6
T114	SS T114A	Prepare RI	See CERCLA Site 10	6
T114	SS T114B	Sampling	See CERCLA Site 10	6
T114	UT T114	NFA	Tetra Tech 2001c	1
			T114's Maximum ECP is	**7**
T115	CERCLA Site 32	Prepare RI	--	6
T115	HIST 445	NFA	Shaw 2005a; DTSC 2005a	1
T115	HW T115	No closure action required	ERM-West 1995	1
T115	RAD T115	TBD	--	7
T115	RADON T115	NFA	ERM-West 1995	1
T115	UT T115	NFA	Tetra Tech 2001c	1
			T115's Maximum ECP is	**7**
T116	CERCLA Site 03	NFA	DTSC 2002b	1
T116	PCB 1136+	Sampling	--	7
T116	PCB 1138+	Sampling	--	7
T116	PCB 1140+	Sampling	--	7
T116	PCB 1144+	Sampling	--	7
T116	PCB 1146+	Sampling	--	7
T116	PCB 3031939	NFA	SULLIVAN/Tetra Tech 2004	1
T116	PCB 611-78-0337	NFA	SULLIVAN/Tetra Tech 2004	1
T116	PCB 9908645	NFA	SULLIVAN/Tetra Tech 2004	1
T116	PCB C-598+	Sampling	--	7
T116	PCB T-1012+	Sampling	--	7
T116	PCB T-1016+	Sampling	--	7
T116	PCB T-1018+	Sampling	--	7
T116	PCB TX-118+	Sampling	--	7
T116	PCB TX-2024+	Sampling	--	7
T116	RAD T116	TBD	--	7
T116	RADON T116	NFA	ERM-West 1995	1
T116	SS T116A	NFA	BCT 2002d	1
T116	SS T116B	NFA	BCT 2002c	1
T116	SS T116C	NFA	NAVSTA TI 1998-1999	1
T116	SS T116D	NFA	NAVSTA TI 1998-1999	1
T116	UT T116	NFA	Tetra Tech 2001c	1
			T116's Maximum ECP is	**7**
T117	CERCLA Site 24	Prepare RI	--	6
T117	HIST 69	NFA	Shaw 2005a; DTSC 2005a	1

TABLE 8-1: SUMMARY OF ENVIRONMENTAL CONDITION OF PROPERTY AREA TYPES FOR ALL LOCATIONS OF CONCERN WITH MAXIMUM ECP FOR ENVIRONMENTAL BASELINE SURVEY PARCELS (Continued)

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EBS Parcel	Issue ID	Status	Closure Reference	ECP Area Type*
T117	HW IDW	NFA	See Petroleum Site 04/19; Shaw 2005a; DTSC 2005a	1
T117	OTH T117	No closure action required	ERM-West 1995	1
T117	PCB TX-2032+	Sampling	--	7
T117	Petroleum Site 04	NFA	Water Board 2003h	2
T117	Petroleum Site D1A	NFA	Tetra Tech 2003c; Water Board 2004a	2
T117	RAD T117	TBD	--	7
T117	RADON T117	NFA	ERM-West 1995	1
T117	SS Lot 69	TBD	--	7
T117	UT T117	NFA	Tetra Tech 2001c	1
			T117's Maximum ECP is	**7**
T118	RAD T118	NFA	Navy 2005a	1
T118	RADON T118	NFA	ERM-West 1995	1
			T118's Maximum ECP is	**1**
T119	AST T119	No closure action required	NA	1
T119	PCB 29-1/86-170294	NFA	SULLIVAN/Tetra Tech 2004	1
T119	PCB ESW02-2	NFA	SULLIVAN/Tetra Tech 2004	1
T119	PCB TX-107	NFA	SULLIVAN/Tetra Tech 2004	1
T119	PCB TX-108	NFA	SULLIVAN/Tetra Tech 2004	1
T119	PCB TX-109	NFA	SULLIVAN/Tetra Tech 2004	1
T119	PCB TX-2039	NFA	SULLIVAN/Tetra Tech 2004	1
T119	PCB TX-2040	NFA	SULLIVAN/Tetra Tech 2004	1
T119	PCB TX-2041	NFA	SULLIVAN/Tetra Tech 2004	1
T119	RAD T119	NFA	Navy 2005a	1
T119	RADON T119	NFA	ERM-West 1995	1
T119	UT T119	NFA	Tetra Tech 2001c	1
			T119's Maximum ECP is	**1**
T120	HIST T120	No closure action required	ERM-West 1995	1
T120	HW T120	No closure action required	NA	1
T120	PCB T120A	NFA	SULLIVAN/Tetra Tech 2004	1
T120	PCB T120B	NFA	SULLIVAN/Tetra Tech 2004	1

TABLE 8-1: SUMMARY OF ENVIRONMENTAL CONDITION OF PROPERTY AREA TYPES FOR ALL LOCATIONS OF CONCERN WITH MAXIMUM ECP FOR ENVIRONMENTAL BASELINE SURVEY PARCELS (Continued)

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EBS Parcel	Issue ID	Status	Closure Reference	ECP Area Type*
T120	PCB T120C	NFA	SULLIVAN/Tetra Tech 2004	1
T120	PCB TX-2001	NFA	SULLIVAN/Tetra Tech 2004	1
T120	Petroleum Site D1A	NFA	Tetra Tech 2003c; Water Board 2004a	2
T120	RAD T120	NFA	Navy 2005a	1
T120	RADON T120	NFA	ERM-West 1995	1
T120	SS 600	NA	Radian 1992	1
T120	UT T120	NFA	Tetra Tech 2001c	1
			T120's Maximum ECP is	**2**
YB001	Causeway Pipeline	NFA	Water Board 2003a	2
YB001	CERCLA Site 28	Prepare RI	--	6
YB001	PCB-6698142	NFA	SULLIVAN/Tetra Tech 2004	1
YB001	RAD YB001	TBD	--	7
YB001	RADON YB001	NFA	ERM-West 1995	1
			YB001's Maximum ECP is	**7**
YB002	ASTs 181	No closure action required	Water Board 2004f	1
YB002	Causeway Pipeline	NFA	Water Board 2003a	2
YB002	Petroleum Site 16	NFA	Water Board 2004f	2
YB002	RAD YB002	NFA	Navy 2005a	1
YB002	RADON YB002	NFA	ERM-West 1995	1
YB002	UT YB2	NFA	Tetra Tech 2001c	1
			YB002's Maximum ECP is	**2**
YB003	ORD YB003	No closure action required	Not required	1
YB003	PB YB003	NFA	Tetra Tech and U&A 1999a	3
YB003	Petroleum Site YF1	NFA	Tetra Tech 2003c; Water Board 2004a	2
YB003	RAD YB003	NFA	Navy 2005a	1
YB003	RADON YB003	NFA	ERM-West 1995	1
YB003	UT YB3	NFA	Tetra Tech 2001c	1
			YB003's Maximum ECP is	**3**
YB004	AST 162T	No closure action required	NA	1
YB004	AST 227	No closure action required	NA	1
YB004	AST 242T	No closure action required	NA	1
YB004	AST 2T-O	No closure action required	PRC & Uribe and Associates 1997	1
YB004	CERCLA Site 29	Prepare RI	--	6
YB004	PCB C503472	NFA	SULLIVAN/Tetra Tech 2004	1

TABLE 8-1: SUMMARY OF ENVIRONMENTAL CONDITION OF PROPERTY AREA TYPES FOR ALL LOCATIONS OF CONCERN WITH MAXIMUM ECP FOR ENVIRONMENTAL BASELINE SURVEY PARCELS (Continued)

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EBS Parcel	Issue ID	Status	Closure Reference	ECP Area Type*
YB004	PCB TX-184	NFA	SULLIVAN/Tetra Tech 2004	1
YB004	PCB TX-185A	NFA	SULLIVAN/Tetra Tech 2004	1
YB004	PCB TX-185B	NFA	SULLIVAN/Tetra Tech 2004	1
YB004	PCB TX-186A	NFA	SULLIVAN/Tetra Tech 2004	3
YB004	PCB TX-186B	NFA	SULLIVAN/Tetra Tech 2004	3
YB004	PCB TX-188A	NFA	SULLIVAN/Tetra Tech 2004	1
YB004	PCB TX-188B	NFA	SULLIVAN/Tetra Tech 2004	1
YB004	PCB TX-189A	NFA	SULLIVAN/Tetra Tech 2004	1
YB004	PCB TX-189B	NFA	SULLIVAN/Tetra Tech 2004	1
YB004	PCB TX-191A	NFA	SULLIVAN/Tetra Tech 2004	1
YB004	PCB TX-191B	NFA	SULLIVAN/Tetra Tech 2004	1
YB004	PCB WAP-62641	NFA	SULLIVAN/Tetra Tech 2004	1
YB004	PCB Y-140A	NFA	SULLIVAN/Tetra Tech 2004	1
YB004	PCB Y-140B	NFA	SULLIVAN/Tetra Tech 2004	1
YB004	Petroleum Site YF1	NFA	Tetra Tech 2003c; Water Board 2004a	2
YB004	RAD YB004	TBD	--	7
YB004	RADON YB004	NFA	ERM-West 1995	1
YB004	UT YB4	NFA	Tetra Tech 2001c	1
			YB004's Maximum ECP is	**7**
YB005	PCB 11-1956A	NFA	SULLIVAN/Tetra Tech 2004	1
YB005	PCB 11-1956B	NFA	SULLIVAN/Tetra Tech 2004	1
YB005	PCB 11-1956C	NFA	SULLIVAN/Tetra Tech 2004	1
YB005	PCB TX-187A	NFA	SULLIVAN/Tetra Tech 2004	1
YB005	PCB TX-187B	NFA	SULLIVAN/Tetra Tech 2004	1
YB005	PCB TX-187C	NFA	SULLIVAN/Tetra Tech 2004	1

TABLE 8-1: SUMMARY OF ENVIRONMENTAL CONDITION OF PROPERTY AREA TYPES FOR ALL LOCATIONS OF CONCERN WITH MAXIMUM ECP FOR ENVIRONMENTAL BASELINE SURVEY PARCELS (Continued)

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EBS Parcel	Issue ID	Status	Closure Reference	ECP Area Type*
YB005	RAD YB005	NFA	Navy 2005a	1
YB005	RADON YB005	NFA	ERM-West 1995	1
			YB005's Maximum ECP is	**1**
YB006	RAD YB006	NFA	Navy 2005a	1
YB006	RADON YB006	NFA	ERM-West 1995	1
YB006	UT Y6	NFA	Tetra Tech 2001c	1
			YB006's Maximum ECP is	**1**
YB007	PCB TX-190	NFA	SULLIVAN/Tetra Tech 2004	3
YB007	PCB YB007	NFA	SULLIVAN/Tetra Tech 2004	1
YB007	Petroleum Site YF1	NFA	Tetra Tech 2003c; Water Board 2004a	2
YB007	RAD YB007	NFA	Navy 2005a	1
YB007	RADON YB007	NFA	ERM-West 1995	1
			YB007's Maximum ECP is	**3**
YB008	Petroleum Site YF1	NFA	Tetra Tech 2003c; Water Board 2004a	2
YB008	RAD YB008	NFA	Navy 2005a	1
YB008	RADON YB008	NFA	ERM-West 1995	1
YB008	SS YB008	NFA	ERM-West 1995	1
YB008	UST 221	NFA	Water Board 2004d	2
			YB008's Maximum ECP is	**2**
YB009	RAD YB009	NFA	Navy 2005a	1
YB009	RADON YB009	NFA	ERM-West 1995	1
			YB009's Maximum ECP is	**1**
YB010	CERCLA Site 28	Prepare RI	--	6
YB010	RAD YB011	TBD	--	7
YB010	RADON YB010	NFA	ERM-West 1995	1
YB010	UT YB10	NFA	Tetra Tech 2001c	1
			YB010's Maximum ECP is	**7**
YB011	AST 241	No closure action required	NA	1
YB011	AST 66	No closure action required	NA	1
YB011	PCB COY-126A	NFA	SULLIVAN/Tetra Tech 2004	1
YB011	PCB COY-126B	NFA	SULLIVAN/Tetra Tech 2004	1
YB011	PCB COY-126C	NFA	SULLIVAN/Tetra Tech 2004	1
YB011	PCB TX-192A	NFA	SULLIVAN/Tetra Tech 2004	3

TABLE 8-1: SUMMARY OF ENVIRONMENTAL CONDITION OF PROPERTY AREA TYPES FOR ALL LOCATIONS OF CONCERN WITH MAXIMUM ECP FOR ENVIRONMENTAL BASELINE SURVEY PARCELS (Continued)

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EBS Parcel	Issue ID	Status	Closure Reference	ECP Area Type*
YB011	PCB TX-192B	NFA	SULLIVAN/Tetra Tech 2004	1
YB011	PCB TX-192C	NFA	SULLIVAN/Tetra Tech 2004	1
YB011	Petroleum Site YF1	NFA	Tetra Tech 2003c; Water Board 2004a	2
YB011	RAD YB011	NFA	Navy 2005a	1
YB011	RADON YB011	NFA	ERM-West 1995	1
YB011	UST 111	NFA	Water Board 1996	2
YB011	UST 66	NFA	Water Board 2002c	2
YB011	UT YB11	NFA	Tetra Tech 2001c	1
			YB011's Maximum ECP is	**3**
YB012	Petroleum Site YF1	NFA	Tetra Tech 2003c; Water Board 2004a	2
YB012	RAD YB012	NFA	Navy 2005a	1
YB012	RADON YB012	NFA	ERM-West 1995	1
			YB012's Maximum ECP is	**2**
YB013	RAD YB013	NFA	Navy 2005a	1
YB013	RADON YB013	NFA	ERM-West 1995	1
YB013	UST 62	NFA	Water Board 2002b	2
			YB013's Maximum ECP is	**2**
YB014	AST 117	No closure action required	NA	1
YB014	AST 168T	No closure action required	NA	1
YB014	AST YB014	No closure action required	NA	1
YB014	RAD YB014	NFA	Navy 2005a	1
YB014	RADON YB014	NFA	ERM-West 1995	1
			YB014's Maximum ECP is	**1**
YB015	AST 118A	No closure action required	SulTech 2005a	1
YB015	PCB 2677060	NFA	SULLIVAN/Tetra Tech 2004	1
YB015	PCB 6585265	Corrective and remedial action	--	4
YB015	PCB 6586052	NFA	SULLIVAN/Tetra Tech 2004	1
YB015	PCB 89V5954	NFA	SULLIVAN/Tetra Tech 2004	1
YB015	PCB Y-122A	NFA	SULLIVAN/Tetra Tech 2004	1
YB015	PCB Y-122B	NFA	SULLIVAN/Tetra Tech 2004	1
YB015	PCB Y-122C	NFA	SULLIVAN/Tetra Tech 2004	1
YB015	PCB Y-128A	NFA	SULLIVAN/Tetra Tech 2004	1

TABLE 8-1: SUMMARY OF ENVIRONMENTAL CONDITION OF PROPERTY AREA TYPES FOR ALL LOCATIONS OF CONCERN WITH MAXIMUM ECP FOR ENVIRONMENTAL BASELINE SURVEY PARCELS (Continued)

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EBS Parcel	Issue ID	Status	Closure Reference	ECP Area Type*
YB015	PCB Y-128B	NFA	SULLIVAN/Tetra Tech 2004	1
YB015	PCB Y-128C	NFA	SULLIVAN/Tetra Tech 2004	1
YB015	RAD YB015	NFA	Navy 2005a	1
YB015	RADON YB015	NFA	ERM-West 1995	1
YB015	SS YB015A	NFA	ERM-West 1996a	1
YB015	SS YB015B	NFA	ERM-West 1996a	1
			YB015's Maximum ECP is	**4**
YB016	CERCLA Site 29	Prepare RI	--	6
YB016	PCB TX-326	NFA	SULLIVAN/Tetra Tech 2004	3
YB016	PCB TX-327	NFA	SULLIVAN/Tetra Tech 2004	1
YB016	PCB TX-328	NFA	SULLIVAN/Tetra Tech 2004	1
YB016	PCB Y-120 A0	NFA	SULLIVAN/Tetra Tech 2004	3
YB016	PCB Y-120 B0	NFA	SULLIVAN/Tetra Tech 2004	3
YB016	PCB Y-120 C0	NFA	SULLIVAN/Tetra Tech 2004	3
YB016	Petroleum Site YF1	NFA	Tetra Tech 2003c; Water Board 2004a	2
YB016	RAD YB016	TBD	--	7
YB016	RADON YB016	NFA	ERM-West 1995	1
YB016	SS 240	NFA	SulTech 2005a	1
YB016	UST 240	NFA	Water Board 2002b	2
			YB016's Maximum ECP is	**7**
YB017	AST 213	No closure action required	NA	1
YB017	CERCLA Site 29	Prepare RI	--	6
YB017	Petroleum Site USCG	TBD	--	2
YB017	RAD YB017	TBD	--	7
YB017	RADON YB019	NFA	ERM-West 1995	1
YB017	UT YB17	NFA	Tetra Tech 2001c	1
			YB017's Maximum ECP is	**7**
YB018	CERCLA Site 29	Prepare RI	--	6
YB018	RAD YB018	NFA	Navy 2005a	1
YB018	RADON YB018	NFA	ERM-West 1995	1
YB018	UT YB18	NFA	Tetra Tech 2001c	1
			YB018's Maximum ECP is	**6**
YB019	AST 230	NFA	NA	1

TABLE 8-1: SUMMARY OF ENVIRONMENTAL CONDITION OF PROPERTY AREA TYPES FOR ALL LOCATIONS OF CONCERN WITH MAXIMUM ECP FOR ENVIRONMENTAL BASELINE SURVEY PARCELS (Continued)

