



Exhibit "A"

**Southwest Division
Naval Facilities Engineering Command
1220 Pacific Highway
San Diego, California 92132-5190**

COMPREHENSIVE LONG-TERM ENVIRONMENTAL ACTION NAVY (CLEAN II)

Northern and Central California, Nevada, and Utah

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Southwest Division
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**FINAL
FINDING OF SUITABILITY TO TRANSFER
PARCEL XV-A
MARE ISLAND
VALLEJO, CALIFORNIA**

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ACRONYMS AND ABBREVIATIONS

ACM	Asbestos-containing material
AST	Aboveground storage tank
BRAC	Base Realignment and Closure
CCR	California Code of Regulations
CEQA	California Environmental Quality Act
CERCLA	Comprehensive Environmental Response, Compensation, and Liability Act
CERFA	Community Environmental Response Facilitation Act
CFR	Code of Federal Regulation
DoD	U.S. Department of Defense
DOM	Domestic pump station
DON	U.S. Department of the Navy
DPS	Drain pump station
DTSC	California Environmental Protection Agency, Department of Toxic Substances Control
EBS	Environmental baseline survey
ECP	Environmental condition of property
EDC	Economic development conveyance
EFA WEST	Engineering Field Activity West
EIS/EIR	Environmental impact statement/environmental impact report
EPA	U.S. Environmental Protection Agency
ESQD	Explosive Safety Quantity Distance
FOST	Finding of suitability to transfer
G-RAM	General radioactive material
HUD	Housing and Urban Development (Department of)
HWAA	Hazardous waste accumulation area
IR	Installation restoration
LBP	Lead-based paint
MINS	Mare Island Naval Shipyard
NAVELEX	Naval Electronics System Command
NEPA	National Environmental Policy Act
NNPP	Naval Nuclear Propulsion Program
OWS	Oil/water separator
PA/SI	Preliminary assessment/site investigation
PCB	Polychlorinated biphenyl

ACRONYMS AND ABBREVIATIONS (Continued)

ppm	Parts per million
RI	Remedial investigation
RWQCB	California Regional Water Quality Control Board, San Francisco Bay Region
SSPORTS	Supervisor of Shipbuilding, Conversion, and Repair, Portsmouth, Virginia, Environmental Detachment, Vallejo
STS	Storm water termination sites
SWMU	Solid waste management unit
TtEMI	Tetra Tech EM Inc.
U&A	Uribe and Associates
USC	United States Code
UST	Underground storage tank
VSFCD	Vallejo Sanitation and Flood Control District

1.0 INTRODUCTION

The U.S. Department of the Navy (DON) has designated the former Mare Island Naval Shipyard (MINS) in Solano County, California, for closure under the Base Closure and Realignment Act of 1990, the basis for the Base Realignment and Closure (BRAC) program. The former MINS (now known as Mare Island) was included on the BRAC III closure list in 1993. The goal of the BRAC program is to transfer the property and facilities at closing military installations to the community as expeditiously as possible with minimal negative effect on the local economy. This finding of suitability to transfer (FOST) documents environmental findings on a proposed transfer of property at Mare Island, including 15 parcels within economic development conveyance (EDC) Parcel XV (for the purposes of this document, this area will be referred to as Parcel XV-A), from the DON to the City of Vallejo, under the terms of the EDC Memorandum of Agreement (DON/City of Vallejo 1999). The remaining EBS parcels at Mare Island are not covered by this FOST.

The installation was divided into individual parcels to accelerate property transfer at Mare Island. The parcels were then grouped into EDC parcels according to their approximate location at Mare Island. Parcel XV-A is approximately 95 acres in size and is located at the northeastern end of Mare Island, between Highway 37 and Gate #2 to the north and G Street to the south (see Figure 1). Wetlands border portions of the area to the east and west. Parcel XV-A consists of the following 15 parcels: 01-E, 01-F, 01-G, 01-HA, 01-J2A, 01-J3, 01-J4, 01-K, 01-L1A, 01-L2A, 01-L3A, 01-M, 01-O, 01-P, and 01-Q1, as shown on Figure 2. To facilitate the early property transfer of portions of parcels within this FOST, Parcels 01-H, 01-J2, 01-L1, 01-L2, and 01-L3 have been subdivided (for instance, Parcel 01-H became Parcels 01-HA and 01-HB).

DON initiated an environmental baseline survey (EBS) process to assess environmental concerns associated with the installation to facilitate closure and reuse of Mare Island. The basewide EBS consisted of nonintrusive data gathering, including document reviews, visual inspections, and employee interviews, conducted in accordance with U.S. Department of Defense (DoD) guidance (DoD 1994). The basewide EBS provided a comprehensive evaluation of 100 percent of the real property at Mare Island. The results of the basewide EBS are documented in the "Final Basewide Environmental Baseline Survey/Community Environmental Response Facilitation Act (CERFA) Report, Mare Island Naval Shipyard" (MINS 1994d), known as the basewide EBS. Updated information provided in this FOST supplements the basewide EBS.

The Mare Island Final Reuse Plan (City of Vallejo 1994) identifies the intended reuse for parcels covered by this FOST as commercial. Therefore, the parcels included in this FOST have been evaluated based on light industrial reuse.

1.1 PURPOSE

The purposes of this FOST for Parcel XV-A are to: (1) describe the information collected during the basewide EBS; (2) summarize the results of current and previous investigations and activities on and adjacent to Parcel XV-A; (3) reassign the environmental condition of property (ECP) area type classifications for the parcels within Parcel XV-A, as needed; (4) document the suitability of Parcel XV-A for transfer; and (5) disclose required environmental covenants that may apply to the property transfer.

1.2 SCOPE

The scope of work required to prepare this FOST for Parcel XV-A included the following:

- Reviewing additional data collected during subsurface investigations since the basewide EBS was completed.
- Conducting a follow-up site visit of Parcel XV-A to identify changes that have occurred since the basewide EBS was completed.
- Reclassifying the ECP area types for the parcels within Parcel XV-A, as needed.
- Developing notifications and recommended use restrictions to protect human health and the environment, and to ensure continued access by DON for any required investigation and cleanup, as needed.

1.3 EBS DATABASE FOR MARE ISLAND NAVAL SHIPYARD

During preparation of the basewide EBS in 1994, staff from the Supervisor of Shipbuilding, Conversion, and Repair, Portsmouth, Virginia, Environmental Detachment, Vallejo (SSPORTS) developed a relational database used to store data acquired from the multiple interviews, survey forms, questionnaires, and other sources of information during the initial environmental status review of the facility. The database was designed to store, and allowed the user to update, information on the status of various environmental investigations and maintenance activities on a parcel-specific basis. The database was last updated by SSPTS in 1999 and has been amended for Parcel XV-A, as

appropriate. The updated data from the Mare Island EBS database for Parcel XV-A are presented in Appendix A.

1.4 DOCUMENT ORGANIZATION

Section 1.0 of this document presents the purpose and scope of this FOST, describes the MINS EBS database, and describes the organization of this document. Section 2.0 provides a detailed description of the 15 parcels included in Parcel XV-A. Section 3.0 summarizes the role of the regulatory agencies during development of this FOST. Section 4.0 documents DON's compliance with environmental laws. Section 5.0 presents the environmental findings for Parcel XV-A. Section 6.0 presents information on parcels adjacent to Parcel XV-A. Section 7.0 summarizes the environmental condition for parcels in Parcel XV-A. Sections 8.0 and 9.0 provide notice that hazardous substances had been stored on parcels within Parcel XV-A and notifications and restrictions for the transfer of Parcel XV-A, as needed. Section 10.0 summarizes the requirements for environmental covenants, as needed, and Section 11.0 provides a signed statement for the finding of suitability to transfer. References, additional sources, figures, tables, and appendices follow at the end of the report. Additional sources include documents that were reviewed for the preparation of this FOST, but were not specifically referenced in the text.

2.0 PARCEL DESCRIPTIONS

The transfer property (Parcel XV-A), shown on Figure 2, covers about 94 acres at the northern end of Mare Island and consists of Parcels 01-E, 01-F, 01-G, 01-HA, 01-J2A, 01-J3, 01-J4, 01-K, 01-L1A, 01-L2A, 01-L3A, 01-M, 01-O, 01-P, and 01-Q1. This section provides a brief description of each parcel in Parcel XV-A. Table 1 lists acreage and building information for each parcel, including the building number, current and former uses, and the year each building was constructed and, where applicable, demolished. Utilities on the property include collection and distribution lines for storm sewers, sanitary sewers, electrical power lines, natural gas lines, fresh water pipelines, and salt water pipelines.