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EBS Parcel	Issue ID	Status	Closure Reference	ECP Area Type*
YB019	PCB 14016-1	NFA	SULLIVAN/Tetra Tech 2004	1
YB019	PCB 14016-2	NFA	SULLIVAN/Tetra Tech 2004	1
YB019	PCB 14016-3	NFA	SULLIVAN/Tetra Tech 2004	1
YB019	PCB 4142090	NFA	SULLIVAN/Tetra Tech 2004	1
YB019	PCB 4142092	NFA	SULLIVAN/Tetra Tech 2004	1
YB019	PCB 4327121	NFA	SULLIVAN/Tetra Tech 2004	1
YB019	PCB 62045 B0	NFA	SULLIVAN/Tetra Tech 2004	1
YB019	PCB 62046 A0	NFA	SULLIVAN/Tetra Tech 2004	1
YB019	PCB 62047 C0	NFA	SULLIVAN/Tetra Tech 2004	1
YB019	PCB D8078-2 A	NFA	SULLIVAN/Tetra Tech 2004	3
YB019	PCB D8078-2 B	NFA	SULLIVAN/Tetra Tech 2004	3
YB019	PCB D8078-2 C	NFA	SULLIVAN/Tetra Tech 2004	3
YB019	PCB TX-252	Corrective and remedial action	--	3
YB019	PCB TX-253	NFA	SULLIVAN/Tetra Tech 2004	1
YB019	PCB TX-254	NFA	SULLIVAN/Tetra Tech 2004	1
YB019	PCB Y-118 A	NFA	SULLIVAN/Tetra Tech 2004	1
YB019	PCB Y-118 B	NFA	SULLIVAN/Tetra Tech 2004	1
YB019	PCB Y-118 C	NFA	SULLIVAN/Tetra Tech 2004	1
YB019	Petroleum Site YF1	NFA	Tetra Tech 2003c; Water Board 2004a	2
YB019	Petroleum Site YF2	NFA	Water Board 2004h	2
YB019	RAD YB019	NFA	Navy 2005a	1
YB019	RADON YB019	NFA	ERM-West 1995	1
YB019	SS 200	NFA	BCT 2002c	1
YB019	SS YB019	NFA	SulTech 2005a	1
YB019	UST 1	NFA	Water Board 2002b	2
YB019	UST 10	NFA	Water Board 2002b	2
YB019	UST 2	NFA	Water Board 2002b	2
YB019	UST 230 (YBI)	NFA	Water Board 2004d	2

TABLE 8-1: SUMMARY OF ENVIRONMENTAL CONDITION OF PROPERTY AREA TYPES FOR ALL LOCATIONS OF CONCERN WITH MAXIMUM ECP FOR ENVIRONMENTAL BASELINE SURVEY PARCELS (Continued)

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EBS Parcel	Issue ID	Status	Closure Reference	ECP Area Type*
YB019	UST 3	NFA	Water Board 2002b	2
YB019	UST 4	NFA	Water Board 2002b	2
YB019	UST 5	NFA	Water Board 2002b	2
YB019	UST 57	NFA	Water Board 2003e	1
YB019	UST 6	NFA	Water Board 2002b	2
YB019	UST 7 (YBI)	NFA	Water Board 2002b	2
YB019	UT YB19	NFA	Tetra Tech 2001c	1
			YB019's Maximum ECP is	**3**
YB020	AST 169	No closure action required	Water Board 2002b	1
YB020	AST 170	No closure action required	Water Board 2002b	1
YB020	AST 214	No closure action required	NA	1
YB020	HIST YB020	No closure action required	ERM-West 1995	1
YB020	HW YB020	Continued field work	--	6
YB020	ORD 92	No closure action required	ERM-West 1995	1
YB020	Petroleum Site YF1	NFA	Tetra Tech 2003c; Water Board 2004a	2
YB020	Petroleum Site YF2	NFA	Water Board 2004h	2
YB020	Petroleum Site YF3	Continued field work	--	2
YB020	RAD YB020	NFA	Navy 2005a	1
YB020	RADON YB020	NFA	ERM-West 1995	1
YB020	UST 169	NFA	Water Board 1996	2
YB020	UT YB20	NFA	Tetra Tech 2001c	1
			YB020's Maximum ECP is	**6**
YB021	Petroleum Site YF2	NFA	Water Board 2004h	2
YB021	Petroleum Site YF3	Continued field work	--	2
YB021	RAD YB021	NFA	Navy 2005a	1
YB021	RADON YB021	NFA	ERM-West 1995	1
YB021	UT YB21	NFA	Tetra Tech 2001c	1
			YB021's Maximum ECP is	**2**
YB022	HW YB022	Continued field work	--	6
YB022	PCB COY-150A	NFA	SULLIVAN/Tetra Tech 2004	3
YB022	PCB COY-150B	NFA	SULLIVAN/Tetra Tech 2004	3
YB022	PCB COY-150C	NFA	SULLIVAN/Tetra Tech 2004	3
YB022	PCB TX-423	NFA	SULLIVAN/Tetra Tech 2004	3
YB022	PCB TX-501	NFA	SULLIVAN/Tetra Tech 2004	3
YB022	PCB YB022A	NFA	SULLIVAN/Tetra Tech 2004	3

TABLE 8-1: SUMMARY OF ENVIRONMENTAL CONDITION OF PROPERTY AREA TYPES FOR ALL LOCATIONS OF CONCERN WITH MAXIMUM ECP FOR ENVIRONMENTAL BASELINE SURVEY PARCELS (Continued)

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EBS Parcel	Issue ID	Status	Closure Reference	ECP Area Type*
YB022	PCB YB022B	NFA	SULLIVAN/Tetra Tech 2004	3
YB022	PCB YB022C	NFA	SULLIVAN/Tetra Tech 2004	1
YB022	Petroleum Site YF3	Continued field work	--	2
YB022	RAD YB022	TBD	--	7
YB022	RADON YB022	NFA	ERM-West 1995	1
			YB022's Maximum ECP is	**7**
YB023	CERCLA Site 29	Prepare RI	--	6
YB023	Petroleum Site USCG	TBD	--	2
YB023	RAD YB023	TBD	--	7
YB023	RADON YB023	NFA	ERM-West 1995	1
YB023	SS 213	NFA	BCT 2002a	1
			YB023's Maximum ECP is	**7**
YB024	CERCLA Site 08	Prepare RI	--	6
YB024	CERCLA Site 29	Prepare RI	--	6
YB024	HIST YB024	No closure action required	ERM-West 1996a	1
YB024	OTH YB024	No closure action required	ERM-West 1995	1
YB024	Petroleum Site USCG	TBD	--	2
YB024	Petroleum Site YF3	Continued field work	--	2
YB024	RAD YB024	NFA	Navy 2005a	1
YB024	RADON YB024	NFA	ERM-West 1995	1
YB024	UT YB24	NFA	Tetra Tech 2001c	1
			YB024's Maximum ECP is	**6**
YB025	CERCLA Site 11	Prepare RI	--	6
YB025	CERCLA Site 29	Prepare RI	--	6
			YB025's Maximum ECP is	**6**
YB026	HIST YB026	No closure action required	ERM-West 1996a	1
YB026	ORD YB026	No closure action required	Not required	1
YB026	PCB TX-62 A0	NFA	PWC 1994	1
YB026	PCB TX-62 C0	NFA	PWC 1994	1
YB026	PCB TX-63 B0	NFA	PWC 1994	1
YB026	SS 262	TBD	---	6
			YB026's Maximum ECP is	**6**

TABLE 8-1: SUMMARY OF ENVIRONMENTAL CONDITION OF PROPERTY AREA TYPES FOR ALL LOCATIONS OF CONCERN WITH MAXIMUM ECP FOR ENVIRONMENTAL BASELINE SURVEY PARCELS (Continued)

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Notes:

--	Site has not been closed at time of this SEBS.
*	ECP area type only refers to the portion of the parcel not transferred
AST	Aboveground storage tank
BCT	BRAC Cleanup Team
BRAC	Base Realignment and Closure
CCSFDPH	City and County of San Francisco, Department of Public Health
CERCLA	Comprehensive Environmental Response, Compensation, and Liability Act
DTSC	California Department of Toxic Substances Control
EBS	Environmental baseline survey
ECP	Environmental condition of property
ERM-West	Environmental Resource Management-West
FS	Feasibility study
GW	Groundwater
HIST	Potential Historic Adverse Use
HW	Hazardous Waste Storage or Generation
ID	Identification
IDW	Investigation-derived waste
Laidlaw	Laidlaw Environmental Services, Inc.
NA	Not applicable
NAVSTA TI	Naval Station Treasure Island
Navy	U.S. Department of the Navy
NFA	No further action
ORD	Ordnance
OTH	Other
OWS	Oil-water separator
PCB	Polychlorinated biphenyl
PRC	PRC Environmental Management, Inc.
PWC	Navy Public Works Center
RAD	Radion
Radian	Radian International LLC
RI	Remedial investigation
Shaw	Shaw Environmental Inc.
SS	Spills and stains
SSPORTS	Supervisor of Shipbuilding Conversation and Repair, Portsmouth, Virginia, Environmental Detachment, Vallejo
SULLIVAN	Sullivan Consulting Group
SWDIV	Southwest Division
TBD	To be determined
Tetra Tech	Tetra Tech EM Inc.
U&A	Uribe & Associates
UST	Underground storage tank
UT	Utility
Water Board	California Regional Water Quality Control Board

TABLE 8-1: SUMMARY OF ENVIRONMENTAL CONDITION OF PROPERTY AREA TYPES FOR ALL LOCATIONS OF CONCERN WITH MAXIMUM ECP FOR ENVIRONMENTAL BASELINE SURVEY PARCELS (Continued)

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APPENDIX A
VISUAL SITE INSPECTION ATTRIBUTE LIST

APPENDIX A - VISUAL INSPECTION ATTRIBUTES

SUSPECTED SIGNS OF HAZARDOUS MATERIAL STORAGE (LIQUID/DRY)

- Underground Storage Tank
- Aboveground Storage Tank
- Oil-Water Separator
- Sump
- Solvent Tanks
- Drums
- Hazardous Waste Storage
- Hazardous Material Storage

SUSPECTED SIGNS OF HAZARDOUS MATERIAL PROCESSING EQUIPMENT

- Chemical Handling
- Contaminated Machinery
- Hazardous Material/Waste
- Stained Sinks or Drains

SUSPECTED SIGNS OF HAZARDOUS MATERIAL IN PHYSICAL SURROUNDINGS

- Waste Piles
- Discolored Soils
- Spills
- Improper Disposal
- Sensitive Receptors
- Fill Areas or Buried Material
- Surface Water Area
- Stressed Vegetation
- Noxious Odors

OTHER SUSPECTED SIGNS OF HAZARDOUS SUBSTANCES

- Lead Contaminated Material
- Lead Processing Operations
- Medical/Biological
- Asbestos Contamination
- Mercury Containing Material
- Polychlorinated Biphenyl
- Pesticides

APPENDIX B
PHOTOGRAPHIC LOG

B-1: Damaged Steam Pipe Lagging Potentially Containing Asbestos,
Building 325, EBS Parcel T008

B-2: Damaged Boiler Tank Lagging Potentially Containing Asbestos,
Building 455, EBS Parcel T057

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NAVAL STATION TREASURE ISLAND, SAN FRANCISCO, CALIFORNIA
U.S. Department of the Navy, BRAC PMO West, San Diego, California

Photographs B-1 and B-2

Final
Supplemental Environmental Baseline Survey

B-3: Flaking Lead-Based Paint, Exterior, Quarters 2, EBS Parcel YB019

B-4: Flaking Lead-Based Paint, Interior, Quarters 2, EBS Parcel YB019

B-5: Stain, Building 240, EBS Parcel YB016

B-6: Stain, Quarters 7, EBS Parcel YB019

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NAVAL STATION TREASURE ISLAND, SAN FRANCISCO, CALIFORNIA
U.S. Department of the Navy, BRAC PMO West, San Diego, California

Photographs B-5 and B-6

Final
Supplemental Environmental Baseline Survey

B-7: Damaged Linoleum Potentially Containing Asbestos,
Building 180, EBS Parcel T006

B-8: Stain, Building 180, EBS Parcel T006

B-9: Stain, Building 346, EBS Parcel T006

B-10: Stain, Building 469, EBS Parcel T002

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NAVAL STATION TREASURE ISLAND, SAN FRANCISCO, CALIFORNIA
U.S. Department of the Navy, BRAC PMO West, San Diego, California

Photographs B-9 and B-10

Final
Supplemental Environmental Baseline Survey

B-11: Spill, Building 180 (Garages), EBS Parcel T006

B-12: Stain, Building 99, EBS Parcel T059

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NAVAL STATION TREASURE ISLAND, SAN FRANCISCO, CALIFORNIA
U.S. Department of the Navy, BRAC PMO West, San Diego, California

Photographs B-11 and B-12

Final
Supplemental Environmental Baseline Survey

B-13: Stain, Building 201, EBS Parcel T084

B-14: Stain, Building 202, EBS Parcel T085

B-15: Stain, Building 230, EBS Parcel T056

B-16: Stain, Building 258, EBS Parcel T049

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NAVAL STATION TREASURE ISLAND, SAN FRANCISCO, CALIFORNIA
U.S. Department of the Navy, BRAC PMO West, San Diego, California

Photographs B-15 and B-16

Final
Supplemental Environmental Baseline Survey

B-17: Stain, Building 342, EBS Parcel T066

B-18: Stain, Building 379, EBS Parcel T055

B-19: Stain, Building 455, EBS Parcel T057

B-20: Stain, Building 458, EBS Parcel T057

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NAVAL STATION TREASURE ISLAND, SAN FRANCISCO, CALIFORNIA
U.S. Department of the Navy, BRAC PMO West, San Diego, California

Photographs B-19 and B-20

Final
Supplemental Environmental Baseline Survey

APPENDIX C
RESPONSE TO COMMENTS

RESPONSES TO REGULATORY AGENCY COMMENTS ON REVISED DRAFT SUPPLEMENTAL ENVIRONMENTAL BASELINE SURVEY NAVAL STATION TREASURE ISLAND, SAN FRANCISCO, CALIFORNIA

This document presents the U.S. Department of the Navy's (Navy) responses to comments from staff from the U.S. Environmental Protection Agency (EPA) on the Revised Draft Supplemental Environmental Baseline Survey, Naval Station Treasure Island, San Francisco, California, dated March 10, 2005. The comments addressed below were received from the EPA on April 18, 2005.

RESPONSES TO EPA COMMENTS

GENERAL COMMENT

1. **Comment:** **The review and comments have covered, as best possible at this point in the process, the issues related to the site narrative descriptions that will be associated with the forthcoming draft FOSTs. Once the forthcoming draft FOST has been reviewed, we can confirm the completeness of the parcel narratives or provide comment toward the production of a complete FOST package.**

   Response: Comment noted.

SPECIFIC COMMENTS FOLLOWING EPA COMMENTS OF JANUARY 5, 2005 TO DRAFT

1. **Comment:** **<u>Page 7-1, Section 7.2 from the last sentence</u>: The example is very complicated, especially given the small size of the figure. If this example is to be used, suggest describing the figure in more detail with respect to the pink area, the white area and the red line. For the draft FOST, suggest a larger figure in anticipation of a transfer, so the designation of area is unambiguous on the figures and well as the parcel description. The same is true for any other area where boundaries might be unclear**

   Response: The Navy will provide new Figures 7-1A, 7-1B, 7-1C, and 7-1D that are 11 inches by 17 inches and that clearly delineate the EBS Parcels split between the transfer and non-transfer parcels on each of the four transfer parcels and depict the ECP numbers assigned to each split parcel.

2. **Comment:** **<u>Page 7-4, Section 7.3.1.1.1</u>: The meaning is not clear here "…a release that affected only soils, the approximate distance…" Suggest numbering the three (?) reasons or deleting the word "either".**

Response: The text in Section 7.3.1.1.1 has been revised as follows:

"Adjacent IR Sites 03, 09, 12, 24, 27 and 33 do not pose a threat to soil or groundwater in the TI Southwest Transfer Parcel because the release in the adjacent sites: (1) affected only soils (Sites 03, 27, and 33), (2) is located at such a distance from the transfer parcel that contamination is unlikely to affect the transfer parcel, or (3) groundwater contamination is not expected to affect the transfer parcels based on levels of contamination or the direction of the groundwater flow away from the transfer parcel (Sites 09, 12, 24, and 27)."

RESPONSES TO REGULATORY AGENCY COMMENTS ON REVISED DRAFT SUPPLEMENTAL ENVIRONMENTAL BASELINE SURVEY NAVAL STATION TREASURE ISLAND, SAN FRANCISCO, CALIFORNIA

This document presents the U.S. Department of the Navy's (Navy) responses to comments from staff from the California Regional Water Quality Control Board (Water Board) on the Revised Draft Supplemental Environmental Baseline Survey (SEBS), Naval Station Treasure Island (NAVSTA TI), San Francisco, California, dated March 10, 2005. The comments addressed below were received from the Water Board on April 6, 2005.

RESPONSES TO WATER BOARD COMMENTS

GENERAL COMMENTS

1. Comment: The bulk of the information in the document is contained in over 20 tables, with comparatively little text to explain the information in the tables. We recommend that the tables be placed in an appendix, and the text be expanded to better explain how each parcel's ECP was determined.

Response: The format for the SEBS document, excluding parcel narratives, was agreed upon several years ago and the concept to use the 2003 SEBS as a template with little modification was discussed and agreed to in Base Realignment and Closure (BRAC) Cleanup Team (BCT) meetings.

Section 7.2 has been revised to read as follows to better explain how each parcel's environmental condition of the property (ECP) Area Type for the transfer parcels was determined:

"7.2 Methodology for Establishing ECP Types for EBS Parcels Located Within Transfer Parcels

Each environmental issue that affects NAVSTA TI has been assigned to one or more EBS parcels. The environmental issues defined and presented in Section 6.0 that affect the transfer parcels are summarized in this section. The information provided in this section is based on a review of environmental documentation since the 1995 EBS and on the 2004 SEBS VSIs. Environmental issues identified in the EBS require evaluation to determine if no further action (NFA) is appropriate or if additional action is required.

The EBS parcel ECP area types are determined by the highest ECP area type listed for all of the environmental issues within the EBS parcel. Similarly, the ECP area types for transfer parcels are determined by the highest ECP area type listed for all EBS parcels in the transfer parcel. In addition, areas of EBS Parcels T006, T055, T056, T059, T079, T089, T106, YB001, YB017, YB018, YB023, and YB024 are located within the transfer parcel, but their boundaries also extend into the non-transferable

area, and two different ECP area types have been applied as a result. (This distinction is reflected in Figure 7-1 and Table 7-1, but not in Tables ES-1 and 8-1 because it is not possible for the EBS database to apply two different ECP area types to an EBS Parcel.) For example, a portion of EBS Parcel T055 is located within the boundary of Installation Restoration (IR) Site 24, and that portion of the EBS parcel has been designated ECP 6; however, the portion of EBS Parcel T055 located in the TI Core Transfer Parcel is geographically distinct from IR Site 24 and therefore has been designated as ECP 1. Tables 6-3, 6-5, 6-6, 6-9, 6-10, 6-11, 6-12, 6-13, and 6-14 provide the ECP area types for the environmental issues that affect all NAVSTA TI EBS parcels based on information available as of November 30, 2004. Table 7-1 also presents the maximum ECP area type for each EBS parcel."

2. **Comment:** **While a closure reference is listed for most parcels, we also need an indication whether agencies have approved or concurred with these references.**

Response: The methodology employed in the SEBS is consistent with that employed in the 2003 draft final SEBS. As has been discussed in BCT scoping meetings for this SEBS and the upcoming finding of suitability to transfer (FOST), the format and methodology for these documents was agreed to be identical to that employed in the 2003 documents that included transferring property where the only outstanding issue was outstanding petroleum remediation.