Each parcel was reclassified, if needed, for the ECP area types based on updated environmental information and on new parcel descriptions resulting from the subdivision of individual parcels. The seven ECP area type classifications, as set forth in the fiscal year 1997 Defense Authorization Act, are described in Table 2 (DoD 1996). The ECP area type classification system does not include the evaluation of potential releases of (1) lead-based paint (LBP) from buildings or structures, (2) polychlorinated biphenyl (PCB)-oils in electrical equipment, (3) asbestos-containing material (ACM) from buildings or structures, or (4) radon.

2.1 PARCEL 01-E

Parcel 01-E covers 5.21 acres. One building (Building 991) occupies approximately 20 percent of the total parcel (see Figure 2, Table 1); this building was historically used as a lumber storage area and later as an enlisted men's club. The remaining 80 percent of the parcel is open space consisting of asphalt parking lots and roadways and concrete walkways. Sanitary sewer, storm sewer, electrical, fresh water, and natural gas lines are located on the parcel.

Installation restoration (IR) site 01 (IR01), the landfill, is located near Parcel 01-E to the south in Investigation Area H1, approximately 520 feet from the boundary of Parcel 01-E (Tetra Tech EM Inc. [TtEMI] and Levine-Fricke Recon 1999); contaminant migration from IR01 is not expected to affect Parcel 01-E. A preliminary assessment/site investigation (PA/SI) at Mare Island identified two sites of potential concern in Parcel 01-E: solid waste management units (SWMU) 093 and 106. SWMUs 093 and 106 were basewide PA/SI sites associated with the storm sewer and sanitary sewer systems (see Section 5.16). A survey for backflow prevention and cross connection

conducted in October 1994 indicated that Building 991 on Parcel 01-E was at some risk for contamination of drinking water (see Section 5.2). One transformer (T-0079), formerly located on Causeway Street, was removed from Parcel 01-E (see Section 5.10). A comprehensive asbestos survey of Building 991 has been completed, and any damaged and friable ACM has been remediated (see Section 5.8). There are no remedial investigation (RI) sites, underground storage tanks (UST), aboveground storage tanks (AST), oil/water separators (OWS), general radioactive material (G-RAM) or Naval Nuclear Propulsion Program (NNPP) sites, documented spills, hazardous waste accumulation areas (HWAA), or ordnance issues at Parcel 01-E.

Parcel 01-E was previously classified as BRAC area type 7 (see Section 7.0) because of issues related to:

- Potential contamination from IR01
- Potential storage of hazardous materials
- Incomplete information on groundwater quality

Subsequent investigative results for soil, sediment, and groundwater presented in the remedial investigation report for Investigation Area H1 indicated that site conditions are protective of human health and the environment under current and projected future uses at IR01 (TtEMI and Levine-Fricke Recon 1999). IR01, the landfill, is located approximately 520 feet from Parcel 01-E; therefore, contamination from IR01 is not expected to affect the parcel. Inspectors did not locate any hazardous materials on Parcel 01-E as part of the building closure inspection process (see Section 5.5). As a result, storage of hazardous materials is not expected to affect Parcel 01-E. Groundwater samples have been collected from the nearest wells at the UST 999 site (Parcel 01-F), located approximately 50 feet upgradient or crossgradient from Parcel 01-E, as part of investigations at Mare Island. No contamination was detected in groundwater samples from these wells; therefore, nearby UST 999 has not affected Parcel 01-E. Based on these findings, it is recommended that Parcel 01-E be reclassified as ECP area type 1.

2.2 PARCEL 01-F

Parcel 01-F covers 3.63 acres. Five buildings (Buildings 995, 997, 999, 1013, and 1015) occupy approximately 40 percent of the total parcel (see Figure 2, Table 1); these buildings were used as

barracks. The remaining 60 percent of the parcel is open space consisting of landscaped areas and concrete walkways. Sanitary sewer, storm sewer, electrical, fresh water, and natural gas lines are located on the parcel.

A PA/SI at Mare Island identified two sites of potential concern at Parcel 01-F: SWMUs 093 and 106 (see Section 5.16). One fiberglass UST (UST 999) was formerly located on Parcel 01-F (see Section 5.13). A survey for backflow prevention and cross connection conducted in October 1994 indicated that Buildings 995, 997, 999, 1013, and 1015 are at some risk for contamination of drinking water (see Section 5.2). There are currently two active non-PCB-containing transformers (T-1850 and T-1851) located at Buildings 999 and 1013. Comprehensive asbestos surveys of Buildings 995, 997, 999, 1013, and 1015 have been completed, and any damaged and friable ACM has been remediated (see Section 5.8). There are no RI sites, ASTs, OWSs, G-RAM or NNPP sites, documented spills, HWAA, or ordnance issues on Parcel 01-F.

Parcel 01-F was previously classified as BRAC area type 7 (see Section 7.0) because of issues related to:

- Potential contamination from the UST located north of Building 999
- Incomplete information on groundwater quality

UST 999 was removed and closure actions are complete (see Section 5.13). Groundwater samples have been collected from wells adjacent to UST 999 as part of investigations at Mare Island. No contamination was detected in groundwater samples from these wells; therefore, UST 999, the only known potential source of groundwater contamination, has not affected Parcel 01-F. Because petroleum hydrocarbons (at concentrations above action levels) had been released at UST 999 and corrective action has been completed, it is recommended that Parcel 01-F be reclassified as ECP area type 2-4.

2.3 PARCEL 01-G

Parcel 01-G covers 5.68 acres. One building (Building 897) occupies approximately 25 percent of the total parcel (see Figure 2, Table 1); this building was used as the Navy exchange. The remaining 75 percent of the parcel is open space consisting of landscaped areas, asphalt roadways and parking lots, and concrete walkways; the parcel was also used as an open lumber storage yard

before 1970. Sanitary sewer, storm sewer, electrical, fresh water, and natural gas lines are located on the parcel.

A PA/SI at Mare Island identified three sites of potential concern at Parcel 01-G: SWMUs 093, 106, and 108 (see Section 5.16 regarding SWMUs 093 and 106). SWMU-108 was associated with areas of potential radium release at Building 897; DON with regulatory agency concurrence has released this site for unrestricted use (see Section 5.11). A survey for backflow prevention and cross connection conducted in October 1994 indicated that Building 897 is at some risk for contamination of drinking water (see Section 5.2). One active transformer (T-0073) and one active Rocker Arm (RAD-127) are located on the parcel (see Section 5.10). A comprehensive asbestos survey has been completed at Building 897, and any damaged and friable ACM has been remediated (see Section 5.8). There are no RI sites, USTs, ASTs, OWSs, NNPP sites, documented spills, HWAA, or ordnance issues at Parcel 01-G.

Parcel 01-G was previously classified as BRAC area type 7 (see Section 7.0) because of issues related to:

- Proximity to the UST at Building 999 (UST 999)
- Incomplete information on groundwater quality

UST 999 was removed and closure actions are complete (see Section 5.13). Groundwater samples have been collected from wells adjacent to UST 999, located approximately 150 feet upgradient from Parcel 01-G, as part of investigations at Mare Island. No contamination was detected in groundwater samples from these wells; therefore, UST 999, the only known potential source of groundwater contamination in the vicinity of Parcel 01-G, has not affected Parcel 01-G. Based on these results, it is recommended that Parcel 01-G be reclassified as ECP area type 1.

2.4 PARCEL 01-HA

Parcel 01-HA covers 2.22 acres. One hundred percent of the parcel is open space consisting of landscaped areas, asphalt roadways and parking lots, and concrete walkways, and was historically used to store lumber. Sanitary sewer, storm sewer, electrical, fresh water, and natural gas lines are or may be located on the parcel.

A PA/SI at Mare Island identified two sites of potential concern at Parcel 01-HA: SWMUs 093 and 106 (see Section 5.16). There are no RI sites, USTs, ASTs, OWSs, G-RAM or NNPP sites, documented spills, backflow devices, HWAA, oil-filled transformers or switches, ordnance, or asbestos issues on Parcel 01-HA.

Former Parcel 01-H was previously classified as BRAC area type 7 (see Section 7.0) because of the presence of the IR17 and Building 503 site (see Appendix B). Because (1) Parcel 01-HA represents a portion of former Parcel 01-H that does not contain a portion of the IR17 and Building 503 site and (2) Parcel 01-HA is upgradient from this site and associated contamination would not migrate toward Parcel 01-HA, it is recommended that Parcel 01-HA be reclassified as ECP area type 1.

2.5 PARCEL 01-J2A

Parcel 01-J2A covers 4.12 acres. The parcel is 100 percent asphalt and concrete pavement. Historically, this parcel has been used as a quarters cafe; the former building (Building 747) has been demolished. Sanitary sewer, storm sewer, electrical, fresh water, and natural gas lines are located on the parcel. Salt water lines on the parcel have been abandoned.

A PA/SI at Mare Island identified two sites of potential concern at Parcel 01-J2A: SWMUs 093 and 106 (see Section 5.16). There are no RI sites, USTs, ASTs, OWSs, G-RAM or NNPP sites, documented spills, backflow devices, HWAA, oil-filled transformers or switches, asbestos, or ordnance issues on Parcel 01-J2A.

Former Parcel 01-J2 was previously classified as BRAC area type 7 (see Section 7.0) because of the presence of the IR17 and Building 503 site (see Appendix B). Because (1) Parcel 01-J2A represents a portion of former Parcel 01-J2 that does not contain a portion of the IR17 and Building 503 site and (2) contamination from the IR17 and Building 503 site is not expected to affect Parcel 01-J2A in the future based on groundwater modeling (TtEMI and U&A in progress), Parcel 01-J2A is recommended for reclassification as ECP area type 1.

2.6 PARCEL 01-J3

Parcel 01-J3 covers 8.27 acres. Three buildings (Buildings 617, 621, and 777) occupy approximately 25 percent of the total parcel (see Figure 2, Table 1); these buildings were used as

the berthing and administration center for the explosive ordnance mobile unit, as barracks, and as an electrical station. Five buildings (Buildings 615, 619, 769, 771, and 773) were formerly located on Parcel 01-J3 and were used as commissary stores, quarters, and barracks. The remaining 75 percent of the parcel is open space consisting of asphalt roadways and parking lots and concrete walkways. Sanitary sewer, storm sewer, electrical, fresh water, and natural gas lines are located on the parcel. Salt water lines have been abandoned.

A PA/SI at Mare Island identified two sites of potential concern at Parcel 01-J3: SWMUs 093 and 106 (see Section 5.16). Two transformers (T-0698 and T-0699) have been removed from the parcel (see Section 5.10). In addition, there is one active non-PCB-containing transformer (T-1874) located at Building 777. There are two active transformers at Building 617. Comprehensive asbestos surveys of Buildings 617 and 621 have been completed, and any damaged and friable ACM has been remediated (see Section 5.8). There are no RI sites, USTs, ASTs, OWSs, G-RAM or NNPP sites, documented spills, backflow devices, HWAA, or ordnance issues on Parcel 01-J3.

Parcel 01-J3 was previously classified as BRAC area type 7 (see Section 7.0) because of issues related to:

- Incomplete information on groundwater quality
- Proximity to nearby contaminated Parcels 01-C (the IR17 and Building 503 site) and 01-D2 (IR08)

Contaminants detected in samples of soil, sediment, and groundwater collected from IR08 on adjacent Parcel 01-D2 (more than 200 feet southwest) and from the IR17 and Building 503 site on adjacent Parcel 01-C (more than 200 feet south) are not expected to affect Parcel 01-J3 (see Appendix B) (TtEMI 2000b; TtEMI and Uribe & Associates [U&A] in progress). Although contaminants are present at low levels at IR08, groundwater does not appear to flow toward Parcel 01-J3. Although groundwater is contaminated and is flowing toward Parcel 01-J3 at the IR17 and Building 503 site, groundwater contamination is not expected to reach Parcel 01-J3 at concentrations above screening criteria in less than 50 to 100 years, if at all. However, a feasibility study is currently under way to assess remedial alternatives for groundwater at Parcel 01-C, which would be implemented if necessary long before contaminants could reach Parcel 01-

J3. Based on these findings, it is recommended that Parcel 01-J3 be reclassified as ECP area type 1.

2.7 PARCEL 01-J4

Parcel 01-J4 comprises 12.74 acres. Seven buildings (Buildings 547, 653, 1017, 1019, 1021, 1023, and 1025) and two ball fields (AA16 and AA17) occupy approximately 5 percent of the parcel (see Figure 2 and Table 1). The buildings were used as a pumping station, pump house, dugouts, and latrines. Six buildings (Buildings 609, 611, 613, 623, 955, and 957) were formerly located on Parcel 01-J4 and were used as quarters and as a bus shelter. The remaining 95 percent of the parcel is open space consisting of asphalt roadways and parking lots and concrete walkways. Sanitary sewer, storm sewer, electrical, fresh water, and natural gas lines are located on the parcel. Salt water lines on the parcel have been abandoned. Domestic pump station (DOM)-1 is located at Building 653, and drain pump station (DPS)-15 is located at Building 547.

A PA/SI at Mare Island identified two sites of potential concern at Parcel 01-J4: SWMUs 093 and 106 (see Section 5.16). DOM-1, a PA/SI site investigated as part of the Group II/III Accelerated Study, is located on Parcel 01-J4 (see Section 5.16). Six transformers (T-0922 through T-0924 and T0773 through T-0775) were removed, and 10 active transformers (T-0919 through T0921, T-1627, T-1070 through T1072, and T-1080 through T1082) are located on Parcel 01-J4 (see Section 5.10). Comprehensive asbestos surveys of Buildings 653, 1017, 1019, 1021, 1023, and 1025 have been completed, and any damaged and friable ACM has been remediated (see Section 5.8). A reddish-colored sediment was observed within Parcel 01-J4 at the northern end of Acacia Avenue. On further investigation, DON has concluded that no action is necessary to address this material because it was geochemical in origin (Naval Facilities Engineering Command Southwest Division 2000). There are no USTs, ASTs, OWSs, G-RAM or NNPP sites, documented spills, backflow devices, HWAA, or ordnance issues on Parcel 01-J4.

Parcel 01-J4 was previously classified as BRAC area type 7 (see Section 7.0) because of issues related to:

- Potential presence of landfill
- Incomplete information on groundwater quality
- Proximity to nearby IR site (IR08)

Subsequent investigative results for soil, sediment, and groundwater samples presented in the RI for Investigation Area H1 (Mare Island landfill) indicated that conditions are protective of human health and the environment under current and projected future uses at IR01 (TtEMI and Levine-Fricke Recon 1999). Contaminants in samples of soil, sediment, and groundwater collected at IR08, the former battery storage area, are approximately 680 feet from Parcel 01-J4 and groundwater is not flowing toward Parcel 01-J4; therefore, contamination from IR08 is not expected to affect the parcel (see Appendix B) (TtEMI 2000b). No other potential sources of groundwater contamination have been identified. Based on these findings, it is recommended that Parcel 01-J4 be reclassified as ECP area type 1.

2.8 PARCEL 01-K

Parcel 01-K covers 9.71 acres. Three buildings (Buildings 571, 577, and TK04) occupy approximately 55 percent of the total parcel (see Figure 2, Table 1); these buildings were used for storage and a shop, an electrical substation, and pickling tanks. The remaining 45 percent of the parcel is open space consisting of asphalt parking lots and roadways and concrete walkways. Sanitary sewer, storm sewer, compressed air, electrical, fresh water, and steam lines are located on the parcel; natural gas and salt water lines on the parcel have been abandoned.

A PA/SI at Mare Island identified two sites of potential concern at Parcel 01-K: SWMUs 093 and 106 (see Section 5.16). One removed UST (UST 577S), two inactive ASTs (AST 571-02 and AST T-4), and one inactive OWS are located on the parcel (see Sections 5.13, 5.14, and 5.15). G-RAM issues were a concern at Building 571, but have been cleared by DON (see Section 5.11). A spill occurred in June 1989 that released an unknown quantity of oil onto the soil at Building 571 (see Section 5.5). A survey for backflow prevention and cross connection conducted in October 1994 indicated that Building 571 on Parcel 01-K is at some risk for contamination of drinking water (see Section 5.2). Two HWAA sites (1082-1 and 1082-2) are located on Parcel 01-K (see Section 5.4). Ten PCB-containing transformers (four were leaking) (T-1646, T-0900 through T-0902, T-0730, T-0107, T-1021, and T-0892 through T-0894) were removed from Parcel 01-K (see Section 5.10). There are six active transformers (T-1912, T-1913, T-1914, T-1959, T-1972, and T-1972) and one active Rocker Arm (RA-125) located at Buildings 571 and 577; each contains fluid with less than 1 ppm PCBs, if any). A PCB-oil containing fluid was released at an electrical

substation and corrective action was taken; PCBs at concentrations above 1 ppm remain in concrete at Parcel 01-K, under conditions considered protective of human health and the environment (see Section 5.10). Comprehensive asbestos surveys of Buildings 571 and 577 have been completed, and any damaged and friable ACM has been remediated (see Section 5.8). The soil at Building 571 on Parcel 01-K was sampled as part of a LBP investigation of nonresidential buildings. Lead was found in soil above screening levels at Parcel 01-K; however, the California Environmental Protection Agency's Department of Toxic Substances Control (DTSC) has agreed that the concentrations of lead do not pose a risk to human health or the environment (DTSC 1999). There are no RI or NNPP sites or ordnance issues on Parcel 01-K.