The changes to the 2003 format and methodology, which have also been discussed at a number of BCT meetings for this SEBS and upcoming FOSTs, include that the SEBS would employ parcel narratives for FOST parcels. The status of the parcels would be updated for petroleum, polychlorinated biphenyl (PCB), polyaromatic hydrocarbon (PAH), and radiological sites. The transferable EBS Parcels containing only PCB transformer sites would be transferred with appropriate restrictions in the FOST to allow completion of PCB response pursuant to the Toxic Substances Control Act subsequent to property transfer.

The EBS parcel ECP classification system employed in the 2003 draft final SEBS and in this revised draft final SEBS is to identify all environmental issues associated with each EBS parcel and to assign an ECP type to each issue based on the environmental status of that issue. The ECP type assigned to an EBS parcel is then the highest ECP type assigned to any issue affecting a specific EBS parcel (see Table 8-1). Not all EBS issues have reached closure; therefore, many issues will not have a closure reference.

For issues that have reached closure, the closure reference listed for each issue is the reference that documented closure of these issues. Many issues have been discussed with the BCT over time and agreements have been reached to closeout issues based on walkthroughs, BCT meetings, additional sampling etc. without a formal documented action on the part of the agencies. In these cases, the relevant meeting or document associated with closure of the issue is listed as the closure reference, however agency concurrence to the Final SEBS will constitute agency concurrence to the listed reference and the NFA for all issues identified as NFA in this SEBS.

Finally, agency concurrence is not required for all issues identified in the SEBS. For instance, radon is identified as an issue for each parcel yet the closure of the issue does not require agency concurrence. This issue was originally identified in the 1995 Basewide EBS as method to assist with data collection to fulfill Navy transfer responsibilities. The issues were identified as requiring NFA at that time in the Basewide EBS. Therefore, the Basewide EBS is listed as the closure reference. The issue is still listed in this SEBS to maintain continuity of the record of issues and disposition since the original EBS. As another example, aboveground storage tanks (AST) that have no evidence of leakage do not require agency concurrence for closure and this SEBS serves as documentation that NFA is required.

Where specific agency concurrence is required for closeout of an issue, (such as an underground storage tank [UST], petroleum, or a CERCLA site), the applicable agency closure letter, final document, or Record of Decision is referenced if the site has achieved regulatory closure.

3. **Comment:** **The ECP-2 category requires greater explanation. We do not necessarily regard these parcels as suitable for transfer as we have not closed all of these sites, and most will require land-use controls as they have not been cleaned to unrestricted use. For instance, the Southwest transfer parcel includes parcel T006, which contains Site 25, a petroleum site whose closure we have not yet approved. The Southeast transfer parcel contains parcel T010, which contains petroleum pipeline site D1B, whose closure request we recently disagreed with. The Core transfer parcel contains several parcels that are part of petroleum pipeline site F2B, whose closure request is still under review.**

Response: The methodology employed for assigning ECP types in the SEBS is consistent with that employed in the 2003 draft final SEBS. As has been discussed in BCT scoping meetings for this SEBS and the upcoming FOSTs, the format and transfer strategy for these documents is identical to that employed in the 2003 documents that included transferring property where the only outstanding issue was outstanding petroleum remediation.

The "BRAC Cleanup Plan Guidebook" provided the BCT with direction on classifying base property into one of seven area types to facilitate and support reuse and transfer (DoD 1996). The Department of Defense (DoD) defined the ECP-2 category as areas where only release or disposal of petroleum products has occurred. In accordance with DoD policy, areas subject to petroleum releases are transferable, provided the transferee execute and record land use controls imposing appropriate limitations on land use, which will be included in the FOST documents for Treasure Island (TI) and Yerba Buena Island. It was not the intended purpose of the SEBS to detail land use controls or restrictions.

The portions of EBS Parcels T006 and T010 located outside of the transfer area (refer to Figure 1-2) have been designated ECP Area Type 7 due to a new "OTH" location of concern which has been added to the database to allow for further consideration of the environmental condition of the property in the building 180 area. The area in EBS Parcel T006 impacted by Site 27 was carved out of the transfer area. The area in EBS Parcel T010 impacted by Site 21 was carved out of the transfer area.

The portions of EBS Parcels T006 and T010 located within the transfer area have been assigned ECP Area Type 2 due to petroleum issues.

4. Comment: We request a schedule for the evaluation of the ECP 7 parcels.

Response: The purpose of the SEBS was not to include scheduling information for issues discussed. Please refer to the Federal Facility Site Remediation Agreement (FFSRA), the Environmental Closeout Strategy and Schedules and BCT project tracking sheets, or other scheduling documentation for information pertaining to the schedule of activities at EBS Parcels with the ECP Area Type 7 designation.

5. Comment: We request a larger-scale graphic showing the dividing lines for parcels split between transferable and non-transferable parcels. Or we recommend assigning separate EBS parcel numbers for areas that are split.

Response: The Navy will provide new Figures 1-2A, 1-2B, 1-2C, and 1-2D 11 inches by 17 inches that clearly delineate the EBS Parcels split between the transfer and non-transfer parcels for the four transfer parcels.

SPECIFIC COMMENTS

1. Comment: <u>Section 6.2.2</u>: It is not clear that all fuel lines will be closed in 2005.

Response: The methodology employed in the SEBS is consistent with that employed in the 2003 draft final SEBS. The transfer strategy then, and now, anticipated that property would be transferred if the only outstanding issue

was petroleum remediation. For those fuel lines that are not closed at the time of execution of the final SEBS and FOSTs, appropriate restrictions will be included in the FOST documents to be protective of human health and the environment, and to maintain site access. This strategy has been discussed in BCT scoping meetings for this SEBS and the upcoming FOSTs.

2. **Comment:** **Section 6.3: Upon property transfer, appropriate land-use controls as well as notifications will be needed.**

   Response: Appropriate land-use controls and notifications will be identified in the FOST.

3. **Comment:** **Table 6-4: Please update this table as follows: The closure report/NFA request for Site 14/22 was received by Water Board on March 22, 2005, and is in review. Site D1B closure report was received, but not concurred with. The closure report for F2A/F2B was received on March 23, 2005 and is in review. Please list the schedule for submitting closure reports for Sites 25, YF2, YF3. Lastly, what is Site 26? Does this represent all USTs on the Island?**

   Response: The Navy will incorporate the identified updates into Table 6-4 for Sites 14/22, D1B, and F2A/F2B. The Site 25 closure report is due to agencies September, 2005. The closure report for YF2 received Water Board concurrence on June 17, 2004. The closure report for YF3 is pending due to California Department of Transportation (Caltrans) activities at the site.

   Site 26 represents all USTs on NAVSTA TI and is managed under the UST Compliance Program.

4. **Comment:** **Table 6-5: Please update this table as follows: Please list the status of parcels YB017, YB023 and YB024 (Petroleum site USCG), and parcels YB020 and YB024 (Petroleum Site YF3). Also, when will the Site 25 report (presumably an NFA request) be submitted?**

   Response: There are no changes to the status of the portions of EBS Parcels YB017, YB020, YB023, and YB024 located within the footprint of the SEBS. The work related to Petroleum Sites YF3 and U.S. Coast Guard (USCG) is on hold, pending the outcome of Caltrans activities in the area; however, Petroleum Site USCG is located outside the footprint of the SEBS and was only discussed in the text within the context of an adjacent site. The draft Site 25 report requesting NFA status is scheduled to be submitted to the agencies on September, 2005; estimated site closeout is September 2005.

5. **Comment:** **<u>Table 6-6</u>: Please list the status of the following USTs, which were said to have confirmed contamination: UST 180C, UST 240A & B, UST 248A & B, USCG 238.**

Response: Table 6-6 and Table 8-1 have been updated to indicate that remediation activities have been completed for UST 180C; a draft closure report was submitted in April 2005 and estimated site closeout is September 2005, pending resolution of agency comments.

A footnote has been added to Table 6-6 stating that "- -" in the "Closure Document" column means "Site has not been closed at the time of this SEBS."

The draft closure report requesting NFA for USTs 240A, B, and 248 A, B (Petroleum Site 06) is scheduled for submittal to the agencies on July 21, 2005; estimated site closeout is September 2005. Table 6-4 erroneously indicated that USTs 240A, 240B, and 248A through D are located in IR Site 04/19; the table has been updated to indicate that they are located in IR Site 06 (Fire Training School). Sampling has been completed and the status column in Table 8-1 has been updated to indicate that the closure report for IR Site 06 is currently under preparation.

The investigation for suspected USCG 238 is on hold pending the outcome of Caltrans activities; however, USCG 238 is located in the previously transferred USCG property and not in the footprint of the SEBS. USCG 238 was discussed in the text only in the context of an adjacent site.

6. **Comment:** **<u>Table 6-7</u>: Please state why some pipelines were left in place. Also indicate if they were flushed and capped, as well as which ones had leaks and were in need of further investigation and/or cleanup. Lastly, are there further plans for those pipelines which were not located?**

Response: Pipelines were left in place for any number of reasons, including locations relative to existing structures or their depth below ground surface. Please refer to the Pipeline Corrective Action Plan (CAP), published by Tetra Tech EM Inc. (Tetra Tech) for specific information (Tetra Tech 2003b). Pipelines closed in place were flushed and capped in accordance with Navy policy. There are no further plans for the pipelines that were not located (Tetra Tech 2003b).

7. **Comment:** **<u>Table 6-8</u>: Which tanks are scheduled to be removed prior to transfer? Which tanks had leaks? What determined whether a tank was removed or left in place?**

Response: No additional ASTs are scheduled to be removed prior to transfer other than those that have already been removed. For information regarding tanks that had leaks, please refer to Section 6.2.3. The Navy will transfer the base as-is, where-is and does not intend to remove any additional ASTs. The past decisions to remove ASTs have been for various reasons including operational necessity during base operations or to allow access to corrective action sites during environmental response activities.

8. Comment: **Table 6-9: Please update this table as follows: What is the status of Parcel T004, which contains potentially contaminated sediments under the dock? Is this parcel still part of Site 13, whose Final ROD is due to be signed? For Parcels T014, T019 and T020, please note that we requested additional investigation of the Lake of the Nations as we did not agree with its NFA request. What is the status of the UST368B investigation in Parcel T034? What is the status of the water line replacement debris sampling in parcels T056 and T059? What is the status of the UST201 investigation in Parcel T081? What is the status of the Petroleum Site 20 closure in Parcel T097?**

Response: For the overall ECP status of EBS Parcel T004, please refer to Table 8-1. Please note that Table 6-9 only addresses "Other Locations of Concern" as is discussed in Section 6.2.16 and is not intended to address all issues affecting parcel T004. EBS Parcel T004 is located within the boundaries of both Site 13 and Site 27 (see Figure 6-1). Table 8-1 has been updated to include Site 27 as an issue impacting EBS Parcel T004.

The final NFA Record of Decision (ROD) for Site 13 was signed on April 7, 2005. The text in Section 6.1.1, CERCLA Program Status, Table 6-3, and Tables ES-1, and 8-1 have been updated to state that the final ROD for Site 13 was signed on April 7, 2005 and the ECP type of the impacted ECB Parcels (S001, and S003 through S006, S008 and S009) has been updated from ECP 5 to 3.

As noted, the status column in Table 6-9 has been updated to indicate that the Water Board requested additional sampling in EBS Parcels T014, T019, and T020 in association with the Lake of the Nations site.

UST 368B located in EBS Parcel T038 (which triggered issue Groundwater [GW] T034) was closed in an NFA letter dated December 19, 2003. Table 8-1 has been updated with the correct status for issue GW T034.

According to the Final EBS Data Gaps Investigation, no burned debris and no detections above soil screening criteria was found in the Water Line Replacement Areas trenches dug in Parcels T059 and T081 (Shaw 2005). The status in Table 6-9 for the Historical (HIST) T059 issue has been updated to indicate NFA and the appropriate closure document. All three phases of step-out sampling in Parcels T014 and T056 had detections of dioxins and metals above soil screening criteria. The Navy has designated

EBS Parcels T014 and T056 as CERCLA Site 33; however, based on evidence presented at BCT meetings and additional trenching that was conducted, it was determined that the water line replacement area was not a contributing factor in the debris area and was not included in Site 33. The water line replacement area in EBS Parcels T014 and T056 are not located within the footprint of the FOST.

UST 201 located in EBS Parcel T081 received NFA in a Water Board Letter received on February 10, 2004. The status in Table 6-9 for the GW T081 issue has been updated to indicate NFA and the appropriate closure document.

Petroleum Site 20 received regulatory closure in an NFA letter from the Water Board received June 17, 2004. The status and closure reference has been updated in Table 6-9 for the SS T097A through C issues.

9. Comment: **Table 6-13: Why is no closure action required for Parcels T006 and T015? No closure document reference is provided.**

Response: No closure action is required for these sites because, as is discussed in Section 6.2.7, hazardous waste is no longer being stored or generated in EBS Parcels T006 and T015. Neither the 1995 EBS nor subsequent SEBS visual site inspections identified any evidence of spills, stains, or releases to the environment requiring further investigation. For clarification, Table 6-13 has been modified to replace "NA" in the column labeled "Closure Document" with "NA, see Section 6.2.7."

10. Comment: **Table 6-14: Please update to include a closure document reference for these PCB sites: PCB T-114A and B, TX-140, TX-127. TX-120, TX-138, TX-147, TX-146, TX-139, TX-252, and PCB 6585265.**

Response: These sites do not have a closure reference because response actions are not complete. To clarify the Table, where the column "Closure Document" is populated with "- -," the note at the end of the text has been clarified to read "Site has not been closed at time of this SEBS."

11. Comment: **Table 6-15: What determines when an asbestos action was taken? What happens when the buildings are eventually demolished? What schedule is there for dealing with "TBD" areas?**

Response: DoD policy determines when an asbestos action was or is to be taken, as described in Section 6.2.10. When a building is eventually demolished it must be surveyed and asbestos handled and disposed of in accordance with all applicable laws and regulations. The necessary deed notices and restrictions will be identified in the FOST to ensure all appropriate asbestos related actions have been taken. After a thorough review of available asbestos related documentation, the Navy has determined that

the status of all buildings (except the five discussed below) are "NFA." The status and closure documentation of asbestos related issues has been updated in Tables 6-15 and 8-1. There are unnumbered (UN) buildings (UN 12, 13, 26, 28, and 29) and one building, 112, that is believed to have been split into two new buildings and renumbered 12A and B following the asbestos inspection at Building 112. It is suspected that these buildings have been demolished or incorporated into other pre-existing buildings; however, a final disposition has not been made at the time of this SEBS and the status for these buildings remains to be determined (TBD). However, these "TBD" buildings are not located in EBS parcels that have been assigned to a transferable ECP category.

12. Comment: **Table 6-16: What determines when soil abatement is done?**

Response: Department of Housing and Urban Development (HUD) guidelines and jointly issued U.S. Environmental Protection Agency (EPA) and DoD policy determines when a soil abatement has been completed. Refer to Section 6.2.12.

13. Comment: **Table 6-17: What is the status for inspecting and abating the LBP in non-residential buildings? How will this be accommodated in the transfer process?**

Response: HUD guidelines and jointly issued EPA and DoD policy does not require lead-based paint (LBP) surveys for commercial or industrial buildings. Any notices or restrictions necessary for protection of human health and the environment related to this issue will be identified within the FOSTs.

14. Comment: **Table 8-1: Please review the closure references for accuracy. In some places, an ECP was assigned even though no closure reference has been given, or no sampling or other remedial work has taken place (one example, parcel T005, SS 180A). In other places, it is stated that no closure action is required, with no reference being given (one example, parcel T008, HW T008A). No reference given for many radon investigations (Radon T015, etc.). Many parcels cited a closure reference (Water Board 2004a) not listed in the reference pages.**

Response: Please note that not all issues identified in the SEBS have been fully addressed, and therefore these will not have a closure reference. Issue Spill and Stain (SS) 180A in EBS Parcel T005 required an update to the tables. In 1995, a 20 gallon gasoline spill occurred and in 1996, UST 180A (associated with the spill) was removed and the site closed. Tables 6-9 and 8-1 have been updated to include the NFA status and the correct closure reference (Water Board 1996).

Some issues are closed without requiring a closure reference. For instance, issue HW T008A was identified during the 1995 EBS and involves waste oil stored without proper secondary containment. Since there is no hazardous waste currently stored in the location, no historical evidence of spills or releases to the environment, and no current evidence of spills, stains, or releases, there is no environmental issue to close out. The statuses of HW T008A and similar issues have been updated to "NFA" and the 1995 Basewide EBS added as the closure reference.

Radon is identified as an issue for each parcel yet the closure of the issue does not require formal agency concurrence. This issue was originally identified in the 1995 Basewide EBS as a method to assist with data collection to fulfill Navy transfer responsibilities. The issues were identified as requiring NFA at that time in the Basewide EBS. Therefore, the Basewide EBS is listed as the closure reference. Table 8-1 has been revised to specify the 1995 Basewide EBS as the closure reference for all Radon issues.

The Navy has reviewed Table 8-1 for overall accuracy and to ensure all cited closure references are listed in the reference pages. As noted, several closure references, including Water Board 2004a and 2004b were missing and added to the reference list. New references for issues recently closed out, such as CERCLA Site 13, have been added to the closure reference column and in the reference list.

15. Comment: **Section 8.1.1: We question the ECP 1 designation for the following parcels:**

T038 (USTs present), T055 (USTs & pipelines present), T056 (ditto), T059 (ditto), T077 (ditto), T110 (ditto), T116 (next to suspect tanks). Shouldn't these be ECP 2? Also, Parcel T098 has high dioxins (per the Data Gaps Investigation), and should not be ECP 1.

Response: The Navy will update EBS Parcels T055, T056, and T059 from ECP Area Type 1 to the ECP 2 designation due to the fuel pipeline sites potentially traversing through the portion of the EBS Parcels within the transfer area.

A previously suspected UST and two removed USTs are located in the transferred portion of EBS Parcel T038, not the area within the transfer parcel. Therefore, due to the status and location of the former USTs, the Navy believes that the parcel is correctly designated as ECP 1. EBS Parcels T077, T110, and T116 do not fall within the boundary of a fuel pipeline site and no AST or UST exists within its boundaries. Suspected and removed USTs are located adjacent to each parcel, but the Navy does not believe this constitutes an ECP 2 designation.

According to the EBS Data Gaps Investigation, dioxins were detected in EBS Parcel T098 above the soil screening criteria, but less than the TI

background levels. After surface soil excavation and confirmation sampling were carried out, the BCT concurred with the Navy on NFA in the area (Shaw 2005). EBS Parcel T098 has been reassigned ECP Area Type 4, indicating it is an area where a release, disposal, and/or migration of hazardous substances has occurred and all remedial actions necessary to protect human health and the environment have been taken.