Parcel 01-K was previously classified as BRAC area type 7 (see Section 7.0) because of issues related to:

- Storage of G-RAM in Building 571
- Unknown UST actions
- Incomplete information on groundwater quality

Radiological issues at Building 571 have been resolved (see Section 5.11). UST 577S was removed and closure actions are complete (see Section 5.13). Groundwater samples have been collected from the nearest wells at the UST 999 site, located approximately 150 feet upgradient from Parcel 01-K, as part of investigations at Mare Island. No contamination was detected in groundwater samples from these wells; therefore, nearby UST 999 has not affected Parcel 01-K. Because lead was detected in soil samplings collected from the parcel, it is recommended that Parcel 01-K be reclassified as ECP area type 3.

2.9 PARCEL 01-L1A

Parcel 01-L1A covers 0.93 acres. Building 857 occupies less than 5 percent of the total parcel (see Figure 2, Table 1); this building was used as a sewage pump station. The remaining 95 percent of the parcel is open space consisting of asphalt parking lots and roadways and concrete walkways. Sanitary sewer, storm sewer, and compressed air lines are located on the parcel; natural gas and salt water lines on the parcel have been abandoned. DOM-2 is located at Building 857. A cross connection exists between the sanitary and storm sewer systems located north of H Street, near

Building 857 on Parcel 01-L1A. The cross connection exists for emergencies and is controlled by valving that is secured in the closed position.

A PA/SI at Mare Island identified two sites of potential concern at Parcel 01-L1A: SWMUs 093 and 106 (see Section 5.16). One active Rocker Arm (RA-129) is located on the parcel (see Section 5.10). A comprehensive asbestos survey of Building 857 has been completed, and any damaged and friable ACM has been remediated (see Section 5.8). There are no USTs, ASTs, OWSs, G-RAM or NNPP sites, oil-filled transformers or switches, documented spills, backflow devices, HWAA, or ordnance issues on Parcel 01-L1A.

Former 01-L1 was previously classified as BRAC area type 7 (see Section 7.0) because of the presence of the IR17 and Building 503 site (see Appendix B). Because Parcel 01-L1A does not include a portion of the IR17 and Building 503 site, it is recommended that Parcel 01-L1A be reclassified as ECP area type 1.

2.10 PARCEL 01-L2A

Parcel 01-L2A covers 0.26 acres. One hundred percent of the parcel is open space consisting of landscaped areas, asphalt parking lots, and concrete walkways. Sanitary sewer and storm sewer lines are located on the parcel; natural gas and salt water lines on the parcel have been abandoned.

A PA/SI at Mare Island identified two sites of potential concern at Parcel 01-L2A: SWMUs 093 and 106 (see Section 5.16). There are no RI sites, USTs, ASTs, OWSs, G-RAM or NNPP sites, documented spills, backflow devices, HHAA, oil-filled transformers or switches, asbestos, or ordnance issues on Parcel 01-L2A.

Parcel 01-L2 was previously classified as BRAC area type 7 (see Section 7.0) because of the presence of the IR17 and Building 503 site (see Appendix B). Because (1) Parcel 01-L2A does not include a portion of the IR17 and Building 503 site and does not involve UST issues, and (2) contamination from adjacent sites is not expected to migrate onto Parcel 01-L2A, it is recommended that Parcel 01-L2A be reclassified as ECP area type 1.

2.11 PARCEL 01-L3A

Parcel 01-L3A covers 6.22 acres. The entire parcel is open space consisting of landscaped areas, asphalt parking lots and roadways, and concrete walkways. One building (Building 753) was formerly located on Parcel 01-L3A and was used as a theater. Sanitary sewer and storm sewer lines are located on the parcel; natural gas and salt water lines on the parcel have been abandoned.

A PA/SI at Mare Island identified two sites of potential concern at Parcel 01-L3A: SWMUs 093 and 106 (see Section 5.16). There are no RI sites, USTs, ASTs, OWSs, G-RAM or NNPP sites, documented spills, backflow devices, HWAA, oil-filled transformers or switches, asbestos, or ordnance issues on Parcel 01-L3A.

Parcel 01-L3 was previously classified as BRAC area type 7 (see Section 7.0) because of issues related to:

- Concern for proximity to the IR17 and Building 503 site
- Incomplete information on groundwater quality

The IR17 and Building 503 site (see Appendix B) on Parcels 01-J1 and 01-L2B, the former paint manufacturing facility, is located more than 200 feet upgradient from Parcel 01-L3A. Based on the distribution of groundwater contaminants and flow patterns, contamination at the IR17 and Building 503 site is not expected to affect the parcel. In addition, groundwater samples have been collected from the UST 993 site on Parcel 01-L2B, located 120 feet upgradient from Parcel 01-L3A. No contamination was detected in groundwater samples from UST 993 wells. Because it is not likely that contamination from adjacent parcels will affect Parcel 01-L3A in the future, it is recommended that Parcel 01-L3A be reclassified as ECP area type 1.

2.12 PARCEL 01-M

Parcel 01-M occupies 6.29 acres. Four buildings (Buildings 673, 755, 959, 959A) and two structures (AA7 and AA8) occupy approximately 25 percent of the total parcel (see Figure 2, Table 1); these buildings were used as a warehouse, training facility, and sentry houses; the structures were used as a basketball court and tennis courts. One building (Building AA12) was formerly located on Parcel 01-M and was used in conjunction with the tennis courts. The remaining 75

percent of the parcel consists of asphalt parking lots and roadways. Sanitary sewer, storm sewer, natural gas, and salt water lines are located on the parcel.

A PA/SI at Mare Island identified two sites of potential concern at Parcel 01-M: SWMUs 093 and 106 (see Section 5.16). G-RAM issues were a concern at Building 755, but have been cleared by DON (see Section 5.11). A survey for backflow prevention and cross connection conducted in October 1994 indicated that Building 755 on Parcel 01-M is at some risk for contamination of drinking water (see Section 5.2). One leaking transformer (T-1093) was removed from Parcel 01-M (see Section 5.10). Comprehensive asbestos surveys at Buildings 673, 755, 959, and 959A have been completed, and any damaged, friable, and accessible ACM has been abated (see Section 5.8). There are no RI sites, USTs, ASTs, OWSs, NNPP sites, documented spills, HWAA, or ordnance issues on Parcel 01-M.

Parcel 01-M was previously classified as BRAC area type 7 (see Section 7.0) because of issues related to:

- Storage of G-RAM in Building 755
- Incomplete information on groundwater quality

As indicated above, G-RAM issues have been resolved (see Section 5.11). Groundwater samples have been collected from the nearest wells, located approximately 750 feet upgradient from Parcel 01-M at the UST 993 site and the IR17 and Building 503 site. Based on the distribution of groundwater contaminants and groundwater flow patterns, contaminants detected in groundwater samples collected at these sites are not expected to migrate to Parcel 01-M. Based on these findings, it is recommended that Parcel 01-M be reclassified as ECP area type 1.

2.13 PARCEL 01-O

Parcel 01-O occupies 22.91 acres. Three buildings (Buildings 655, 805, and 1325) and two structures (a picnic ground [AA11] and a ball field [M156]) occupy approximately 35 percent of the total parcel area (see Figure 2, Table 1); the buildings were used for storage, as an administration trailer, a transformer station, and as restrooms. One building (Building 721) was formerly located on Parcel 01-O and was used as an anti-aircraft training center. The remaining 65 percent of the parcel is open space consisting of asphalt parking lots and roadways. Sanitary

sewer, compressed air, electrical, fresh water, natural gas, and salt water lines are located on the parcel.

A PA/SI at Mare Island identified three sites of potential concern at Parcel 01-O: SWMUs 093, 106, and 124 (see Section 5.16 regarding SWMUs 093 and 106). SWMU 124 was associated with areas of potential radium release; DON with regulatory agency concurrence has released this site for unrestricted use (see Section 5.11). One suspect fuel oil UST (UST 655) was not located at Building 655 on Parcel 01-O (see Section 5.13). Although petroleum hydrocarbons have been detected above screening criteria in soil near the suspected location of UST 655, the site is considered a low-risk site under RWQCB guidance and DON is seeking concurrence from the RWQCB that the site be closed with no further action (TtEMI 2000c). G-RAM issues were a concern at Building 655, but DON has cleared the parcel (see Section 5.11). Two spills occurred in May 1992 and April 1995 that released 1 and 2 gallons of oil and transmission fluid onto the soil at Building 655 (see Section 5.5). A survey for backflow prevention and cross connection conducted in October 1994 indicated that Building 655 is at some risk for contamination of drinking water (see Section 5.2). Three leaking transformers (T-0437, T-0438 and T-0439) were removed from the parcel (see Section 5.10). Comprehensive asbestos surveys of Buildings 655, 805, and 1325 have been completed, and any damaged and friable ACM has been remediated (see Section 5.8). There are no ASTs, OWSs, NNPP sites, HWAA, or ordnance issues at Parcel 01-O.

Parcel 01-O was previously classified as BRAC area type 7 (see Section 7.0) because of issues related to:

- Storage of G-RAM in Building 655
- Potential contamination from unlocated USTs
- Potential contamination from spill at Building 1325
- Incomplete information on groundwater quality

As stated above, G-RAM issues have been resolved (see Section 5.11). Petroleum hydrocarbon contamination was found at the location of suspect UST 655; based on concentrations in soil samples, the UST 655 site will be closed pending regulatory agency concurrence with no further action (see Section 5.13). Inspectors did not locate any hazardous materials on Parcel 01-O as part of the building closure inspection process, which included Building 1325 (see Section 5.5).

Groundwater samples have been collected from the nearest wells, located approximately 220 feet upgradient from Parcel 01-O at the UST 993 site. Based on the distribution of contaminants in groundwater and groundwater flow patterns, contaminants detected in groundwater at this site are not expected to migrate to Parcel 01-O. Based on these findings, it is recommended that Parcel 01-O be reclassified as ECP area type 2-3 because petroleum hydrocarbons were detected above screening criteria in soil near the UST, although no remedial action is warranted because it is a low-risk site (based on RWQCB guidance and on an industrial reuse scenario to protect human health and the environment).

2.14 PARCEL 01-P

Parcel 01-P covers 3.19 acres. One building (Building 989) occupies approximately 10 percent of the total parcel (see Figure 2, Table 1); this building was historically used as a computer building. One building (Building 763) was formerly located on Parcel 01-P and was used for storage. The remaining 90 percent of the parcel is open space consisting of asphalt parking and roadways and concrete walkways. Sanitary sewer, electrical, fresh water, natural gas, and salt water lines are located on the parcel.

A PA/SI at Mare Island identified one site of potential concern at Parcel 01-P: SWMU 106 (see Section 5.16). A survey for backflow prevention and cross connection conducted in October 1994 indicated that Building 989 on Parcel 01-P is at some risk for contamination of drinking water (see Section 5.2). One transformer (T-0862) has been removed from the parcel (see Section 5.10). Comprehensive asbestos surveys of Building 989 have been completed, and any damaged and friable ACM has been remediated (see Section 5.8). There are no RI sites, USTs, ASTs, OWSs, G-RAM or NNPP sites, documented spills, HWAA, or ordnance issues on Parcel 01-P.

Parcel 01-P was previously classified as BRAC area type 7 (see Section 7.0) because of issues related to:

- Hazardous material stored at Building 989
- Incomplete information on groundwater quality

During the building closure inspection, investigators found no hazardous materials stored at Building 989 (see Section 5.5). Groundwater samples have been collected from the nearest wells,

located approximately 1,300 feet upgradient from Parcel 01-P, at the UST 993 site and the IR17 and Building 503 site. Based on the distance, distribution of contaminants in groundwater, and groundwater flow patterns, contaminants detected in groundwater at these sites are not expected to migrate to Parcel 01-P. Based on these findings, it is recommended that Parcel 01-P be reclassified as ECP area type 1.

2.15 PARCEL 01-Q1

Parcel 01-Q1 covers 2.79 acres. Two buildings (Building 791 and 793) occupy approximately 30 percent of the total parcel (see Figure 2, Table 1); these buildings were historically used as offices and training facilities. The remaining 70 percent of the parcel is open space consisting of asphalt parking lots and roadways and concrete walkways. Sanitary sewer, storm sewer, electrical, fresh water, natural gas, and salt water lines are located on the parcel.

A PA/SI at Mare Island identified two sites of potential concern at Parcel 01-Q1: SWMUs 093 and 106 (see Section 5.16). G-RAM issues were a concern at Buildings 791 and 793, but have been cleared by DON (see Section 5.11). A spill occurred in March 1994 that released 0.5 gallons of oil onto a trailer unit (see Section 5.5). An HWAA (38-5) was located on Parcel 01-Q1 (see Section 5.4). Nine active transformers (T-1172 through T-1174, T-0127 through T-0129, and T-1721 through T-1723) are located on the parcel (see Section 5.10). Comprehensive asbestos surveys of Buildings 791 and 793 have been completed, and any damaged and friable ACM has been remediated (see Section 5.8). There are no RI sites, USTs, ASTs, OWSs, NNPP sites, backflow devices, or ordnance issues on Parcel 01-Q1.

Parcel 01-Q1 was previously classified as BRAC area type 7 (see Section 7.0) because of issues related to:

- Potential contamination from spills
- G-RAM in Buildings 791 and 793
- Incomplete information on groundwater quality

As discussed above, G-RAM issues have been resolved (see Section 5.11). Inspectors did not locate any hazardous materials on Parcel 01-Q1 as part of the building closure inspection process (see Section 5.5), or evidence of a past spill. Groundwater samples have been collected from the

nearest wells, located approximately 1,663 feet upgradient from Parcel 01-Q1, at the UST 999 site. Based on the distribution of contaminants in groundwater and on flow patterns, contaminants detected in groundwater at this site are not expected to migrate to Parcel 01-Q1. Based on these findings, it is recommended that Parcel 01-Q1 be reclassified as ECP area type 1.

3.0 COORDINATION WITH REGULATORY AGENCIES

Representatives of the U.S. Environmental Protection Agency (EPA), DTSC, and the Regional Water Quality Control Board, San Francisco Bay Region (RWQCB) have been involved in a consultative role with DON throughout preparation of the basewide EBS and FOST for the 15 parcels in Parcel XV-A. As documented in the responsiveness summary (see Appendix I), no comments on the draft FOST were received from the regulatory agencies.

4.0 COMPLIANCE WITH NATIONAL ENVIRONMENTAL POLICY ACT

An environmental impact statement/environmental impact report (EIS/EIR) was prepared for the Navy's transfer and community reuse of the properties at Mare Island in accordance with the requirements of the National Environmental Policy Act (NEPA), the California Environmental Quality Act (CEQA), and the Navy's environmental and natural resources program manual (OPNAVINST 5090.1B) (MINS/City of Vallejo 1998). The proposed transfer addressed by this FOST is consistent with the community reuse plan prepared by the local redevelopment agency and approved by the City of Vallejo (City of Vallejo 1994). The EIS presents an analysis of the potential significant environmental impacts of DON's transfer and community reuse in compliance with the signed NEPA Record of Decision (DON 1998).

5.0 SUMMARY OF ENVIRONMENTAL FINDINGS

Documents were evaluated to identify environmental factors and resources that might require specific restrictions on the transfer of each parcel to preclude a threat to human health or the environment, or that may require notification to the transferee. A listing of environmental factors and resources considered in the property assessment is provided in Table 3. Conditions that require restriction or notification are discussed below and are summarized in Section 9.0.

5.1 ENVIRONMENTAL FACTORS AND RESOURCES

Environmental factors and resources that pose no environmental concern and would not preclude or restrict real property transactions are: historic structures, archeological resources, air discharges to the atmosphere, wetlands and sensitive habitats, flood plains, groundwater, and threatened or endangered species.

5.1.1 Historic Structures

No structures in Parcel XV-A are located within the boundaries of the historic districts currently identified at Mare Island and none are among the 38 structures and facilities currently included on the National Register of Historic Places.

5.1.2 Archeological Resources

No areas of known or suspected archeological sensitivity are located in Parcel XV-A.

5.1.3 Air Discharges to the Atmosphere

There are no potential sources of air pollution in Parcel XV-A.

5.1.4 Wetlands and Sensitive Habitats

No wetlands or sensitive habitats have been identified in Parcel XV-A. There are no viable habitats in the industrial area of Parcel XV-A.

5.1.5 Flood Plains

Buildings 547, 617, 621, 653, 777, 1017, 1019, 1021, 1023, 1025, AA16, and AA17 on Parcels 01-J3 and 01-J4 are within the mapped 100-year storm (flood plain) National Geodetic Vertical Datum, as shown on the Community Panel Number 060374 005 C map.

5.1.6 Groundwater

Mare Island is within the Napa Valley Groundwater Basin, which drains southward toward San Pablo Bay. Groundwater elevations in the Napa Basin near Mare Island are at or near sea level.

Groundwater is encountered in the low-lying parts of Mare Island at depths ranging from 2.5 feet to 10 feet below ground surface. Mare Island groundwater has no beneficial uses. Therefore, groundwater is not used for any purpose. Preliminary assessments and site characterizations on PA/SI or RI sites included groundwater sampling. Based on the results of these investigations, there is no risk to human or ecological receptors.

5.1.7 Threatened and Endangered Species

No threatened or endangered species or sensitive habitats have been identified within the 15 parcels of Parcel XV-A being considered for transfer. There are no viable habitats in the industrial area of Parcel XV-A (TtEMI 1999b).