16. Comment: **Section 8.1.2: It appears that Parcels T006, T043, and T060 should be listed as ECP 2 due to petroleum issues.**

Response: EBS Parcel T006 has been designated ECP Area Type 3 due to PCB issues. EBS Parcel T043 is located entirely in the Job Corps transferred area that is not subject to this SEBS. EBS Parcel T060 has been designated ECP Area Type 6 due to CERCLA issues.

17. Comment: **Section 8.1.3: Per the Data Gaps Investigation, Parcel YB022 has high metals, PAHs and PCBS, and therefore should not be ECP 3.**

Response: As per the EBS Data Gaps Investigation, the area identified has been carved out of the transfer area (refer to Section 7.3.4.2.15). The portion of the EBS Parcel YB022 located within the transfer area has been designated ECP 3.

18. Comment: **Section 8.1.5: Parcel T004 is listed as ECP 5, where remedial actions are underway but not complete. Please list what actions are being taken for this parcel.**

Response: EBS Parcel T004 is within the boundary of CERCLA Site 27. Currently, the Feasibility Study is being prepared. Parcel T004 is assigned ECP Area Type 6, where a release, disposal, and/or migration of hazardous substances has occurred but required actions have not yet been implemented.

19. Comment: **Section 8.2: The Southeast transfer parcel is listed as ECP 3, where concentrations of materials do not require removal or remediation. This transfer parcel includes Parcel T010, which contains petroleum site D1B. We have not yet concurred that this site does not require further cleanup. The same comment applies to the Core Transfer Parcel, in which parcels T042, 48, 49, 55 56, 59 and 77 contain petroleum site F2B. This is currently under review, and we have not yet determined whether further cleanup is needed. The Southwest Transfer Parcel contains parcels T005/T006, which have high TPH-gasoline in soil and groundwater. Absent further investigation, we do not agree that this is ready for transfer. Lastly, the Yerba Buena Transfer Parcel contains parcels YB020 and YB021, whose status depends on continued fieldwork on Petroleum sites YF2 and YF3. Until completed, we do not regard these as ready to transfer.**

Response: Refer to the response for General Comment 3.

PARCEL-SPECIFIC COMMENTS

20. Comment: **<u>We have the following additional comments on the Table 8-1 summary for these ECP 1 parcels</u>:**

T003: Several PCB sites need a closure reference.

T078: Why is no closure action required for AST 672?

T085: Why is no closure action required for AST 202?

T098: Per the Data Gaps investigation, dioxins exceeded the screening criteria in soil. Thus an ECP 1 category is inappropriate.

T109: Closure references for ORD 55 and 276 are needed.

T110: A closure reference for HW T110 is needed.

T119: A closure reference for AST T119 is needed.

YB014: Closure references for ASTs 168T, YB014 are needed.

YB015: Closure references for AST 118A, PCB 6585265 are needed.

Response: T003: See the response to Comment 10.

T078: Refer to Section 7.3.3.2.3. AST 672 is active.

T085: AST 202 is a water tank. Refer to Table 6-8.

T098: Refer to Comment 15.

T109: Ordnance (ORD) 55 was a former small arms magazine that was demolished in 1961. ORD 276 was a rod and gun locker, which has subsequently been demolished. According to the 1995 ERM-West EBS, "EPA and DTSC guidance holds that storage of ordnance is not likely to have impacted Parcel T109." The "NA" in the "Closure Reference" column has been changed to read "ERM West 1995" in reference to the 1995 ERM-West EBS.

T110: According to the 1995 ERM-West EBS, there was no evidence of spills, stains, or unauthorized releases related to the generation or storage of hazardous waste in EBS Parcel T110; the closure reference has been added.

T119: AST T119 contains fire fighting foam and currently being used by the City and County of San Francisco [CCSF] Fire Fighting Training School. Please refer to Table 6-8. A closure reference is not appropriate or required for this AST.

YB014: AST 168T is an active water tank, which does not require closure. AST YB014 is an active diesel tank located on leased property. Refer to Table 6-8. A closure reference is not appropriate or required for these ASTs.

YB015: AST 118A was removed and no evidence of spills or stains were observed during the visual site inspection for the SEBS. The SEBS will be used as a closure reference in Table 8-1.

PCB Site 6585265 requires remedial action; therefore, a closure reference is not appropriate. The PCB site has been designated ECP Area Type 4 in anticipation of this action prior to transfer.

21. Comment: <u>We have the following additional comments on the Table 8-1 summary for these ECP2 parcels</u>:

T005: Please state the status of the sampling done at SS 180A.

T011: Please note that we did not agree with the Petroleum Site D1B NFA request.

T015: Please state why no closure action is needed for several ASTs.

T034: Please state the status of the GW T034 NFA request.

T042: A closure reference for HW T042 is needed. Please note that the Water Board is still reviewing the Site F2B NFA request.

T048: Please note that the Water Board is still reviewing the Site F2B NFA request.

T049: Ditto.

T068: Please state why no closure action is needed for several ASTs.

T074: Please note that the Site 14/22 closure report has not yet been reviewed – thus its ECP status is unknown.

T076: Ditto.

T088: A closure reference for HW T088 is needed.

T120: A closure reference for HW T120 is needed.

YB002: A closure reference for AST 181 is needed.

YB004: Closure references for ASTs are needed.

YB020: Please state the status of Petroleum sites YF2 and YF3. What is the status of ORD 92?

YB021: Please state the status of Petroleum Site YF3.

Response: T005: The current status of spill and stain 180A is discussed in the Data Gaps Investigation. Parcel T005 and portions of T006 have been removed from the TI Southwest Transfer Parcel to allow for additional review of the environmental condition of the property.

T011: Tables 6-4 and 8-1 have been updated to indicate that the Water Board did not concur with the Navy's NFA request and additional sampling is required. Estimated site closeout has been changed to "TBD," depending on the results of the next round of sampling.

T015: ASTs that have no evidence of leakage do not require agency concurrence for closure and this SEBS serves as documentation that NFA is appropriate. In addition, except for a former water tank, ASTs located in this parcel have been cleaned and placed in inactive status. Refer to Table 6-8.

T034: GW T034 is potentially downgradient of UST 368B. UST 368B received NFA concurrence from the Water Board in 2003. The status of issue GW T034 was changed in Table 8-1 to NFA and the closure reference was added (Water Board 2003f).

T042: HW T042 is related to a former medical waste container located outside of Building 42. The 1995 EBS did not identify any spills, stains, or releases associated with the generation or disposal of the waste; therefore, no closure action is required. Issue HW T042 has been added to Table 6-13 and the 1995 EBS has been added as the closure reference in Table 8-1.

The status of Pipeline Site F2B NFA request has been updated in Tables 6-4 and 8-1 from "closure report in preparation" to "closure report submitted requesting NFA." The estimated site closeout has been updated to August 2005 in Table 6-4.

T048: See response to EBS Parcel T042.

T049: See response to EBS Parcel T042.

T068: ASTs FF1-FF3 are active propane tanks in leased property associated with the CCSF Fire Fighting Training School and therefore do not require closure references. Refer to Table 6-8.

T074: The closure report for Site 14/22 is for petroleum related issues and according to DoD guidelines, the EBS Parcels impacted by the site are designated ECP Area Type 2. Please see response to Water Board General Comment 3 for additional discussion.

T076: See response to EBS Parcel T074.

T088: Refer to Table 6-13. The 1995 EBS found no evidence of environmental issues of concern associated with the temporary storage of asbestos waste. The closure reference column for issue HW T088 in Table 8-1 has been modified from "NA" to "ERM-West 1995."

T120: Waste actively generated and stored in association with the CCSF Fire Fighting Training School. Table 6-13 column entitled "Location Description" has been modified to state that "At the time of this SEBS, the Treasure Island Development Authority (TIDA) has reported no spills or releases associated with their activities at this site."

YB002: ASTs were removed and closed out in association with Petroleum Site 16 closure. The Navy modified the "Closure Reference" column on Table 8-1 to read "Refer to Table 6-8, Site 16."

YB004: ASTS 162T and 242T are active water tanks and AST 227 is a concrete water reservoir for which no closure reference is necessary or appropriate. AST 2T-O was a historic oil reservoir, which has been removed. The Navy modified the closure reference column for AST 2T-O in Table 8-1 from "NA" to "PRC and Uribe and Associates 1997" based on an SEBS visual site inspection which identified no spills, stains, or releases associated with this AST.

YB020: The Navy received NFA concurrence from the Water Board for Pipeline Site YF2 in June 2004. The "estimated site closeout" column in Table 6-4 has been modified from "2005" to "NFA June 2004." The Water Board recommended further investigation at Site YF3 and field work has been postponed pending the outcome of Caltrans activities.

ORD 92 was a small arms magazine, demolished prior to 1961. According to the 1995 ERM-West EBS, "EPA and DTSC guidance holds that storage of ordnance is not likely to have impacted Parcel T109." Tables 6-11 and 8-1 have been modified to list the 1995 EBS as the closure reference for ORD 92.

YB021: See above response for EBS Parcel YB020 for status of pipeline YF3.

22. Comment: **<u>We have the following additional comments on the Table 8-1 summary for these ECP 3 parcels</u>:**

T081: Please state the status or a closure reference for GW T081. PCB TX-127 has no status, yet it has an ECP of 3. Please explain.

T091: Please state a closure reference for AST 540. PCB TX-147 has no status, yet it has an ECP of 3. Please explain.

YB003: Please state a closure reference for ORD YB003.

YB019: What is the status of HW YB019, PCB TX-252, and UST 57?

YB022: What is the status of HW YB022, and Petroleum Site YF3? Per the Data Gaps Investigation, battery-laden debris at this parcel contained high metals, PAHs and PCBs. Why is an ECP 3 category appropriate?

Response: T081: Issue GW T081 was created due to the potential for contamination from UST 201 that is located on an adjacent parcel. UST 201 has since been closed with Water Board concurrence. The status of GW T081 has been updated to show the issue as closed by the Water Board closure letter in both Tables 6-9 and 8-1. PCB TX-127 has been sampled and requires a restriction limiting the area to low occupancy pursuant to TSCA guidelines. The ECP type for this issue has been updated to ECP 4 and the closure reference is TBD as the work has not been completed at the time of this SEBS.

T091: AST 540 is an inactive diesel tank with aboveground piping located in a 4-foot-high concrete containment berm. The issue was assigned an ECP Area Type 2 because a spill occurred in the past (See issue SS 540); however, that spill has since been addressed. Table 8-1 has been updated to state "See issue SS 540" in the "closure reference" column. This tank has been leased to a TIDA subtenant and is currently active. That tenant reported a small spill associated with their operation of the tank and has been working directly with the DTSC in completing response actions.

PCB TX-147 has been sampled and requires a restriction limiting the area to low occupancy pursuant to TSCA guidelines. The ECP type for this issue has been updated to ECP 4, and the closure reference is TBD as the work has not been completed at the time of this SEBS.

YB003: Issue ORD YB003 and PB YB003 are duplicative, but have been retained in the SEBS database for historical purposes. Both issues were closed when sample results indicated that lead contamination did not exceed the preliminary remediation goal (Tetra Tech and U&A 1999) as is indicated in Table 6-9 for issue PB YB003. Issue PB YB003 (see Table 6-9) has been added to the "closure document" column in Tables 6-11 and 8-1 for issue ORD YB003 to clarify how the ORD YB003 issue was closed.

YB019: Issue HW YB019 in Table 8-1 is the Battery Site (see Figure 6-4 for the location of the site, identified as "Battery"). During excavation of a utility trench in 2002, Caltrans discovered debris containing dry cell batteries. The area remains under investigation pending the outcome of Caltrans activities; therefore, it is an open site. For further information regarding the issue, please refer to Section 7.3.4.2.15.

During the Navy's review, two errors regarding the identification of the issue were found. First, issue HW YB019, although it appears in the EBS database, was not listed in Table 6-13, Summary of Hazardous Waste Generation and Storage Locations. In addition, the Battery Site is not located within the boundaries of EBS Parcel YB019, but rather YB020. The Battery Site traverses the borders of EBS Parcels YB020 and YB022. The area of Parcel YB020 within the Battery Site has been carved out of the transfer area and will be designated ECP Area Type 6. To correct the errors, the Navy changed issue HW YB019 to HW YB020 and added issue HW YB020 to Table 6-13.

PCB TX-252 has been sampled and requires a restriction limiting the area to low occupancy pursuant to TSCA guidelines. The ECP type for this issue has been updated to ECP 4 and the closure reference is TBD as the work has not been completed at the time of this SEBS.

The "Status" column in Table 8-1 has been updated to read "NFA" for UST 57 pursuant to a Water Board 2003 closure letter. Refer to Table 6-6 for additional information regarding this UST.

YB022: HW YB022 is part of the Battery Site and remains under investigation pending the outcome of Caltrans activities. The portion of EBS Parcel YB022 (along with YB020) is located within the boundary of the Battery Site has been carved out of the transfer area and re-assigned ECP Area Type 6. The portion of YB022 located outside of the Battery Site boundary has been assigned ECP 3.

Issue HW YB022, although it appears in the EBS database, was not listed in Table 6-13. The Navy modified Table 6-13 to include issue YB022.

The status of Pipeline site YF3 is addressed in Table 6-4 and Section 7.3.4.2.2 of the text. The status column in Table 8-1 is intended to provide a macro level report of status. Current detailed status for sites with ongoing work is not intended to be included in this SEBS. Please refer to the FFSRA or the Environmental Closeout Strategy and Schedules, or the BCT schedules for detail level schedule information.

23. Comment: **<u>We have the following additional comments on the Table 8-1 summary for these ECP 5, 6 and 7 parcels</u>:**

T006: **Why is no closure action required for the AST, HW T006A,B, ORD 144, of ORD 454? What is the status of the fieldwork for the USTs?**

T007: **Why is no closure action needed for AST 3?**

T008: **Why is no closure action needed for HW T008A, B, C?**

T010: **Please note that we did not concur with the NFA request for Petroleum site D1B.**

T056: **What is the status of fieldwork at HST T056? Why is no closure action required at HW T056A, B? Or ORD 107? Please note that we are still reviewing the Site F2A/B NFA request, whose ECP status is not yet known.**

T057: **Why is no closure action required for the ASTs, or for HW T057?**

T058: **Please note that we are still reviewing the Site F2A/B NFA request, whose ECP status is not yet known.**

T066: **Why is no closure action required for AST T066?**

T067: **Why no closure action required for HW T067 or ORD 458? What are the results of the sampling for the USTs? The closure reference for Site F2B should be deleted, as this is still under review.**

T097: **Why is no closure action required for HW T097?**

T103: **Why is no closure action required for ORD T103?**

T107: **Why is no closure action required for HW T107?**

T108: **What are the results of the sampling at the USTs? Why is no closure action required for the ASTs?**

T112: **Why is no closure action required for the ASTs?**

T115: **Why is no closure action required for HW T115?**

YB023: **What is the status of Petroleum Site USCG?**

Response: T006: AST 520 is inactive and was cleaned in 1998. The letter from Laidlaw Environmental Services notifying the Navy of the completion of the cleaning has been used as the closure reference for AST 520. The reference to site Petroleum Site 25 in Table 6-8 as being associated with AST 520 has been deleted as Petroleum Site 25 did not close AST 520. Rather, the Laidlaw letter has been identified as the closure reference in Tables 6-8 and 8-1 for AST 520.

ASTs 520B-1 through 3 were cleaned and are currently inactive boiler additive tanks (see Table 6-8). EBS and SEBS visual inspections found no evidence of spills, stains, or releases warranting further investigation or closure activities. The 1995 EBS has been added to the closure reference column on Table 8-1 for these tanks.

For issues HW T006A and B refer to Table 6-13.

ORD 144 and 454 were identified as requiring NFA in the 1995 EBS. According to the 1995 ERM-West EBS, "EPA and DTSC guidance holds that storage of ordnance is not likely to have impacted Parcel T006." The 1995 EBS has been added as a closure reference for these issues in both Table 6-11 and Table 8-1.

Fieldwork for USTs 143-A through 143-I and UST 2B is complete and closure is sequenced to Site 25 closure. Table 8-1 has been updated to state "report pending" in the status column and to state "See Site 25, Table 6-6" in the closure reference column. For UST 180C, "Sampling" in the "Status" Column has been changed to "Prepare closure report." Please note that the area surrounding building 180 including tank 180C has been removed from the TI Southwest Transfer Parcel footprint to allow for additional review of the environmental condition of the property.

T007: NFA is appropriate because AST 3 was removed and no spills or stains associated with this tank were identified. Refer to Table 6-8.

T008: Minor hazardous waste generation and storage activities occurred on EBS Parcel T008. The 1995 EBS determined NFA was appropriate. No hazardous waste generation or storage was noted during the 2004 visual site inspections. The 1995 EBS has been added to Table 8-1 as the closure reference for these issues.

T010: Table 6-4 has been updated to indicate the Water Board did not concur with the NFA request for Pipeline Site D1B. The Navy modified the status column to state "additional sampling requested by Water Board," the anticipated outcome and estimated site closeout columns to "TBD."

T056: Additional information regarding issue HIST T056 may be found in Table 6-9. The purpose of the SEBS is not to provide detailed status on outstanding environmental issues. Please refer to the FFSRA for fieldwork schedule information related to HIST T056.

The 1995 ERM-West EBS determined NFA action was appropriate for issues HW T056A, B and ORD 107. Issues T056A and B have been added to Table 6-13. Issue ORD 107 has been added to Table 6-11. The 1995 EBS been added as a closure reference in Table 8-1 for each of the three issues.

As previously noted, Site F2A/B is petroleum related and involved a release. Therefore, according to DoD guidelines, Site F2A/B has been assigned to ECP Area Type 2 (whether or not the site has achieved regulatory closure).

T057: Please refer to Table 6-8 for additional information regarding ASTs 455A through D. No closure reference is required because these tanks are inactive and there was no evidence of a spill or release identified. The City and County of San Francisco inspected ASTs 455 in 1998 and verified they were out of service and empty. The report has been added as a closure reference.

The 1995 EBS evaluated the HW T057 issue and based on the evaluation, it was determined NFA was appropriate for small amounts of hazardous storage and generation in Building 455 (ERM West 1995). Issue T057 has been added to Table 6-13 and the 1995 EBS has been added to Tables 6-13 and 8-1 as a closure reference for this issue.

T058: See response to T056.

T066: The 1995 EBS identified no stains or spills associated with AST T066 (ERM-West 1995). This was a temporary AST at the time of the 1995 EBS that has since been removed. Refer to Table 6-8 for additional information regarding this tank. The 1995 EBS has been added to Table 8-1 as the closure reference for this tank.