5.2 UTILITIES

The sanitary sewer system consists of a series of 8-inch mains connected to the Vallejo Sanitation and Flood Control District (VSFCD) system (see Figure 3). Sewage wastes from buildings in Parcel XV-A are directed to the domestic wastewater system. DOM-1 and DOM-2 are located at Buildings 653 and 857 on Parcels 01-J4 and 01-L1A within Parcel XV-A. Abandoned sanitary sewer lines of various sizes are present throughout Parcel XV-A. No known human health or ecological issues are associated with DOM-1 and DOM-2 on Parcels 01-J4 and 01-L1A (TtEMI and U&A in progress).

A storm sewer system is located throughout Mare Island (see Figure 3). The northwestern portion of Parcel XV-A lies within a 100-year flood plain (see Section 5.1.5) and therefore experiences

periods of extensive ponding and drainage. During these periods, DPS-15 (Building 547 on Parcel 01-J4) pumps storm water to Mare Island Strait through storm water termination site (STS)-1.

Electric power is distributed to Mare Island from Substation H by a series of loops that connect a network of switch stations and substations throughout the island. Parcel XV-A contains an electrical substation (Station N) located within a fenced area designated as Building 777 (on Parcel 01-J3). No known human health issues are associated with electric power in Parcel XV-A.

Potable water is supplied by the City of Vallejo to Parcel XV-A via a series of pipelines for various uses such as drinking water, fire suppression, and various industrial and domestic processes. A survey for backflow protection and cross connection conducted in October 1994 indicated that Buildings 571, 655, 755, 897, 989, 991, 995, 997, 999, 1013, and 1015 on Parcels 01-E, 01-F, 01-G, 01-K, 01-M, 01-O, and 01-P are at some risk for contamination of drinking water (MINS 1994c). These buildings are scheduled to be demolished. No known human health or ecological issues are associated with potable water in Parcel XV-A.

Utilities do not pose an environmental concern and would not preclude or restrict the real property transaction of the 15 parcels included in this FOST.

5.3 PERMITS

Permits or certifications for future reuse of these parcels may be required from federal, state, and local regulatory agencies.

Notification (a): Permits or certifications may be required and should be obtained from the appropriate federal, state, and local regulatory agencies.

Restriction (a): For this transfer, no restrictions will be imposed with respect to permits at Parcel XV-A.

5.4 HAZARDOUS WASTE MANAGEMENT

Three 90-day storage HWAA were located in Parcel XV-A on Parcels 01-K and 01-Q1. Appendices A and C provide detailed information on HWAA's at Parcel XV-A by parcel and building. HWAA Nos. 1082-1 and 1082-2 on Parcel 01-K, and 38-5 on Parcel 01-Q1 were

sampled; no remediation was required. No contamination concerns remain for these closed sites (MINS 1996).

Final closure of these three sites was accomplished in 1994 and 1995, as described in the 90-Day Hazardous Waste Accumulation Areas Closure Plan” (MINS 1994a). The closure process was documented for each site and consisted of a review of available documents, visual site inspections, sampling, and cleanup of hazardous residues, as necessary (MINS 1996).

Hazardous wastes either stored or spilled do not pose an environmental concern and would not preclude or restrict the transfer of the 15 parcels included in this FOST.

5.5 HAZARDOUS MATERIALS MANAGEMENT

Hazardous materials storage areas were cleaned as part of the building and parcel closure process. The building and parcel closure process required that all environmental concerns related to hazardous materials storage areas be resolved or recorded for future action before closure. Appendix D identifies and describes locations in Parcel XV-A that were used for storage areas and lists quantities of the materials stored. Appendix A also includes information from the summary of the 1994 hazardous material storage inventory.

A few hazardous materials spills or releases have occurred on three parcels (Parcels 01-K, 01-O and 01-Q1) within Parcel XV-A. In all but one case, up to 2 gallons of either oil or transmission fluid were spilled. An unknown quantity of oil was spilled on soil at Building 571. Types and locations of recorded spills are described in Appendices A and E. When spills occurred, they were cleaned up by the Mare Island emergency response spill team, a group specifically trained and dedicated to handle potential releases of contaminants to the environment. Spills were controlled and remediated in accordance with the Mare Island Spill Prevention Control and Countermeasure Plan (M.B. Gilbert Associates 1991) and the Mare Island Oil and Hazardous Substance Spill Contingency Plan.

Hazardous materials either stored or spilled do not pose an environmental concern and would not preclude or restrict the transfer of the 15 parcels included in this FOST.

Until 1978, use of LBP was common throughout the United States, including at military installations. LBP was significantly widespread prior to 1960, and more common still prior to 1950. LBP hazards are defined in the Federal Residential LBP Hazard Reduction Act of 1992 (Title X of P.L. 102-550), as codified in 42 United States Code (USC) Section 4822 (Act) as any condition that causes exposure to lead that would result in adverse health effects. Lead exposure is especially harmful to young children and pregnant women. The act provides for regulation of the abatement of lead hazards from LBP, lead-contaminated dust, and lead-contaminated soil for residential structures only. The act refers to residential structures constructed before 1978 as target housing. The seller must disclose known LBP or LBP hazards in or on residential housing built before 1978, in accordance with 40 Code of Federal Regulations (CFR) Part 745 and Housing and Urban Development (HUD) regulations at 24 CFR Part 35.

EPA has concluded that the release of lead to soils from LBP from both residential and nonresidential structures falls within the Comprehensive Environmental Response, Compensation, and Liability Act (CERCLA) definition of a hazardous release. To date, however, EPA has not developed generally applicable standards for either the evaluation or abatement of lead in soils from LBP in nonresidential areas. As a matter of law and national policy, efforts to limit exposure to lead from LBP have been primarily focused on residential areas where, because of the presence and exposure patterns of children under 6 years of age, there may be a risk of adverse health effects.

There is no residential real property or other child occupied facilities (for examples, day care centers, preschools, and kindergarten classrooms visited regularly by children under 6 years of age) located on Parcel XV-A. There are nonresidential structures located within Parcel XV-A that were constructed prior to 1978, when LBP was commonly used throughout the United States, including at military installations. The age of these structures suggests that LBP is likely to be present on some of these nonresidential structures. Therefore, through the action of normal weathering and maintenance (such as scraping and repainting), lead from LBP may be in soil that surrounds these structures.

As of April 2000, EPA and DoD have agreed that DoD would collect samples around certain nonresidential metallic structures (water towers, communication towers, and bridges) where

records or other evidence show that specific, aggressive, concerted efforts were undertaken to repaint these structures before they were repainted. No such structures were identified at Parcel XV-A.

EPA has collected soil samples for analyses of lead from LBP at other nonresidential properties on Parcel XV-A (Roy F. Weston, Inc. 1999).

DTSC reviewed the results and found that lead concentrations in soil at Parcel XV-A do not pose a risk to human health or the environment (DTSC 1999b). Based on these data, lead contamination on the parcels, which are designated for nonresidential use, is not expected to present a risk to human health or the environment after the buildings have been demolished and the parcels regraded.

Notification (b): Because of the age of the structures on Parcel XV-A, LBP may be present on the structures or in surrounding soil.

Restrictions (b): For this transfer, no restrictions will be imposed with respect to LBP in nonresidential buildings at Mare Island.

5.7 RADON

DoD policy requires disclosure of radon assessment data. Parcel XV-A was surveyed for radon between March 3, 1989 and March 6, 1990, under the Navy Radon Assessment and Mitigation Program (Naval Facilities Engineering Command, Engineering Field Command West [EFA WEST] 1994). Detectors were placed in Buildings 571, 617, 621, 655, T655, 755, 897, 959, 989, 991, 995, 997, 999, 1013, and 1015 on Parcels 01-E, 01-F, 01-G, 01-J3, 01-K, 01-M, 01-O, and 01-P. The sampling results indicate that concentrations of radon were below the EPA action level of 4 picoCuries per liter. Monitoring results are found in Appendix A.

Radon does not pose an environmental concern and would not preclude or restrict the real property transaction of the 15 parcels included in this FOST.

5.8

ASBESTOS

ACM is presumed present in buildings located on 11 of the 15 parcels in Parcel XV-A. Comprehensive surveys of Buildings 571, 577, 617, 621, 653, 655, 673, 755, 791, 793, 805, 857, 897, 959, 959A, 989, 991, 995, 997, 999, 1013, 1015, 1017, 1019, 1021, 1023, 1025, and 1325 (located on Parcels 01-E, 01-F, 01-G, 01-J3, 01-J4, 01-K, 01-L1A, 01-M, 01-O, 01-P, and 01-Q1) have been completed, and any damaged and friable ACM has been remediated. Structures at the remaining parcels in Parcel XV-A are not expected to contain asbestos. ACM does not currently pose an unacceptable risk to human health or to the environment at the 15 parcels included in this FOST. Where available, building-specific ACM information is provided in Appendix A.