T067: Regarding issue HW T067, historically, hazardous waste was generated and stored in EBS Parcel T067. The 1995 EBS determined NFA was appropriate for this issue. Issue T067 has been added to Table 6-13 and the 1995 EBS included as the closure reference for this issue in Tables 6-13 and 8-1.

Issue ORD 458 was identified and written off in the 1995 ERM-West EBS, "USEPA and DTSC guidance holds that storage of ordnance is not likely to have impacted Parcel T067." The 1995 EBS has been added as the closure reference for ORD 458 in Tables 6-11 and 8-1.

The sampling results for USTs 14A and B identified "release not indicated by soil and groundwater sampling," (see Table 6-6). However, closure of these USTs has been tied to closure of CERCLA Site 24 and Petroleum Site F2A, both of which are open

sites. Table 8-1 for these USTs has been updated to state "Pending closure of Petroleum Site F2A" in the "Status" column and "See Petroleum Site F2A" in the "Closure Reference" column.

The NFA reference in the "Status" column for Petroleum Program Site F2B has been changed to "requesting NFA" and the closure reference has been deleted in Table 8-1.

T097: Regarding issue HW T097, small amounts of hazardous materials were stored in EBS Parcel T097. The 1995 EBS determined NFA was appropriate for this issue. Issue T097 has been added to Table 6-13 and the 1995 EBS included as the closure reference for this issue in Tables 6-13 and 8-1.

T103: According to the 1995 ERM-West EBS, "USEPA and DTSC guidance holds that storage of ordnance is not likely to have impacted Parcel T103." The 1995 EBS has been added as the closure reference for ORD T103 in Tables 6-11 and 8-1.

T107: Regarding issue HW T107, small amounts of hazardous materials were stored in EBS Parcel T107. The 1995 EBS evaluated the HW 107 issue and based on the evaluation, NFA was determined to be appropriate for this issue (ERM-West 1995). Issue HW107 has been added to the Table 6-13 and the 1995 EBS included as the closure reference for this issue in Tables 6-13 and 8-1.

T108: See Table 6-6 for the UST sampling results for Parcel T108. "Sampling" in the "Status" column of Table 8-1 has been replaced with "Report Pending" for USTs 240A and 240B and USTs 248A through D.

ASTs 240 and 248 are part of the ongoing petroleum investigation at Site 06 and will be closed out as part of the Site 06 closure process. The issues associated with these tanks have been assigned ECP 2 for potential leaks associated with their usage.

T112: The ASTs located in EBS Parcel T112 are active boiler tanks associated with the sewage treatment plant.

T115: Regarding issue HW T115, small amounts of hazardous materials were stored in EBS Parcel T107. The 1995 EBS evaluated the HW T115 issue and based on the evaluation, NFA was determined for this issue (ERM-West 1995). Issue HW T115 has been added to Table 6-13 and the 1995 EBS has been included as the closure reference for this issue in Tables 6-13 and 8-1.

YB023 Replaced “Continued field work” in the “Status” column for Issue “Petroleum Site USCG” with “See Table 6-4.” The site work is currently on hold pending completion of Caltrans bridge work.

REFERENCES

U.S. Department of Defense (DoD). 1996. "BRAC Cleanup Plan Guidebook." Fall.

ERM-West, Inc. (ERM-West). 1995a. "Basewide Environmental Baseline Survey Report for Naval Station Treasure Island." May 19.

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RESPONSES TO REGULATORY AGENCY COMMENTS ON REVISED DRAFT SUPPLEMENTAL ENVIRONMENTAL BASELINE SURVEY NAVAL STATION TREASURE ISLAND, SAN FRANCISCO, CALIFORNIA

This document presents the U.S. Department of the Navy's (Navy) responses to comments from staff from the California Department of Toxic Substances Control (DTSC) on the Revised Draft Supplemental Environmental Baseline Survey (SEBS), Naval Station Treasure Island, San Francisco, California, dated March 10, 2005. The comments addressed below were received from DTSC on April 11, 2005.

RESPONSES TO DTSC COMMENTS

GENERAL COMMENTS

1. **Comment:** **DTSC appreciates the Navy's effort at making revisions to the SEBS since we last commented on the document in March and June of 2003. The Navy included many of DTSC's suggested changes in the current SEBS, but we also noted that some significant issues affecting parcels on both Treasure Island (TI) and Yerba Buena Island (YBI) have not been addressed to our satisfaction.**

   Response: See response to General Comment 3.

2. **Comment:** **While DTSC agrees with the stated purpose of the SEBS, "to identify all known issues that require resolution before a parcel can be considered transferable", we do not agree that all the known issues have been addressed in a manner that will support transfers in the future. Moreover, DTSC believes that the SEBS practically serves as a preliminary assessment report and that it is the Navy's intent that it support a no further action determination for the four large parcels being proposed for transfer under the Finding of Suitability to Transfer (FOST) process.**

   Response: As identified in the DTSC comment, it is the purpose of the SEBS, in part, "to identify all known issues that require resolution before a parcel can be considered transferable." However; the SEBS does not support and it is not the Navy's intent to represent that "all known issues have been addressed in a manner that will support transfers in the future." As discussed in the SEBS, only certain parcels of land have been identified as transferable based on the status of know issues. These parcels are referred to as "Transfer Parcels" and they are discussed in Section 7.0. The remaining property is referred to as "Non-Transferable Property and is discussed in Section 6.0.

   This SEBS has been prepared in accordance with United States Department of Defense (DoD) guidance for completing an EBS found in DoD FOST guidance (DoD 1996). The SEBS will serve as the basis for a subsequent Finding of Suitability to Transfer (FOST) document for those

EBS parcels that have been designated as transferable. It is not the Navy's intent that the SEBS serve as either a preliminary assessment or a "no further action determination" pursuant to Comprehensive Environmental Response, Compensation, and Liability Act (CERCLA).

3. **Comment:** **Based on an evaluation of past sampling data. DTSC staff have determined that lead and Polychlorinated Biphenyl (PCB) contamination exists in and around structures at concentrations that could pose a health risk to current and future users of the property. For this reason, DTSC believes that the Navy must characterize the nature and extent of both lead and PCB contamination at parcels where lead or PCB products are used or were known to be used in order to determine what level of response may be necessary pursuant to the National Oil Spill Response and Contingency Plan.**

Response: The Navy is committed to completion in the FOST areas of all lead-based paint (LBP) and PCB hazard assessment and abatement to the full extent required by law, regulation and applicable guidance. Appropriate notices and restrictions will be included in the FOSTs and associated deeds for property at the time of transfer to ensure that risks to human health and the environment are appropriately addressed.

The Navy has conducted LBP hazard assessment and abatement at Naval Station Treasure Island (NAVSTA TI) as detailed in Section 6.2.12 of the SEBS. The hazard assessment and abatement have been completed for residential buildings in accordance with all applicable DoD and Department of Housing and Urban Development guidelines. As has been discussed at Base Realignment and Closure (BRAC) Cleanup Team (BCT) meetings, the Revised Draft SEBS was prepared in anticipation of completion of ongoing LBP soil abatement activities for Quarters 1 to 10 on YBI; however, that abatement has since been completed. DTSC has indicated in BCT meetings the agency's position that LBP releases to soil around all buildings at NAVSTA TI must be addressed pursuant to CERCLA and the Navy presumes that that position is inferred in the above comment. DoD and the Navy have concluded that, with respect to BRAC properties, the Residential Lead-Based Paint Hazard Reduction Act, Title X, that amends the Lead-Based Paint Poisoning Prevention Act and the Toxic Substances Control Act, 42 *United States Code* (USC) 2681 are sufficiently protective to address hazards posed by LBP. The Navy's use of Title X in lieu of CERCLA is consistent with DoD policy and with numerous similar transfers throughout the United States. Should this comment remain unresolved at the time the Navy executes FOSTs for NAVSTA TI property, the DTSC comment regarding LBP will be appended to the FOST as an unresolved comment.

A restriction will be included in the FOST that will require the property recipient to properly address LBP in soils prior to any future residential development or changes to the hardscape surrounding the historical quarters.

Navy understands the above DTSC comment regarding PCB contamination to be in reference to the potential for minor PCB spills and possible indoor air releases associated with electrical equipment on NAVSTA TI. As discussed in BCT meetings and Section 6.2.9 of the SEBS, the Navy will complete assessment and abatement of all PCB sites on NAVSTA TI in compliance with Toxic Substances Control Act (TSCA) and implementing regulations (40 *Code of Federal Regulations* 761). However, this work may be accomplished subsequent to property transfer and, if so, appropriate restrictions protective of human health and the environment will be included in the FOSTs. Sampling of PCB sites in transferable parcels has been completed and, as identified in the SEBS, some sites require additional action and therefore will have restrictions placed on them during the FOST and property transfer process. DTSC has indicated in BCT meetings the agency's position that PCB releases at NAVSTA TI must be addressed pursuant to CERCLA and the Navy presumes that that position is inferred in the above comment. Navy has concluded that the Toxic Substances Control Act (42 USC 2681) and implementing regulations are sufficiently protective to address hazards posed by PCBs. The Navy's use of TSCA in lieu of CERCLA is consistent with numerous similar transfers throughout the United States. The Navy does not agree with the DTSC position and should this comment remain unresolved at the time the Navy executes FOSTs for NAVSTA TI property, the DTSC comment regarding PCBs will be appended to the FOST as an unresolved comment.

Restrictions will be placed on those buildings within the FOST footprint that have PCB detections which exceed the TSCA low occupancy criteria of 25 parts per million. This language will restrict future use of the building and include requirements for signage and enforce limited access to the contaminated areas.

4. Comment: **DTSC also believes that these issues must he resolved prior to finalizing the SEBS and moving forward in the transfer process. If these issues cannot be resolved at the BCT level, then informal and formal elevation to the next management levels will be necessary.**

Response: Comment noted. See response to General Comment 3.

SPECIFIC COMMENTS

1. Comment: **<u>Page ES-3, Classification of Property for Reuse and Transfer</u>. As a part of determining which parcels are suitable for transfer, the Navy has assigned ECP area type designations to each of the parcels and in some cases, it has assigned two different ECP types to the same parcel when issues are present that would preclude transfer of the entire parcel. While it may be possible to identify the portions of parcels which have not been impacted by contaminants, DTSC questions the appropriateness of assigning two different ECP types to parcels that are part of a known site. Please discuss how these parcels will be handled in the transfer process, and specifically, how institutional controls would be implemented and managed on parcels that are partially occupied by a designated site.**

Parcel T091 has been proposed as an ECP type 3 (areas where release, disposal and/or migration of hazardous substances has occurred but at concentrations that do not require a removal or remedial action), even though contaminants detected in groundwater will require restrictions prohibiting the use of groundwater in the future.

Chapter 6.8 of the California Health and Safety Code (CHSC) and Title 22, California Code of Regulations (CCR), identify requirements for addressing releases of hazardous substances as a result of past operations. Specifically, CCR Section 67391.1 states that a land use covenant (LUC) imposing appropriate limitations on land use shall be executed and recorded when: (1) Facility closure, corrective action, remedial or removal action, or other response actions are undertaken pursuant to chapter 6.5, 6.8, or 6.85 of division 20 of the California Health arid Safety Code; and (2) Hazardous materials, hazardous wastes or constituents, or hazardous substances will remain at the property at levels which are not suitable for unrestricted use of the land. For Parcel T091 and all other parcels where constituents will remain DTSC believes that at a minimum, and prior to transfer pursuant to either a FOST or FOSET, an LUC that imposes appropriate limitations must be entered into between the Navy and DTSC in accordance with CHSC Sections 25202.5, 25222.1, 25355.5, or 25398.7 and 25396(I) and Title 22 Section 67391.1.

Please explain why Parcels S001, S003-S006, S008, S009 and T004 have been classified as ECP type 5 parcels.

<u>Table ES-1</u>. Parcel T010, a parcel proposed for transfer within the TI Southeast Transfer Parcel, is listed as an ECP Area Type 6 but in Section 7.3.2.4 it is listed as an ECP Area Type 3. Please clarify.

Response: The Executive Summary and Section 8.0 of the text identify the parcels partially located inside and outside of the transfer areas. The FOST will establish what institutional controls, including land use restrictions, are appropriate. In addition, the FOST will identify the footprint for each restriction. Restrictions may apply to portions or all of a transfer parcel dependent on the specific environmental issues. The process for implementation of institutional controls will be addressed in the FOSTs, but typically these controls involve deed notices and restrictions. Navy management of institutional controls for parcels that are partially occupied by a designated site will depend on whether the restriction is a final remedy or is intended to be temporary for the period that remediation and site closeout is being completed (i.e., petroleum sites or PCB sites). For sites with restrictions associated with final CERCLA remedies, these restrictions will be subject to Navy 5 year reviews on effectiveness. For restrictions that are intended to be temporary in nature for the period of site closeout, Navy may establish additional administrative controls to ensure compliance with the restriction.

The comment regarding EBS Parcel T091 is noted. The Navy presumes that the groundwater restrictions referred to in the DTSC comment are a result of the response activities overseen by DTSC for the Robinson Prezioso Inc. site, a tenant of the Treasure Island Development Authority (TIDA). Navy will incorporate groundwater use restrictions as identified by DTSC in the FOST that includes this parcel; however, at this time based on the closure information provided by DTSC, the Navy is unaware of what specific GW restriction DTSC recommends for this site.

The Navy and DTSC have previously entered into a memorandum of agreement (MOA) whereby the Navy has agreed to grant to the state a covenant to enforce land use restrictions where such restrictions are "environmental restrictions." The Navy intends to comply with that MOA. However, it should be noted that the MOA calls for these restrictive covenants to be granted contemporaneous with, and not prior to, the property transfer.

EBS Parcels S001, S003-S006, S008, and T004 were designated environmental condition of property (ECP) Area Type 5 based on CERCLA Site 13 and the preparation of the final record of decision (ROD). The final ROD was signed in April 2005, and, accordingly, the ECP type for parcels S001, S003-S006, and S008 has been changed in the text, Figure 7-1, and Tables ES-1, 6-3, 7-1, 8-1 to ECP 3, indicating no known releases requiring remedial actions have been taken or are required. EBS Parcels S002 and T004 are located within the boundaries of CERCLA Site 27, where a Feasibility Study (FS) is currently being prepared. The text and aforementioned figure and tables has been updated to ECP 6, indicating that a release of hazardous waste has occurred but not all required actions have been implemented.

Table ES-1 provides the overall ECP type for EBS Parcels whereas the text of Section 7.3.2.4 refers only to that portion of EBS Parcel T010 that lies within the transfer parcel. The portion of EBS Parcel T010 located outside of the TI Southeast Transfer Parcel is within the boundary of CERCLA Site 21 and is therefore assigned ECP type 6; however, the portion located in the transfer area has been assigned ECP 4 based on the anticipated remedial action for the PCB site identified within EBS Parcel T010. Section 7.2 has been revised to clarify that where portions of EBS parcels lie in and outside of a transfer parcel, the ECP type designation discussed in Section 7.0 refers only to that portion of the EBS parcel located in the transfer parcel. In addition, Table 7-1 has been revised to provide ECP types for only EBS parcels (or portions thereof) that lie within transfer parcels.

2. Comment: **Table 4-2: Summary of Buildings Past and Current Use. Building 343 is associated with Parcel T006 when it should be associated with Parcel T067.**

Many buildings are listed on Table 4-2 but are not depicted on Figure 3-1 (i.e., 362, 398, 481, 379, 458). Please discuss why these buildings are not depicted on Figure 3-1 and if they were previously demolished, a foot note should be added to the table in order to inform the reader of their status.

Response: After a review of historic building surveys and SEBS visual site inspection notes, it has been determined that Building 343 is indeed only in EBS Parcel T067 and not T006. The SEBS database and Table 4-2 have been corrected as noted.

The Navy classified every known structure (for example, Building 362 is a small shed) and improvement (for example, Building 398 is a tennis court). For clarity, non-buildings (improvements) have been screened out of Table 4-2 and Figure 3-1 has been updated to depict all of the buildings listed in Table 4-2. Table 4-2 provides a status column that indicates whether the building is present or demolished.

3. Comment: **Table 4-3: Summary of Transfer Parcel Open Space Past and Current Use. Many of the parcels in Table 4-3 describe buildings that were previously demolished but no discussion of the activities associated with those buildings is provided. Prior to reaching any conclusions for these parcels, the Navy needs to research and describe the activities associated with all former buildings so that the reader may determine if past activities in and around those buildings could have resulted in a release to the environment. Without this additional information, DTSC is unable to determine if the use of those former buildings may have resulted in a release to the parcels they once occupied. Once this additional information is obtained and discussed**

in the SEBS, Table 4-2 should also be updated and a new figure depicting demolished buildings should be included in the report.

EBS Parcel T048 indicates that the parcel was redeveloped with a "square-shaped structure and asphalt-paved areas" but without any explanation of what the square-shaped structure was. Please describe what the square shaped structure was and how it may affect the ECP type for this parcel.

Response: The Navy has previously researched past activities on NAVSTA TI in order to identify potential activities that may have resulted in a release to the environment. A comprehensive study was conducted as part of both the 1988 Preliminary Assessment for NAVSTA TI and the 1995 EBS (Dames and Moore 1988, ERM-West 1995). Each of these studies investigated the potential for releases associated with past uses including disposal of demolition debris and all identified potential releases have been either identified as individual issues within the SEBS or are being addressed in conjunction with identified CERCLA or Petroleum sites. There is no new information regarding past use that would warrant repeating these basewide studies to create the additional documentation related to demolished buildings as requested by the DTSC. Further, the information regarding historical use and demolished buildings included in the SEBS has not changed since the Draft Final SEBS in June 2003. As has been discussed at BCT meetings, the format and content of this SEBS conforms to the previous SEBS as modified by comments received, and updated polyaromatic hydrocarbon (PAH), LBP, PCB and Historical Radiological Assessment data. However, based on available information, the Navy added demolished buildings to Table 4-2. Demolished buildings will not be depicted on figures since it is not possible to confirm the precise locations of all demolished structures. The buildings which were (are) associated with environmental investigations have been identified in previous studies.

According to the 1995 EBS, a "square shaped structure" of unknown use or origin was located on the EBS Parcel between approximately 1976 and 1983. By 1991, the entire parcel was open space. Based on visual site inspections conducted during the 1995 EBS and subsequent SEBS investigations, no evidence of staining, spills, releases, debris, or any environmental condition were noted that could affect the ECP type of this parcel. The ECP type assigned to EBS Parcel T048 is ECP 2.

4. Comment: **<u>Page 6-4, Section 6.1.2, Petroleum Program Status</u>. DTSC staff defers to the Water Board for all petroleum related issues in the SEBS.**

Response: Please refer to the response to Water Board comments.

5. **Comment:** **<u>Page 6-8, Section 6.2.9, Polychlorinated Biphenyls</u>. Please see our general comments.**

Response: Please refer to the response for General Comment 3.

6. **Comment:** **<u>Page 6-10, Section 6.2.12, Lead-Based Paint</u>. Please see our general comments.**

Response: Please refer to the response for General Comment 3.

7. **Comment:** **<u>Table 6-2: Status of CERCLA Sites</u>. The estimated site closeout date for Site 12 is listed as 2006 but the NSTI Environmental Closeout Strategy and Schedules, dated July 30, 2004, indicates site completion will be May 4, 2009. Please clarify.**

Response: According to the updated internal draft of the NAVSTA TI Environmental Closeout Strategy and Schedules Report, the estimated site completion for Site 12 is now July 2009. The text and Table 6-2 have been updated to reflect this alteration in schedule.

8. **Comment:** **<u>Table 6-9: Summary of Other Locations of Concern</u>. EBS Parcel T065 is identified in Table 6-9 but no discussion regarding the numerous transformers currently being stored at Lot 69 is provided. DTSC believes that the Navy needs to provide additional information regarding the history of transformer storage on this lot and that if sufficient information to address our concerns about potential past releases is not available, then sampling may be necessary to assess whether a release to the environment has occurred.**

Response: EBS Parcel T069 is located adjacent to EBS Parcels T065 and T117. The DTSC requested additional investigation for PCBs and PAHs in EBS Parcels T066 and T117, which were detected above soil screening criteria in several investigation trenches. The Navy excavated additional investigation trenches and presented the data at several BCT meetings. The results were approved by the BCT and the Navy recommended no further investigation at the sampling locations based on the analytical results (Shaw 2005).

According to Mr. Michael Mentink, NAVSTA TI Caretaker Site Office, the San Francisco Public Utilities Commission currently stores transformers in the area known as Lot 69, which is located in EBS Parcel T117. During recent site visits, a leaking transformer and associated staining were observed by DTSC and Navy personnel. It is unknown whether or not the leaking transformer or other transformers stored in the area contain PCBs. However, it should be noted that Lot 69 is not located within the footprint of the FOST and does not impact the transferability of any of the four designated transfer areas.

9. **Comment:** **<u>Table 6-14: Summary of Equipment With Dielectric Fluid That May Contain PCBs</u>. For all transformer locations with PCB detections, please see our general comments.**

Response: Please refer to the response for General Comment 3.

10. **Comment:** **<u>Tables 6-16 and 6-17: Summary of Lead-Based Paint in Residential Buildings and Non-Residential Buildings</u>. For all residential and non-residential structures that may contain lead-based paint, please see our general comments.**

Response: Please refer to the response for General Comment 3.

11. **Comment:** **<u>Page 7-22, Section 7.3.3.2.15, Other Locations of Concern</u>. The last paragraph of this section discusses Parcel T091 and specifically, contamination issues associated with the operation of the storage yard by California Engineering Contractors, Inc. (CEC). While the information presented is generally accurate, DTSC suggests that the Navy update the status of this parcel with information presented by Toxichem Management Systems, Inc. on March 11, 2005 and discussed at a meeting between the Water Board, City of San Francisco, Navy and DTSC on March 29,2005.**

Response: The Navy modified the discussion of EBS Parcel T091 in Section 7.3.3.2.15 to read as follows:

"After discussions between the Navy, DTSC, and Geomatrix on February 15, 2005, it was decided that there were two outstanding petroleum hydrocarbon issues that would need to be resolved prior to an NFA agreement: (1) Total Petroleum Hydrocarbon (TPH) concentrations in shallow soil (Paint Storage Area) above environmental screening levels (ESL) and (2) petroleum contamination in groundwater in the vicinity of a removed oil water separator (OWS). Toxichem Management Systems Inc. (Toxichem) was contracted to conduct the investigation. The samples taken in the vicinity of the paint storage area did not detect PAHs, PCBs, or pesticides. Concentrations of TPH as motor oil (mo) were detected ranging from 2,100 to 3,100 milligrams per kilogram. PennzSuppress®D was sprayed at the site by CEC in 2000 to suppress dust and stabilize the aggregate (Toxichem 2005). One sample taken near the removed OWS did exceed the ESL, but there appeared to be asphalt in the fill (Toxichem 2005). The extent of TPH-mo contamination in groundwater in the vicinity of the removed OWS was sufficiently delineated with a maximum concentration of 730 micrograms per liter. Toxichem stated that the Robison-Prezioso, Inc. (RPI) area has been adequately delineated and that no further action was warranted. DTSC and the Water Board indicated at the February 15, 2005 meeting that they concurred with the Navy's NFA recommendation and would be providing closure letters on this area."

12. Comment: **<u>Page 8-2. Section 8.1.3, ECP 3 Parcels</u>. Parcel YB022 is listed as an ECP type 3 when it should be either and ECP type 6 or 7.**

Response: The Navy presumes that DTSC is referring to the Battery site as the reason that YB022 should be designated ECP 6 or 7. Despite the fact that the Battery site was discussed in the text, this issue did not appear in the SEBS tables and, therefore, EBS Parcel YB022 was listed as ECP3. The Battery site has been added to the tables and the EBS Parcel as a whole is now identified as ECP 6. The portion of EBS Parcel YB022 impacted by the Battery Site (see Figure 6-4) had been previously carved out of the transfer area. The portion of EBS Parcel located within the transfer parcel remains classified as ECP 3. The area of EBS Parcel YB022 located within the Battery Site boundary has been designated ECP 6 based on the ongoing investigation. Please see response to Specific Comment 1.

REFERENCES

Dames and Moore. 1988. "Final Preliminary Assessment/Site Inspection of Naval Station Treasure Island." Naval Energy and Environmental Support Activity. April 1.

ERM-West, Inc. (ERM-West). 1995. "Basewide Environmental Baseline Survey Report for Naval Station Treasure Island." May 19.

Shaw. 2005. "Final Field Activity Report Environmental Baseline Survey Data Gaps Investigation, Naval Station Treasure Island, San Francisco, California." February 22.

Toxichem Management Systems, Inc. (Toxichem). 2005. "Site Investigation and Request for No Further Action Addendum Property Leased to California Engineering Contractors, Inc." March 11.

U.S. Department of Defense (DoD). 1996. "BRAC Cleanup Plan Guidebook." Fall.

RESPONSES TO REGULATORY AGENCY COMMENTS ON REVISED DRAFT FINAL SUPPLEMENTAL ENVIRONMENTAL BASELINE SURVEY NAVAL STATION TREASURE ISLAND, SAN FRANCISCO, CALIFORNIA

This document presents the U.S. Department of the Navy's (Navy) responses to comments from staff from Geomatrix Consultants, Inc. (Geomatrix) on behalf of the Treasure Island Development Authority (TIDA) on the Revised Draft Final Supplemental Environmental Baseline Survey (SEBS), Naval Station Treasure Island, San Francisco, California, dated March 10, 2005. The comments addressed below were received from Geomatrix on April 21, 2005.

RESPONSES TO GEOMATRIX (TIDA) COMMENTS

COMMENT: **DOCUMENT SUMMARY**

The SEBS provides an update to the "Environmental Condition of Property" (ECP) classifications of each of the Environmental Baseline Survey (EBS) parcels identified and initially classified in the 1995 EBS Report (the EBS Report). The ECP classification system has seven categories, ranging from:

- **ECP 1 Parcels (parcels where no hazardous substances petroleum products have been released or disposed and where no migration of such substances from adjacent areas has occurred), to**
- **ECP 7 Parcels (parcels that have not been evaluated or that require further evaluation). The EBS Report and the SEBS do not address land transferred by the Navy to other federal agencies or transferred in fee by the Navy to any other parties.**

In some cases, the EBS assigns different ECP parcel classifications to different parts of the same parcel. For example, part of EBS Parcel TO55 that is within the boundary of Site 24 has been classified as ECP Parcel Type 6, and the rest of that parcel has been classified as ECP Parcel Type 1. In the SEBS, these distinctions are shown on Figure 7-1, but are not explicitly reflected in Tables ES-1 and 7-1, which show only the highest ECP Parcel Type designation that has been assigned to any part of an EBS Parcel. The SEBS incorporates information developed after the EBS Report was prepared and reflects information available through November 30, 2004. Note that the draft of the Field Activity Report for the EBS Data Gaps Investigation was issued on November 5, 2004, so information in that report should be reflected in the SEBS.

Response: As indicated in the Geomatrix comment, Tables ES-1, 7-1, and 8-1 provide the ECP type for entire EBS parcels. In order to increase clarity, additional language has been added to Section 7.0 and Table 7-1 has been revised to provide the ECP type for only the EBS Parcels or portions of parcels that lie within the transfer parcels. See response to DTSC Specific Comment 1 for additional information.

The Navy has modified the Final SEBS based on the Final EBS Data Gaps Investigation issued February 22, 2005. Generally speaking, the SEBS and associated database are updated to reflect only final documents. The Final SEBS reflects the information available through April 2005.

GENERAL COMMENTS

1. Comment : As written, the SEBS is intended to address available data, and presumably BCT decisions, through November 30, 2004. Geomatrix recognizes that further changes to ECP Parcel Type classifications will be made as a result of ongoing investigations, remedial actions, and BCT deliberations. Some Specific Comments below point out areas where such changes appear to be appropriate now. Please clarify in the Executive Summary (perhaps in the fourth paragraph on page ES-1) and in appropriate parts of the main body of the report, where decisions about such future changes will be made and documented. For example, will there be future revisions of the SEBS or will some other vehicles be used to document future classification changes?

Response: The Navy has periodically updated the SEBS and associated database of issues and associated ECP Parcel Area Type classifications based on the results of ongoing environmental investigations, remedial actions, and Base Realignment and Closure (BRAC) Cleanup Team (BCT) deliberations. Future SEBSs will be published as appropriate in support of property transfer activities.

The Navy modified the Executive Summary in the fourth paragraph of page one to read as follows:

> "Future changes to environmental issues impacting NAVSTA TI will be incorporated into future SEBSs, as appropriate, in support of property transfer activities."

2. **Comment:** **Geomatrix's comments on the text of Section 7 may require revision of Table 7-1 (a summary of Navy-assigned ECP parcel classifications), and Section 8, "Conclusions."**

Response: The Navy modified Table 7-1 as discussed in the RTC for DTSC Specific Comment 1.

3. **Comment:** **In many cases, the Navy describes sites that were sampled and then classified as ECP 1, because, according to the Navy, no contaminants were detected at concentrations greater than screening criteria. If contaminants other than ambient concentrations of naturally occurring metals were detected at these sites, then they should be classified as ECP 2 or 3, not ECP 1. The entry for EBS Parcel T093 (former greenhouses) in Table 6-12 is an example of this.**

Response: Tables 6-12 and 8-1 have been modified to list ECP Area Type 3 for issues Pest T093 in EBS Parcel T093 and Pest 292 in EBS Parcel T107. The EBS Data Gaps Investigation sampling results showed some levels of contamination in EBS Parcel T107; however, step out sampling results were all below soil screening criteria and the BCT concurred with the Navy's recommendation for NFA. In addition tables and text for other issues have been reviewed and updated to assign ECP Area Type 3 where sampling detections are greater than ambient concentrations but less than screening criteria for contaminants of concern. The corresponding sections in the text, tables in Section 6.0, and Tables ES-1, 7-1, and 8-1 have been updated accordingly.

4. **Comment:** **We have reservations about whether parcels T076, T077, T078 and T106 should be included in the TI Core Transfer Parcel. Dioxins were recently discovered by the Navy on parcel T076 (petroleum Site 14). It does not appear that the extent of the dioxin was established and it is not clear whether all dioxin-affected soil was removed during the petroleum excavation; this issue has not received regulatory closure. We believe parcel T076 should not be classified as ECP Type 2. Additionally, CERCLA sites adjacent to these parcels (Sites 6, 7, and 10) have not received regulatory closure and some of these sites likely will have additional investigations. It is possible that these CERCLA sites might have impacts that extend onto adjacent parcels within the TI Core Transfer Parcel. We recommend that this issue be discussed among members of the BCT.**

Response: The Navy has removed all dioxin contaminated soil for EBS parcel T076 as was discussed and documented in the September 2004 BCT meeting and confirmed by Shaw Environmental Inc. in the May 2005 BCT meeting. The ECP type for EBS Parcel T076 has been changed from an ECP 2 to an ECP 4 to reflect the discovery and removal of the dioxin

contamination. EBS Parcels T077, T078 and T106 have been left in the TI Core Transfer Parcel as the boundaries for CERCLA Sites 06, 07 and 10 have been established to encompass each of these CERCLA sites in their entirety in consultation with the BCT. No new information has been identified that would cause these boundaries to be shifted in a manner that would affect EBS Parcels T077, T078 and T106. Please see Section 7.3.3.1.1 for a discussion regarding the impact of these CERCLA sites located in the TI Core Transfer Parcel.

SPECIFIC COMMENTS

1. **Comment:** **Table 2-1, "Tenant Status" lists several residential buildings in Site 12 that are unoccupied because remediation has not yet been complete. For example, under the tenant "Homeless Housing" several buildings from Bigelow Court are listed and under Treasure Island Housing (John Stewart) some buildings from Halyburton Court and within solid waste disposal areas are listed. Please provide clarification in the table, or remove buildings that have not been occupied.**

   Response: The "Tenant" column in Table 2-1 refers to the lessee of the property, not necessarily the occupant (or whether the building is currently occupied). For clarity, the title of Table 2-1 has been changed to read "Lessee Status," the "Tenant" column has been renamed "Lessee" and a footnote has been added stating the following: "This column specifies the lessee of building(s) and not the current occupant status."

2. **Comment:** **Figure 3-3 indicates that all the colored areas shown on the map are leased directly to TIDA, and then identifies different tenants and/or sub-lessees associated with specific leased areas (e.g., to the San Francisco Unified School District). Please confirm that TIDA is the primary lessee of all the parcels or indicate any parcels that may be leased directly from the Navy by parties other than TIDA.**

   Response: TIDA is the primary lessee of the colored areas identified on Figure 3-3.

3. **Comment:** **Table 4-3 is incomplete, because it makes no mention of underground features associated with former uses, such a buried tanks and pipelines. If they are not mentioned because they are addressed elsewhere in the SEBS, then the table and the associated text in Section 4.2 should describe the sections of the SEBS where buried features are addressed.**

Response: The Navy modified Table 4-3 to include a footnote. The footnote reads as follows: "For information regarding underground features, such as buried tanks and pipelines, refer to Sections 6.2.1 and 6.2.2 in the text and Tables 6-6 and 6-7.

4. **Comment:** **On Figure 1-2 and Figure 6-1, the northern boundary of Site 24 and the southern boundary of the TI Core Transfer Parcel should be reviewed and adjusted or annotated, if necessary, to reflect the likely change to the northern boundary of Site 24.**

Response: The boundary changes proposed for the northern portion of Site 24 are still pending agency approval. No alterations will be made to the TI Core Transfer Parcel boundary until the Site 24 boundary changes become final; however, it is intended that this boundary change will be finalized prior to the publication of the Final Finding of Suitability for Transfer (FOST) and that it will be reflected in that document.

5. **Comment:** **Section 6.1.1, on page 6-2, should state that the boundary of Site 6 is being expanded as part of the reclassification of Site 6 from a petroleum-program site to a CERCLA site. Also, some of the Southeastern part of Parcel T109 will need to be reclassified from ECP Type 1 to ECP Type 6 or 7, to correspond to the required redefinition of Site 6 boundaries.**

Response: The Navy modified the text in Section 6.1.1 to state that boundary changes for Site 06 to address the dioxins issue were finalized at the BCT Scoping Meeting for Site 06. The boundary change is effective for CERCLA constituents only. The ECP Area Type for EBS Parcel T109 has been updated in the text, Figure 7-1, and Tables ES-1, 7-1, and 8-1 from 1 to 6.

6. **Comment:** **Section 6.1.1, on page 6-2, should mention that there also are areas in Site 12 with elevated arsenic concentrations in groundwater. According to the Navy's hypothesis, the arsenic is associated with petroleum releases. However, the arsenic (a CERCLA constituent) exceedances need to be acknowledged, even though they may be petroleum-related.**

Response: The Navy added the following sentence to Section 6.1.1: "Elevated concentrations of ambient arsenic believed to be associated with petroleum releases have also been detected in the groundwater in areas of Site 12."

7. **Comment:** **<u>In Section 6.1.1, at the bottom of page 6-2, and in Section 7.3.4.1.1, in the middle of page 7-26</u>, please describe: 1) The use of the Site 18 asbestos-covered pipeline; 2) Whether the pipeline is still in use, and; 3) Any documentation of regulatory agency concurrence with the Navy's "No Further Action" decision for Site 18. Similarly, please describe: 1) The specific use of the Site 23 ruptured oil pipeline; 2) Whether the pipeline is still in use; 3) Whether any actual field investigation was undertaken to assess the environmental effects of this pipeline rupture, and; 4) Any documentation of regulatory agency concurrence with the Navy's "No Further Action" decision for Site 23.**

Response: <u>Site 18</u>:

1) Section 6.1.1, paragraph eight, second sentence has been revised to read: "It was reported that early in the 1980s, a landslide on YBI exposed abandoned steam piping insulated with asbestos. The precise location of the pipeline is not known; however, it was not believed to be located within the SEBS footprint and, therefore, is not listed on Table 6-3."

2) It is presumed that the pipeline is no longer in use based on the 1988 PA/SI (Dames and Moore 1988). The revision to the text discussed above addresses this.

3) Site 18 was originally identified in the 1988 PA/SI and subsequently removed from consideration as discussed in the Draft RI (see Table 6-2 of the SEBS). There was no information to confirm the actual report that steam pipe lagging with asbestos was damaged in a landslide.

<u>Site 23</u>:

1) Section 6.1.1, paragraph eight, fifth sentence has been revised to read: "A landslide on YBI in the 1980s also reportedly ruptured a pipeline that transported black oil from fueling pier 3/4 uphill to storage tank 117."

2) According to the Dames and Moore 1988 PA/SI, the fuel line was used to transport oil from the fueling Piers 3 and 4 to storage tank 117 (Dames and Moore 1988).

3) The PA/SI did not include a recommendation for any field investigation. Based on the steep topography and the mechanism of landslide movement, the aerial distribution of product is presumed high—and the concentration of released product low.

4) According to the PA/SI report, the site was removed from consideration. The pipeline itself has subsequently been investigated and closed as Pipeline site YF-1.