ACM is presumed present in the thermal insulation for the steam-heating system throughout EDC Parcel XV. The majority of the steam-heating system is located underground, which effectively prevents personnel exposure. Portions of the steam-heating system that are aboveground were surveyed as part of the parcel closure process.

Notifications (c): Based on the results of surveys, ACM may be present within structures or other facilities on Parcel XV-A.

Restrictions (c): For this transfer, no restrictions will be imposed with respect to ACM at Parcel XV-A.

5.9

PESTICIDES

There is no evidence to suggest that pesticides were used at Mare Island other than for ordinary and routine application in a manner consistent with the standards for licensed application. Pesticides, insecticides, termiticides, and rodenticides were applied intermittently on an as-needed basis at Mare Island. Pesticides at levels that exceed EPA's residential preliminary remediation goals for soil were not detected in this area. No intensive-use locations for pesticides have been identified at Parcel XV-A.

Pesticides do not pose an environmental concern and would not preclude or restrict the real property transaction of the 15 parcels included in this FOST.

A summary of data on PCBs in electrical equipment within Parcel XV-A is included in Appendix

F. That listing is summarized as follows:

- No transformers in Parcel XV-A are currently included in the DON's PCB program, which includes active electrical transformers that contain more than 50 parts per million (ppm) PCBs in accordance with Toxic Substances Control Act requirements. No other known electrical equipment (capacitors, circuit breakers, or rocker arms) exists in Parcel XV-A that contains PCB at levels at or exceeding 50 ppm.
- California considers PCB fluids as hazardous waste at a concentration equal to or above 5 ppm (22 California Code of Regulations [CCR] Section 66261.24[a][2][B]). There are no transformers containing oil with more than 5 ppm PCBs.
- The following list presents buildings and parcels where active equipment (with less than 5 ppm PCBs) are present:
 - One transformer and one Rocker Arm at Building 897 in Parcel 01-G
 - One transformer at Building 777 in Parcel 01-J3
 - Four transformers at Building 547 in Parcel 01-J4
 - Three transformers at Building 653 in Parcel 01-J4
 - Three transformers at Building 1021 in Parcel 01-J4
 - One Rocker Arm at Building 577 in Parcel 01-K
 - One Rocker Arm at Building 857 in Parcel 01-L1A
 - Six transformers at Building 791 in Parcel 01-Q1
 - Three transformers at Building 793 in Parcel 01-Q1
- Twenty-eight transformers have been removed from Parcel XV-A. PCB levels in the removed transformers ranged from 0 to 500 ppm. Of these transformers, 23 contained PCBs at levels greater than 5 ppm. Of those 23 transformers, three were recorded as leaking.

The three transformers (with more than 5 ppm PCB fluids) that were reported as leaking were removed. These transformers were removed from Parcels 01-K.

PCB inspections were conducted at locations where PCBs may have been released in the past (for example, locations of former or existing transformers or switches) within Parcel XV-A. The results of these inspections are summarized below (TtEMI 2000a):

- Potential locations of PCB releases at the following buildings, facilities, and parcels were inspected, and inspection results indicated no need for PCB sampling: Buildings 955, 957, 959, 991, 995, 997, 1015, 1019, 1023, 1025, 1325, AA7, AA8, and M156 on Parcels 01-E, 01-F, 01-J4, 01-M, and 01-O.
- Potential PCB release locations at the following buildings and parcels were sampled and the results indicated that no corrective action was required: Buildings 547, 571, 577, 617, 621, 653, 655, 673, 755, 777, 791, 805, 857, 897, 989, 991, 1013, 1017, and 1021 on Parcels 01-E, 01-F, 01-G, 01-J3, 01-J4, 01-K, 01-M, 01-O, 01-P, and 01-Q1.

Based on results of sampling, PCB concentrations exceeding 1 ppm were detected in concrete samples at two transformer locations at Parcel 01-K, one at Building 571 and one at Building 577 (TtEMI 2000a). At the Building 571 location, because the PCBs were detected in a concrete sample (at 620 ppm) below an existing active transformer, the completed corrective action was encapsulation in place. At the Building 577 location, the corrective action included the removal of a 1 inch thickness of concrete; confirmation sampling indicated that PCB concentrations up to 2 ppm remains in the concrete at the site.

DTSC, RWQCB and EPA have concurred with DON that PCB release issues at Parcel XV-A have been addressed and no further action is needed (DTSC 1999a, EPA 1999). PCBs do not pose an unacceptable risk to human health or the environment at the 15 parcels included in this FOST and would not preclude or restrict the real property transaction of these parcels.

Notifications (d): Transferee is notified that PCBs related to past electrical transformer releases are present in concrete at Parcel XV-A.

Restrictions (d): For this transfer, no restrictions will be imposed with respect to PCBs at Parcel XV-A.

5.11 RADIOACTIVE MATERIAL

DON conducted radiological surveys and sampling in accordance with basewide decommissioning survey plans (MINS 1994b; NNPP 1996a, 1996b; SSPORTS 1995, 1996). Surveys and sampling

were conducted at areas within the Parcel XV-A transfer area where radioactivity above background was potentially present. Several buildings within Parcel XV-A (Parcels 01-G, 01-K, 01-M, 01-O, and 01-Q1) involved G-RAM issues; there were no NNPP issues. DON has released the 15 parcels in Parcel XV-A for unrestricted use, and the G-RAM and NNPP reports have been approved by the regulatory agencies (DTSC 1997, EPA 1996).

Appendix A identifies buildings and areas where radiological surveys were completed in Parcel XV-A. Required surveys are detailed in the Radiological Survey Plans for the Decommissioning of Mare Island Naval Shipyard (MINS 1994b) and in technical work documents. Appendix A updates the list provided in the basewide EBS.

Radioactive material does not pose an environmental concern and would not preclude or restrict the real property transaction of the 15 parcels included in this FOST.

5.12 ORDNANCE

No explosive ordnance has been manufactured in Parcel XV-A. Areas at Mare Island adjacent to Parcel XV-A on Parcel 01-Q2 are known or suspected to contain unexploded ordnance. Explosive safety considerations must be enforced during any ordnance removal operation on adjacent properties to restrict personnel access within a circular safety zone, typically 1,250 feet around each operation.

Ordnance issues do not pose an environmental concern and would not preclude or restrict the real property transaction of the 15 parcels included in this FOST.

5.13 UNDERGROUND STORAGE TANKS

A total of three USTs were investigated on Parcels 01-F (UST 999), 01-K (UST 577S), and 01-O (UST 655) at Parcel XV-A (see Figure 4) (PRC 1994, SSPORTS 1999a, TtEMI 2000c). UST 999, a 6,000-gallon fiberglass tank that formerly stored heating oil, was removed from Building 999 on Parcel 01-F in July 1990; UST 999 was closed with regulatory concurrence in December 1995 (DTSC 2000b, RWQCB 1995). UST 577S, a 2,000-gallon steel tank formerly used to store oily water and waste oil, was removed from the southwest corner of Building 577 on Parcel 01-K in August 1990; UST 577S was closed with regulatory concurrence in June 1998 (DTSC 2000b, RWQCB 1998). One unlocated UST (near Building 655 on Parcel 01-O) was investigated and

petroleum hydrocarbon contamination was found in soil at levels above screening criteria; because the petroleum hydrocarbon contamination is not present at levels that represent a threat to human health and the environment, no corrective action is warranted. DON is currently seeking concurrence from the regulatory agencies that no further action is required. USTs and associated petroleum hydrocarbon contamination would not preclude or restrict the real property transaction of the 15 parcels included in this FOST. The location, tank identification, capacity, contents, and status of each UST formerly located at Parcel XV-A are summarized in Appendix G.

Notifications (e): Transferee is notified that petroleum hydrocarbons and associated constituents have been released from USTs at Parcel XV-A.

Restrictions (e): For this transfer, no restrictions will be imposed with respect to petroleum hydrocarbon releases from USTs at Parcel XV-A.

5.14 ABOVEGROUND STORAGE TANKS

There are two ASTs on Parcel 01-K at Parcel XV-A (SSPORTS 1999b). ASTs 571-02 and T-4 are two inactive 50- and 30,000-gallon concrete tanks used to store sediment and pickling solvents. The location, tank identification, capacity, contents, and status of each UST formerly located at Parcel XV-A are summarized in Appendix G.

ASTs do not pose an environmental concern and would not preclude or restrict the real property transaction of the 15 parcels included in this FOST.

5.15 OIL/WATER SEPARATORS

One OWS is located on Parcel 01-K in Parcel XV-A (SSPORTS 1999b). This 1,250-gallon OWS located on the northeast side of Building 571 on Parcel 01-K will remain empty and inactive. This concrete unit formerly contained oil, water, and sediment. The location, capacity, contents, and status of this OWS currently located at Parcel XV-A are summarized in Appendix G.