Both sites 18 and 23 were removed from consideration following the 1988 PA/SI, but there is no specific documentation of regulatory concurrence to NFA for these sites. However, subsequent Base Cleanup Plans and Federal Facility Site Remediation Agreement (FFSRA) schedules have not addressed these sites as it is understood that no further action is required for these sites.

8. Comment: **<u>In Section 6.1.1</u>, please revise the paragraph about Site 24 to remove the word "closed" from the description of Sites 5 and 17. Those two sites were incorporated into Site 24 for further evaluation, as described in Section 7.3.1.1.1, but they were not closed.**

Response: According to a January 17, 2001 letter from Mr. David Rist of the DTSC to Mr. James Sullivan, Navy Remedial Project Manager (RPM) for NAVSTA TI, Sites 05 and 17 were closed based on the understanding that the land area that comprised the two sites was merged with the existing Site 24 boundary and that all contaminants associated with the sites would be addressed as part of Site 24. A reference to the DTSC concurrence for closure of Sites 05 and 17 was added to Sections 6.1.1 and 7.3.1.1.1.

9. Comment: **<u>In Section 6.1.1</u>, in the paragraph discussing Site 30, please consider whether the phrase "*over* and between the locations" might be clearer than the phrase "*around* and between the locations" that describes placement of the concrete cap to isolate locations with elevated concentrations of dioxins in subsurface soil.**

Response: The phrase "around and between the locations" has been replaced with "over and between the locations" in Section 6.1.1.

10. Comment: **<u>In Section 6.1.l, at the bottom of page 6-3</u>, please state that chemicals at concentrations greater than screening criteria also were detected in groundwater samples from Site 32, not just in soil samples.**

Response: The text in Section 6.1.1 has been updated to read:

> "Metals were detected at concentrations greater than the site screening criteria (SSC) in groundwater samples collected in Site 32 as part of the Final Data Gaps Investigation (Shaw 2005)."

11. Comment: **<u>In Section 6.1.1, at the top of page 6-4</u>, the description of Site 33 is incomplete. Please clarify that, as shown on Figure 6- 1, Site 33 is located in Parcels T014, T019, T020, and T056, not just in Parcels T014 and T056.**

Response: The text in Section 6.1.1 has been updated to read:

> "Site 33 is a former water line replacement area located in EBS Parcels T014, T019, T020, T056, T057, and T058 (Navy 2004a)."

12. Comment: **<u>In Section 6.1.1, at the top of page 6-4, and in Section 7.3.1.1.1, at the bottom of page 7- 3</u>, the description of Site 33 indicates that "debris associated with historical repairs to the water line was found within the footprint of the former Lake of the Nations." The use of the term "associated" is misleading, because it suggests that there may have been some correlation between the performance of pipeline repairs and the presence of debris. Debris was discovered many years ago, *in the course of* repairs to water lines, but debris and chemicals of concern have been detected n samples collected 10s of feet away from the pipelines, so its presence appears more 1ikely to be the result of fill operations that preceded the repairs of the pipelines.**

Response: The description in Sections 6.1.1 and 7.3.1.1.1 has been modified to state the following: "During the course of historical repairs to the base's water lines, debris was discovered within portions of the water line replacement trenches."

13. Comment: **<u>In Section 6.1.1</u>, the second paragraph on page 6-4 is confusing. Please provide a citation for the statement that Sites 13 and 27 "were investigated and recommended for NFA." Recommended when and by whom? Please identify the site or sites addressed by the November 9, 2004, revised feasibility study. Please describe why a revised feasibility study was prepared and cite the original feasibility study. Please describe how the decision was reached, and documented, that the PAHs detected in Parcel T006, and apparently the result of Site 27 skeet range operations were "determined to be sufficiently buffered from the remaining portion of EBS Parcel T006." Who made this determination and has there been regulatory concurrence? Again, cite appropriate references.**

Response: The Navy revised the discussion of Site 13 in Section 6.1.1 has been updated to read:

> "A final no action ROD was signed on April 7, 2005 for Site 13 (Navy 2005b)."

The Navy revised the discussion of Site 27 in Section 6.1.1 to read as follows:

"A draft feasibility study (FS) for Site 27 was submitted to the agencies on December 10, 2004. After consultation with the BCT, the Navy will select a remedy deemed appropriate based on the FS for Site 27. In 2004, a land portion of EBS Parcel T006 was carved out of the FOST footprint with approval from the BCT and was added to Site 27 after PAHs were detected in the soil (see Figures 1-2 and 6-4). As part of the EBS data gaps investigation, the field team collected onshore samples at Site 06. Five step-out trenches were dug at 5-foot intervals away from the original PCW-031 location (Shaw 2004b). The results of the sampling showed elevated PAHs above the field screening level of 0.62 milligram per kilogram (mg/kg) at two of the seven sampling locations. The results of samples collected from additional step-out trenches at these two locations did not indicate elevated PAHs (Shaw 2004b). At 3 ft bgs directly beneath the original PCW-031 location, PAHs were detected at 79.4 mg/kg; however, PAHs detected in the 4.0 feet bgs sample were below the field screening level (Shaw 2004b). Through the step-out trenching process of delineating the PAH contamination, all elevated concentrations were removed. All seven samples had detectable levels of lead below the EPA's Residential PRG of 400 mg/kg. Based on the removal of all elevated concentrations of PAHs, detectable levels of lead below the EPA residential PRG, and the impact to soils only, PAHs and lead at Site 06 do not pose a risk to the soil or groundwater at the transferable portion of EBS Parcel T006."

Based on available information, the Navy determined that the portion of EBS Parcel T006 carved out of the transfer area sufficiently buffers the remaining portions of the parcel. Formal regulatory concurrence to this determination will occur during the finalization of the FOST for the transfer parcel; however, these boundaries hve been presented, discussed and approved in BCT meetings.

14. Comment: **<u>In Section 6.2.2</u>, the Navy states that all groundwater monitoring and environmental investigations are complete for Fuel Pipeline Sites D1B, F2A, F2B, YF3 and the USCG Site. Site YF3 will not be investigated until access is restored (after bridge construction is completed) and concurrence with draft Closure Reports for the remaining sites have not yet been received.**

Response: The Navy updated the discussion of Sites D1B, F2A, and F2B to read as follows:

"After reviewing the Navy's request for NFA at Site D1B, the Water Board requested additional sampling. The Navy submitted closure reports requesting NFA for Sites F2A and F2B."

The investigations at Sites YF3 and USCG have been postponed pending the outcome of Caltrans activities, as stated in the Draft SEBS.

15. Comment: **<u>In Section 6.2.3</u>, please explain how it is known that closure procedures specified in a 2002 document were followed for all closed ASTs, when the Navy states that "Many ASTs were out of service by the 1990s, when the base closed." Please cite the documentation that confirms that older closures conformed to standards only published about three years ago.**

Response: The Navy could not confirm that procedures specified in the 2002 guidance document were followed for all closed ASTs. The Navy deleted the sentence and reference to the 2002 guidance document from Section 6.2.3. The following general description was added: "The Navy followed closeout procedures to empty and clean inactive ASTs that are remaining on NAVSTA TI along with associated pipelines."

16. Comment: **<u>In Section 6.2.5</u>, please state whether any explosive residues were detected in the Site 12 samples from the former bunker area.**

Response: In Section 6.2.5, third sentence, replaced "based on results," with "explosive residues were not detected in soil or GW monitoring results for the Site 12 former bunker area."

17. Comment: **<u>In Section 6.2.6</u>, please describe how pesticides were used at TI and YBI prior to implementation of the 2002 Navy guidance to which this section refers.**

Response: Revised Section 6.2.6 to read as follows:

> "Developed open space areas across NAVSTA TI are likely to have received routine pesticide application. The Navy applied registered pesticides in a manner consistent with the manufacturer's instructions and in accordance with the Navy's established pesticide management program, pursuant to applicable laws and regulations. Pesticides were used for ordinary and routine application in a manner consistent with standards for registered application for residential areas. CERCLA exempts application of pesticide products registered under the Federal Insecticide, Fungicide, and Rodenticide Act from CERCLA. However, a spill or inappropriate disposal of pesticide would be covered by CERCLA. Locations where large quantities of pesticide were or potentially were mixed or stored are presented in Table 6-12. Figure 6-4 shows the locations of pesticide areas, except for Pesticide Sites 113 and 114, which are now characterized as CERCLA Sites 7 and 10, as shown on Figure 6-1."

18. Comment: **<u>Section 6.2.8</u> should describe the Navy's known former program of on-site waste disposal in Site 12 and describe waste disposal in other areas where the discovery of buried waste confirms earlier disposal (e.g., the Water Line Replacement Area).**

Response: Section 6.2.8, second paragraph, added the following new second and third sentence: "In addition, solid waste and trash have been disposed of at several sites on TI and YBI. These sites are currently being investigated as IR sites as discussed elsewhere in this report."

19. Comment: **<u>In Section 6.2.8</u>, please cite the regulatory document that confirms regulatory concurrence for NFA at the Building 461 incinerator. The text only references a Navy consultant's document.**

Response: No "regulatory document" is required to close this site. Specific and separate written concurrence to the conclusions in the referenced document is not required by regulation or guidance. The BCT reviewed the referenced document and its conclusions and this site has been identified as NFA in subsequent planning and SEBS documents, which have identified this site as closed.

20. Comment: **<u>Section 6.2.9</u> states that all PCB-containing transformers with PCB concentrations in oil greater than 500 parts per million and 50 parts per million "were eliminated" [emphasis added] by October 1998 and October 2003, respectively, but the text only cites a 1994 Navy document as the authority for this assertion. Please state whether those deadlines actually were met. Please list the PCB concentrations in each of the pieces of electrical equipment listed in Table 6-14, to support the statement about whether the removal deadlines were met and to show whether any PCB-containing equipment remains on TI or YBI. If any PCB-containing equipment remains on TI or YBI, then please list it, regardless of whether or not it has leaked in the past, so that an assessment of possible future problems can be made.**

Response: The Navy revised Section 6.2.9 based on historical information provided in the draft PCB Summary Report (Sullivan Consulting Group [SULLIVAN] and Tetra Tech EM Inc [Tetra Tech] 2004). The updated portion of paragraph two in Section 6.2.9 reads as follow:

> "Navy guidelines state that all transformers that contain 500 parts per million (ppm) or more PCBs were to be removed by October 1998, and all transformers that contain 50 ppm or more of PCBs were to be removed by October 2003 (U.S. Department of the Navy, Navy Public Works Center [Navy] 1994). In the 1980s, 21 PCB transformers (500 ppm PCB or greater) were removed from NAVSTA TI. In 1995, the PWC San Francisco completed a

survey of the remaining 190 high-voltage electric transformers and circuit breaker (devices). The dialectric fluid from these devices was sampled and analyzed for PCBs (U.S. Department of the Navy, Navy Public Works Center [PWC] 1994, 1995, and 1997). Among the surveyed electrical equipment, one remaining transformer contained PCBs greater than 500 ppm, and it was removed in 1996 (PWC 1997). An additional five transformers on TI and 3 transformers on YBI contained PCBs between 50 and 500 ppm. Those transformers on TI were removed between 1995 and 1996 (PWC 1997). The 1995 EBS also documented the presence or suspected presence of equipment with dielectric fluid that may contain PCBs (ERM-West, Inc. [ERM-West] 1995). In addition, Shipbuilding, Conversion, and Repair, Portsmouth, Virginia, Environmental Detachment Vallejo (SSPORTS) produced a list of "transformers and oil-filled switches sighted at Treasure Island" (SSPORTS 1997)."

All known electrical equipment that contains or is suspected of containing PCBs is listed in Table 6-14. Should the TIDA wish to verify the statement that all transformers containing greater than 50 ppm or more PCBs, please refer to the referenced documents.

Proposed sampling locations in the non-transferable EBS Parcels have been incorporated into Table 6-14.

21. Comment: **Please describe the source of the information in Section 6.2.13 (Radon), cite the available documentation, and describe the basis for the judgment that the six radon screening locations were representative of TI and YBI.**

Response: The source of the radon information is the 1995 EBS (ERM-West 1995). This is the only source information available as has been reported previously to the TIDA. The 1995 EBS identified the screening locations as representative; however, as the source documentation is not available, the basis for the judgment cannot be reproduced. The TIDA has been previously advised that the Navy's obligation is to disclose what is known regarding radon testing. The text in Section 6.2.13 describes the radon testing. The available data are consistent with published EPA data that indicate that NAVSTA TI is not located in an area expected to have a potential to exceed the limit of 4 picocuries per liter for residential exposure.

22. Comment: **<u>In Section 6.2.14</u>, please clarify whether radiological decontamination training at the ship mockup began in 1958 and continued for some time, or whether, as implied by the text, it only occurred in 1958. Also please clarify whether the only reference for the material in this section is "Dames & Moore, 1988," cited at the end of the last paragraph, or whether there are other documents that contain information about radiological contaminants. If there are other documents, please cite them.**

Response: The Navy modified the text in Section 6.2.14 to clarify that radiological decontamination training located in ship mockup (Building 371) was initiated in 1958. The ship mockup (Building 371) was moved to EBS Parcel T111 in 1969 where training continued until it ceased in 1982.

The Navy added two additional references. The first is a fact sheet produced by Mr. Jim Whitcomb, Navy RPM. The second is a letter from Mr. Whitcomb presenting the results of the historical radiological assessment for the four transfer areas. The letter was presented to the BCT, which concurred with the findings that no further investigation for the radiological issue is required in the transfer areas. This letter is currently being revised and expanded to include additional information, references, and figures

23. Comment: **<u>Section 6.3</u> should identify every site where notification to future landowners of residual chemicals left after remedial actions has been incorporated, or expected to be incorporated, and the section should specify the nature, location, quantity, and concentrations in environmental media of all known residual chemicals. For example, this section should describe the residual petroleum products, including free-phase chemicals, left in shallow and deep soil, and in groundwater, at Site 15, after closure. This section should also describe any information that the Navy has about any regulatory agency requirements that may be imposed on future landowners as a result of such residual chemicals.**

Response: To clarify the information appropriate for inclusion in an SEBS Section 6.3 has been retitled "Monitoring and Remediation Wells" and the text of Section 6.3.1 has been retained. All other existing text related to notices was deleted. Notices are developed in the FOSTs, which will follow the SEBS and are only identified for transferable property. For information, hazardous substance notices contained within the FOSTs will comply with the requirements of 40 *Code of Federal Regulations* 373.1 and any other notices required by records of decision or closure letters.

24. Comment: **<u>Table 6-5 and Table 6-6</u>, are misleading as presented, because they suggest that parcels covered by petroleum-related sites do not have ECP classifications higher than 2. In fact, many of the sites listed in Table 6-5 and Table 6-6 have classifications greater than ECP 2, because they are affected by chemicals released at CERCLA sites. For example, Parcel T008 and Parcel T009, in Pipeline Site D1C, and Parcel T108, in Site 6, should be classified as ECP 6, because they are affected by chlorinated solvents or dioxins and cleanup has not begun. Please change the ECF' classifications of such sites listed in Table 6-5 and Table 6-6 or clarify that the ECP classifications only apply to the petroleum releases and are not the actual ECP classifications for all the tabulated sites. A similar problem exists for many other tables, which appear to show an ECP classification based only on the specific issue addressed in the table.**

Response: The SEBS assigned ECP Area Types to each environmental issue identified. Table 8-1 provides a synopsis of the issues and their corresponding ECP types. Table ES-1 provides the overall ECP types for all non-transferred EBS Parcels located on TI and YBI. Table 7-1 was modified to show the ECP type assigned to the whole or partial portion of EBS Parcels located within the transfer areas.

The Navy incorporated a footnote into each of the tables in Section 6.0 which identify issue specific ECP types stating: "The ECP classifications identified in this table pertain only to the (PCBs, USTs, etc.) issue. For the overall ECP classification assigned to EBS Parcels, please refer to Table 8-1."

25. Comment: **<u>In Table 6-9</u>, the "Additional Information" entries for Parcel T005 (Building 180) incorrectly suggest that only petroleum chemicals have been detected at Building 180. In the past, chlorinated solvents have been detected in groundwater samples collected near the former waste oil tank, 180C. For example, chlorobenzene was detected in samples from more than one round of sampling, was detected in several wells at concentrations more than 10 times greater than the detection limit, and was detected once at a concentration of 210 µg/l, greater than the screening criterion of 129 µg/l. Moreover, in Section 12.4.2 of the August 18, 2003, Final Groundwater Status Report, the Navy stated, "Chlorobenzene is used as a solvent in some pesticide formulations, as a degreaser, and to make other chemicals; it is assumed that the detected concentrations of chlorobenzene and other VOCs are related to waste liquids, including cleaning solvents and degreasers, which may have been stored in the UST." Therefore, it appears that Parcel T005 should be classified at ECP 3.**

Response: The Navy modified the "additional information" entry for the issue GW T005 (associated with the ongoing investigation at UST 180C) to state that chlorinated solvents and petroleum have been detected in groundwater. The "ECP Area Type" column in Tables 6-9 and 8-1 for issue GW T005 has been changed from 2 to 3.

26. Comment: **<u>In Table 6-9</u>, the "Additional Information" entry for Parcel T006 is incomplete with respect to the former skeet range, Site 27. The entry should be amended to describe the detection of non-petroleum-related PAHs in Parcel T006 soil as a result of skeet range operations.**

Response: The other issue PB T006 listed in Table 6-9 was identified in the 1995 EBS to capture the possibility that lead from the skeet range may have impacted the EBS parcel; however, it was subsequently determined as identified in that same document that release of lead was not a potential concern as-is identified in Table 6-9. The concern regarding PAHs in parcel T006 associated with operation of the skeet range is being addressed as part of the IR 27 response. That is why the IR 27 boundary was expanded to include portions of T006 as shown on Figure 6-1 and has been discussed at recent BCT meetings. Refer to Section 6.1.1 in the text and Table 6-2 for information pertaining to Site 27.

27. Comment: **<u>Section 7.3.3.1.1, on page 7-17</u>, should include a description of CERCLA Site 9, which is adjacent to the TI Southwest Transfer Parcel, and which is not yet closed.**

Response: The Navy discussed Site 09 as an adjacent site to the TI Southwest and Southeast Transfer Parcels. The section cited in the comment, Section 7.3.3.1.1 on page 7-17, is the TI Core Transfer Parcel, which the Navy did not consider as being adjacent to Site 09 (over 1,000 feet from boundary to boundary).

28. Comment: **<u>In Section 7.2 ,beginning in the ninth line</u>, a spill or stain "closed out as requiring NFA in the original 1995 EBS is assigned an ECP Area Type of 1 (Areas where no release or disposal of hazardous substances or petroleum products has occurred . . .). Instead, it appears that such spills or stains should be assigned an ECP Area Type of 2 (only petroleum products released) or 3 (release or disposal of hazardous substances at concentrations that do not require removal or remedial action), depending on the chemicals involved.**

Response: The ninth line of Section 7.2 has been revised to read as follows: "Similarly, a spill or stain identified and closed out as NFA in the original 1995 EBS (visual site inspection determined no actual release of petroleum or CERCLA contaminants to the environment had occurred) was assigned an ECP Area Type 1."

29. Comment: **<u>In Section 7.3.1.1.1, on page 7-3</u>, the description of Site 24 is incomplete and misleading with respect to the TI Southwest Transfer Parcel. The Site 24 description should include a description of the area in the southern corner of Site 24 where PCE has been detected in several groundwater samples. The source of this PCE has never been clearly identified, no remedial action has been proposed yet, and the area is much closer to the TI Southwest Transfer Parcel than Building 99.**

Response: The Navy acknowledges the PCE detection discussed in the comment; however, the discussion is neither incomplete nor misleading as represented by the commentor. For information, historic and the most recent (October 2004) groundwater sampling results found only isolated detections of PCE in the southern corner of Site 24 and samples taken between the subject detections and the TI Southwest Transfer Parcel have not detected PCE; however, this level of detail is not appropriate for an SEBS when discussing the impact of adjacent parcels. In addition, based on comments from the Water Board at various BCT meetings, the number of detections and reported analytical results do not require additional investigation.

The purpose of an SEBS includes a discussion of ongoing response actions, but the discussion of the disposition of isolated detections of PCE is more appropriate for discussion in other documents (e.g., the RI, ROD, etc.). As stated in the SEBS text the Groundwater contour maps show TI Southwest Transfer Parcel is upgradient from the PCE detections and the Site 24 boundaries which are conservatively established by the BCT do not overlap the TI Southwest Transfer Parcel. Therefore, these isolated detections are appropriately not discussed or identified in the SEBS as affecting the TI Southwest Transfer Parcel.

30. Comment: **<u>In Section 7.3.1.1.1, on page 7-3</u>, the description of Site 24 should indicate what chemicals of concern were identified, and what environmental media were affected, in IR Sites 5 and 17, which were merged into Site 24.**

Response: As stated in Specific Comment 8, Sites 05 and 17 were closed prior to their merger with Site 24. The contaminants of concern for Site 24 are listed in lines 10 and 11 of paragraph two in Section 7.3.1.1.1.

31. Comment: **<u>In Section 7.3.1.1.1, at the bottom of page 7-3</u>, the description of Site 33 indicates that "debris associated with historical repairs to the water line was found within the footprint of the former Lake of the Nations." The use of the term "associated" is misleading, because it suggests that there may have been some correlation between the performance of pipeline repairs and the presence of debris. Debris was discovered many years ago, *in the course of* repairs to water lines, but debris and chemicals of**

concern have been detected in samples collected 10s of feet away from the pipelines, so its presence appears more likely to be the result of fill operations that preceded the repairs of the pipelines.

Response: See the response to Specific Comment 12.

32. Comment: **Section 7.3.1.1.1, at the top of page 7-4, and Section 7.3.2.1.1, in the middle of page 7-11, state, without qualification, that Site 33 does not "pose a threat to soil or groundwater" in either the TI Southwest Transfer Parcel or the TI Southeast Transfer Parcel. Section 5.4 of the February 22, 2005, report, Final Field Activity Report, Environmental Baseline Survey Data Gaps Investigation (the Final Data Gaps Report), states, however, that the Navy will conduct futher evaluation of Parcels T014 and T056, which are part of CERCLA Site 33. We understand that groundwater sampling will be conducted as part of that investigation. Please clarify how the Navy can be certain that Site 33 does not pose a threat to the Southwest, Southeast, and Core Transfer Parcels if the investigation of Site 33 is incomplete.**

Response: The statements in Sections 7.3.1.1.1 and 7.3.2.1.1 have not been qualified as indicated in the comment. A conclusion is presented along with the technical basis for the conclusion. The language regarding the distance and the fact that the release is to soil only, are provided to establish the technical basis for the conclusion.

As stated in Section 7.3.1.1.1, "Adjacent IR Sites 03, 09, 12, 24, and 33 do not pose a threat to soil or groundwater in the TI Southwest Transfer Parcel as a result either of a release that affected only soils, the approximate distance from the transfer parcel, or the direction of the groundwater flow when compared with the location of the transfer parcel." In addition, the contaminants of concern are lead and dioxin, neither of which are likely to leach to groundwater and migrate off site. Discussions are underway to modify the Site 33 boundary and expand it northward further into the Site 24 boundary; however, this change has yet to be finalized and will not affect the transfer parcels.

In the specific case of Site 33 discussed in the comment, the current and projected future footprint for the lateral extent of Site 33 does not overlap the Treasure Island Southwest Transfer Parcel, contaminants of concern have only been detected in soil to date, are unlikely to be detected in groundwater and, in the event contaminants are found in groundwater, Site 33 is downgradient from the Treasure Island Southwest Transfer Parcel.

Similarly, regarding the Southeast Transfer Parcel (Section 7.3.2.1.1), the current and projected future footprint for the lateral extent of Site 33 does not overlap the Treasure Island Southeast Transfer Parcel; contaminants of concern have only been detected in soil to date; contaminants are unlikely to be detected in groundwater; and, in the event contaminants are found in groundwater, Site 33 is crossgradient from the Treasure Island Southeast Transfer Parcel.

33. Comment: **In Sections 7.3.1.1.2 and 7.3.1.2.2, please clarify that most, but not all, sections of the buried Causeway Pipeline have been removed along the Clipper Cove waterfront. Some sections were closed in place.**

Response: The Navy modified text in Section 7.3.1.1.2 to read as follows:

> "Most of the former pipelines between Sites 16 and 25 have been removed; the majority of the Causeway Pipeline was removed, but some portions were closed in place."

The Navy modified text in Section 7.3.1.2.2 to read as follows:

> "NFA was recommended for the Causeway Pipeline after removal and over excavation in areas where soil screening criteria were exceeded; the Navy received NFA concurrence from the Water Board in 2003 (Water Board 2003a). Most, but not all, of the Causeway Pipeline was removed and some portions were closed in place."

34. Comment: **In Sections 7.3.1.2.1 and 7.3.1.2.4, please clarify whether an adequate search was performed for the buried tanks and the oil-water separator that were never found and that subsequently were closed.**

Response: The Navy revised Sections 7.3.1.2.1 and 7.3.1.2.4 to include the statement that "after an adequate search" in the text.

35. Comment: **In Section 7.3.1.2.1, please describe the discussions between the Navy and the regulatory agencies over the adequacy of the investigations of petroleum detected between Building 180 and the shoreline. What are the sources of that petroleum and how will it affect the potential transfer of the T1 Southwest Transfer Parcel?**

Response: The level of detail requested by the commenter (to describe discussions) is not appropriate for inclusion in a SEBS. As indicated in the text and tables, UST 180C has not been closed. The fact that the Building 180 petroleum release has not reached closure does not preclude transfer. As has been discussed in BCT meetings, petroleum sites that have not been

closed and are located in the transfer parcels will complete closure post transfer. The appropriate notifications and restrictions for these petroleum sites to be protective of human health and the environment, protect remedies, and allow continued access will be addressed in the FOST for the transfer parcels.

36. Comment: **<u>Contrary to the statement in Section 7.3.1.4</u>, Parcel T006 cannot be an ECP 1 parcel, because petroleum compounds, including cumene, have been detected in soil and groundwater in several parts of the parcel.**

Response: The Navy revised the ECP 1 designation for EBS Parcel T006. Based on PCB sampling results, EBS Parcel T006 has been designated ECP 3 (detection, but lower than action level).

37. Comment: **<u>Also, contrary to the statement in Section 7.3.1.4</u>, there are parcels in the TI Southwest Transfer Parcel that should be ECP 3 or ECP 4 parcels, because hazardous substances were present, but either have been sufficiently remediated, or were detected at such low concentrations that remediation was not required. For example, this applies to chlorinated solvents detected at Building 180 and to PAHs from pipe coatings detected around the Causeway Pipeline.**

Response: The Navy reviewed ECP designations and reassigned ECP types to a number of EBS Parcels located in the TI Southwest Transferable Parcel based on the presence of chlorinated solvents, PAHs, PCBs, etc. The following are the revised ECP type 3 and 4 parcels in the TI Southwest Transfer Parcel:

> "**ECP 3 Parcels—**areas where release, disposal, and/or migration of hazardous substances has occurred but at concentrations that do not require a removal or remedial action. EBS parcels T002, T005, T006, T026, T029, T031, T032, and T039 located within the transfer parcel are designated ECP 3.
>
> **ECP 4 Parcels—**areas where release, disposal, and/or migration of hazardous substances has occurred and all remedial actions necessary to protect human health and the environment have been taken. EBS parcels T003, T023, and T034 located within the transfer parcel are designated ECP 4."

38. Comment: **<u>In Section 7.3.2.4</u>, it is not possible to determine whether Parcel T010 is properly assigned to ECP Type 3, because Section 7.3.2.2.8 is unclear about the concentrations of PCBs detected at transformer TX-120 and about whether further remediation will be required for those PCBs. We understand that remediation likely will be required. Please give the concentrations of the PCBs that were detected and explain whether further remediation is required. Also,**

it is not possible to determine if other parcels are properly assigned, because Section 7.3.2.2.8 states that other transformer locations had detectable PCB concentrations that did not require remediation, but it does not state the parcels in which those transformers were located. Therefore, other parcels besides T010 might need to be classified ECP 3.

Response: To review ECP assignments versus available data, please refer to the draft PCB Summary Report, dated November 1, 2004, and published by SULLIVAN and Tetra Tech. In the specific instance of sampling conducted in soil and concrete matrices for transformer TX-120, as identified in the subject report and as has been discussed at BCT meetings, PCB detections ranged from greater than 1 mg/kg to 11 mg/kg. The site itself is a low occupancy site and pursuant to Toxic Substances Control Act (TSCA) would require a land use restriction to restrict future use to low occupancy criteria if no additional remediation or a risk based closure is not conducted. However, as stated at BCT meetings, the Navy intends to perform a removal action pursuant to TSCA self-implementing cleanup guidelines to reduce levels. Appropriate restrictions to be protective of human health and the environment, protect remedies, and allow continued access will be addressed in the FOST for the transfer parcels.

The ECP classifications for all four of the transfer parcels have been updated based on a review of PCB sample results. EBS Parcels with PCB detections below action levels (1 ppm for high occupancy buildings) were categorized as ECP 3. EBS Parcels with detections above action levels (T010 had PCB concentrations exceeding 1 ppm) have been designated ECP 4, in anticipation of completion of the TSCA driven self-implementing cleanup. EBS Parcels with known transformers located outside of the transfer areas have been classified as ECP 7 since sampling has yet to be completed to determine whether there has been a release of PCBs from the electrical equipment. Please refer to Section 6.2.9 and Table 6-14 for more information.

39. Comment: **<u>In Section 7.3.3.1.1</u>, the description of CERCLA Site 6 is misleading, because it does not address the planned expansion of the former boundary of Site 6, which was first contemplated before the November 30, 2004, "information cut-off" for the SEBS and because it indicates that all investigations in Site 6 are complete. The ultimate extent of required investigations cannot be known for certain until the RIIFS and risk assessment are complete and it can be determined that no further investigations are required for remedial design. This section should clearly describe the required expansion of Site 6 and clarify that additional investigations might be needed to fully complete the required RI/FS.**

Response: The revised Site 06 boundary was finalized during discussions following the April 7, 2005 BCT meeting. The updated boundary and its impact on additional EBS Parcels T109 and T111 has been reflected on Figure 6-1 and associated tables and text throughout the document.

40. Comment: **<u>The final paragraph of Section 7.3.3.1.1</u> appears unrealistic in its assessment that CERCLA-site threats to the TI Core Transfer Parcel are unlikely, because it appears premature to assess the impact of dioxin, and other contaminants still under investigation at Site 14 (parcel T076, within the TI Core Parcel) and adjacent Sites 6, 7 and 10. Site 14 (where significantly elevated dioxins were found during removal of petroleum affected soil) has not yet received regulatory closure. Additionally, it is unclear whether the ongoing evaluation of T111 will affect closure of adjacent Site 7. The text states that closure is anticipated, but also states that data gaps sampling at adjacent sites is incomplete. It seems unrealistic to assume closure when site characterization has not been completed. Similarly, the text states that the Navy will deal with dioxin discovered adjacent to Site 10 "in the CERCLA program," yet also states that all CERCLA investigations have been completed at Site 10. Does the Navy plan to declare a new CERCLA site for the dioxin discovered near, but technically outside of Site 10? In any event, it appears from the text that the anticipated dioxin investigation will have to be completed before it will be possible to determine whether this CERCLA contaminant encroaches on the northern comer of the TI Core Transfer Parcel.**

Response: The Navy has removed all dioxin contaminated soil for EBS parcel T076 as was discussed and documented in the September 2004 BCT meeting and confirmed by Shaw Environmental Inc. in the May 2005 BCT meeting. The ECP type for EBS Parcel T076 has been changed from an ECP 2 to an ECP 4 to reflect the discovery and removal of the dioxin contamination. EBS Parcels T077, T078 and T106 have been left in the TI Core Transfer Parcel as the boundaries for CERCLA Sites 06, 07 and 10 have been established to encompass each of these CERCLA sites in their entirety in consultation with the BCT. No new information has been identified that would cause these boundaries to be shifted in a manner that would affect EBS Parcels T077, T078, and T106. In addition, step out confirmation sampling and remediation of the remaining dioxin contamination within Site 10 and potentially near the western boundary of Site 14/22 has been completed. Please see Section 7.3.3.1.1 for a discussion regarding the impact of these CERCLA sites located in the TI Core Transfer Parcel.

41. Comment: **<u>In Section 7.3.3.1.1, on page 7-18</u>, the description of CERCLA Site 32 (Parcel T111, Former Training and Storage Area) is incorrect. The text states that only soil contamination was found at Site 32, but Figure 24 of the Final Data Gaps Report shows that both metals and TPH were detected at concentrations greater than screening criteria in groundwater samples from Site 32.**

Response: The Navy revised the description of CERCLA Site 32 in Sections 6.1.1 and 7.3.3.1.1 to include the following: "Metals and TPH were detected at concentrations greater than the site screening criteria in groundwater from samples collected at Site 32 as part of the Final Data Gaps Investigation."

42. Comment: **<u>In Section 7.3.3.4</u>, Parcels T074 and T084 should be added to the ECP 2 parcel list.**

Response: The Navy added ECP T074 to the ECP 2 parcel list. EBS Parcel T084 was assigned ECP type 3 due to the presence of PCBs, but not at levels that require remedial action.

43. Comment: **<u>In Section 7.3.4.1.1</u>, the description of Site 8 is not sufficiently detailed to confirm that the ECP 1 classification assigned in Section 7.3.4.4 is correct. The description indicates that no RI report has been prepared, it does not describe the chemicals of concern associated with the known on-site disposal of sewage sludge and does not indicate whether any of those chemicals have even been investigated at the site, and does not indicate the results of any testing for possible heavy-metal contamination that might be present on the site.**

Response: Only the portion of EBS Parcel YB024 located within the transfer parcel has been assigned an ECP 1 designation. Site 08 itself, that is not located in the transfer parcel is categorized as an ECP 6 (see Table 8-1). As noted in the comment and consistent with the text and tables of the SEBS, the disposition of the sewage sludge has not been finalized; however, as is further noted in the text, Site 08 is not considered a threat to soil or groundwater in the transfer parcel.

For clarity, the Navy modified Sections 7.3.1.4, 7.3.2.4, 7.3.3.4, and 7.3.4.4 to include the following parenthetical statement after the listing for EBS Parcels located partially outside of the transfer areas: "(the portion located within the (TI Southwest, Southeast, Core, YBI) Transfer Parcel)."

44. Comment: **<u>In Section 7.3.4.1.1</u>, specific information about the known distribution of lead associated with the bridge should be discussed, rather than relying only on unsubstantiated assertions about the possible extent of lead contamination (e.g., "Based on the approximate distance of the transfer parcel from the Bay Bridge [150 to 200 feet], lead paint and vehicle emissions are not believed to have affected the YBI Transfer Parcel). Lead data have been collected and the Navy has asserted that the lead sampling was sufficient to define the extent of the known lead-contamination problem related to the bridge. Therefore, the available data should be referenced and any insufficiency discovered now should be identified so that it can be remedied.**

Response The extent of lead contamination is contained within the Site 28 and 29 boundaries shown on Figure 6-1. These boundaries were established based on known data and are subject to review and concurrence by the BCT. For clarity, the discussion of Sites 28 and 29 in Section 7.3.4.1.1 has been modified to read as follows:

> "The latest investigation for lead in soil at Site 28 occurred in 1995. Based on the sample results, the BCT concurred with the Navy's assertion that no further investigation was required because lead sampling was sufficient to define the extent of the known lead-contamination problem related to the bridge. Site 29 was last sampled by the Navy in 2002. Fifteen surface soil samples were collected and analyzed for lead. The concentrations of lead in surface soils at IR Site 29 ranged from 4.0 mg/kg to 4,410.0 mg/kg. Many sample locations exhibiting elevated concentrations of lead (exceeding 400 mg/kg) in surface soils were either directly under, or immediately adjacent to the SFOBB. This impact was most evident near the YBI tunnel entrance, where the roadway is closer to the ground surface. The Navy has concluded that the extent of known lead contamination has been adequately defined, is contained within the Site 28 and 29 boundaries shown on Figure 6-1, and has not affected the YBI Transfer Parcel."

45. Comment: **<u>Section 7.3.4.2.8</u> refers to a total of 71 PCB investigation sites in the YBI Transfer Parcel, but does not state the status of those sites. According to Table 6-14, at least three of those sites located in the YBI Transfer Parcel (in Parcel YB019) had staining and at least one of those does not have a listed closure document. Please describe the results from the recent PCB sampling program. The information from the investigations and Table 6-14 should be summarized in the Section 7.3.4.2.8 narrative.**

Response: The Navy updated Section 7.3.4.2.8 to read as follows:

> **"**A total of 61 (revised from 71) PCB investigation sites are located in the YBI Transfer Parcel. In 2004, the Navy sampled all known PCB locations in the YBI Transfer Parcel and the results are summarized in Table 6-14. Two sampling locations in the YBI Transfer Parcel, 6585265 in EBS Parcel YB015 and TX-252 in EBS Parcel YB019, had detections which exceeded the high occupancy criterion (1 ppm). However, the two sampling locations on YBI are located in transformer vaults and meet the criteria for low-occupancy areas. The analytical results are below the criterion for low occupancy as defined by TSCA. No other PCB sites located on YBI require additional action (SULLIVAN and Tetra Tech 2004)."

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