This OWS does not pose an environmental concern and would not preclude or restrict the real property transaction of the 15 parcels included in this FOST.

Five PA/SI sites of potential concern were identified within the 15 parcels of Parcel XV-A. Two of the PA/SI sites posed known radiological concerns: (1) SWMU 108 (Building 897 on Parcel 01-G), and (2) SWMU 124 (Building 655 on Parcel 01-O). DON has released these sites from radiological concerns for unrestricted use, and DTSC has approved the radiological release reports (DTSC 1997).

SWMUs 093 and 106, which are present in most areas of Parcel XV-A, were basewide PA/SI sites associated with the storm sewer and the sanitary sewer systems (PRC 1995a). The storm and sanitary sewer systems were combined until 1959, and were partially interconnected from 1959 until 1972. Before 1972, most of the industrial wastewater generated at Mare Island was also discharged to the storm sewer system. Industrial wastewater may also have entered the sanitary sewer system through cross-connections between the two systems. DON, with the concurrence of the regulatory agencies, concluded that an investigation of either the storm or sanitary sewer system in its entirety is not necessary. Based on the investigation of the industrial wastewater system (IR14) and the distribution of contamination, DON and the regulatory agencies agreed that sampling would be necessary only at the sanitary wastewater domestic pump stations rather than throughout the entire system. These pump stations, including DOM-1 on Parcel 01-J4 and DOM-2 on Parcel 01-L1A, were investigated as PA/SI sites as part of the Group II/III Accelerated Study (see Figure 4) (PRC 1997, TtEMI and U&A in progress). Soil and groundwater samples were collected during the site investigations at DOM-1 and DOM-2. Analytical results for the sites indicate that there is no threat to human health or the environment. As a result, DON and the regulatory agencies have concurred that no further action is warranted at these sites (DTSC 2000a, EPA 2000).

PA/SI sites do not pose an environmental concern and would not preclude or restrict the real property transaction of the 15 parcels included in this FOST.

6.0 ADJACENT PARCELS

Parcel XV-A is bounded by Parcel 01-HB, 01-L1B, 01-L2B, 01-L3B, 01-J1, 01-J2B, 01-C, 01-D1, 01-D2, and 17-C to the southwest, Parcels 02-D3, 02-D5, and 02-E2 to the southeast, Parcels 17-E, 01-N, and 01-Q2 to the northeast, and Parcel 18-A and city-owned property to the north. Information on these adjacent parcels is included as Appendix H. Information regarding adjacent parcels is included because environmental conditions in adjacent areas may affect Parcel XV-A. Detailed information on these adjacent parcels is listed below.

6.1 PARCEL 01-C

Parcel 01-C covers 10.62 acres. One building (Building 627) occupies approximately 40 percent of the total parcel (see Figure 2); this building was used as offices. The remaining 60 percent of the parcel is open space consisting of asphalt parking lots and roadways and concrete walkways. Two buildings (Buildings 24 and 809) were formerly located on Parcel 01-C and were used as a stable keeper residence and an ordnance storehouse annex.

The IR17 and Building 503 site, the former paint manufacturing facility, is located on a portion of Parcel 01-C (see Appendix B); although contamination may migrate onto Parcel 01-C from adjacent Parcel 01-B in the future, potential contamination on Parcel 01-C is not expected to affect adjacent Parcel 01-J3. A PA/SI at Mare Island identified three sites of potential concern in Parcel 01-C: SWMUs 093 (storm sewer system), 106 (sanitary sewer system), and 123 (potential radium release at Building 627) (see Section 5.16). These sites are not expected to affect adjacent Parcel 01-J3. One removed AST (627-01), one inactive AST (627-02), two closed-in-place USTs (627[1] and 627[2]), and one inactive OWS (OWS 01) were present on the parcel. G-RAM and NNPP issues were a concern at Building 627, but have been cleared by DON (DTSC 1997, EPA 1996). Four spills occurred at Building 627: two oil spills of 2 and 5 gallons each in September 1988, a 10-gallon hydraulic oil spill in December 1988, and an unknown quantity of mercury when 10 to 12 fluorescent tubes were crushed in January 1995. One HWAA (67-3) was located on Parcel 01-C. Three transformers (T-1626, T-1195, and T-1013) were removed at Building 627; one active Rocker Arm (RA-131) is also located at Building 626. Fluids that contained PCB oil (exceeding 1 ppm PCB) were released at two former transformer sites at Buildings 627. Corrective action taken at these PCB sites included the removal of soil and wood flooring, and confirmation sampling. A

comprehensive asbestos survey of Building 627 has been completed, and any damaged and friable ACM has been remediated. All environmental concerns regarding spills and transformers were resolved as part of the inspection procedure for building closure. There are no other known sources of contamination at this parcel that might affect adjacent Parcel 01-J3.

6.2 PARCEL 01-D1

Parcel 01-D1 covers 6.31 acres. One building (Building 629) occupies approximately 30 percent of the total parcel (see Figure 2); this building was historically used as a heavy material storehouse and as a storage and shop area. The remaining 70 percent of the parcel is open space consisting of asphalt parking lots and roadways and concrete walkways.

IR08, the former battery storage area, is located on a portion of Parcel 01-D1 (see Appendix B); contamination at this site has been remediated and should not affect adjacent Parcel 01-J3. A PA/SI at Mare Island identified two sites of potential concern at Parcel 01-D1: SWMUs 093 and 106. These sites are not expected to affect adjacent Parcel 01-J3. NNPP sites and G-RAM issues were a concern at Building 629, but have been cleared by DON. A spill occurred in March 1995 that released 10 gallons of hydraulic fluid onto the asphalt at Building 629. One transformer (T-0707) was removed from Parcel 01-D1. A comprehensive asbestos survey of Building 629 has been completed, and any damaged and friable ACM has been remediated. All environmental concerns regarding spills and transformers were resolved as part of the inspection procedure for building closure. There are no other known sources of contamination at this parcel that might affect adjacent Parcel 01-J3.

6.3 PARCEL 01-D2

Parcel 01-D2 covers 9.27 acres. The parcel is composed 100 percent of open space consisting of asphalt roadways and parking lots and concrete walkways (see Figure 2). The parcel was previously used to store batteries.

IR08, the former battery storage area, is located on Parcel 01-D2 (see Appendix B); contamination at this site has been remediated and should not affect adjacent Parcel 01-J3. A PA/SI at Mare Island identified two sites of potential concern in Parcel 01-D2: SWMUs 093 and 028. SWMU 093 is a basewide PA/SI site associated with the storm sewer system. SWMU 028 (XSite01) was

the battery storage area, now IR08. These sites are not expected to affect adjacent Parcel 01-J3. G-RAM issues were a concern at XSite01 on Parcel 01-D2, but have been cleared by DON. There are no other known sources of contamination at this parcel that might affect adjacent Parcel 01-J3.

6.4 PARCEL 01-HB

Parcel 01-HB covers 4.92 acres. Two buildings (Building 663 and Building 1001) occupy approximately 25 percent of the total parcel (see Figure 2); these buildings were used as a consolidated telephone system repeater facility and a commissary. One building (Building 544) and four structures (1005, 1007, 1009, and 1011) were formerly located on Parcel 01-HB and were used as an office, concession stand, dugouts, and ballfields. The remaining 75 percent of the parcel is open space consisting of landscaped areas, asphalt roadways and parking lots, and concrete walkways, and was historically used to store lumber.

The IR17 and Building 503 site, the former paint manufacturing facility, is located on a portion of Parcel 01-HB (see Appendix B); contamination from this site is not expected to affect adjacent Parcels 01-G and 01-HA because they are upgradient. A PA/SI at Mare Island identified two sites of potential concern at Parcel 01-HB: SWMUs 093 (storm sewer system) and 106 (sanitary sewer system) (see Section 5.16); these sites are not expected to affect adjacent Parcels 01-G or 01-HA. One active transformer is and one removed transformer was located on Parcel 01-HB. Comprehensive asbestos surveys of Buildings 663 and 1001 have been completed, and any damaged and friable ACM has been remediated. All environmental concerns regarding transformers were resolved as part of the inspection procedure for building closure. There are no other known sources of contamination at this parcel that might affect adjacent Parcels 01-G and 01-HA.

6.5 PARCEL 01-J1

Parcel 01-J1 covers 10.76 acres. Four buildings (Buildings 503, 517, 601, and 878) occupy approximately 25 percent of the total parcel (see Figure 2); these buildings were used as a naval reserve training center, an electrical substation, for hazardous material storage, and as a sewer pump house. Five buildings (Buildings 519, 567, 807, 815, and S13-08) were formerly located on the parcel and were used as a paint factory, paint drum factory, two restrooms, and a bomb

shelter. The remaining 75 percent of the parcel is open space consisting of landscaped areas, asphalt roadways and parking lots, and concrete walkways.

The IR17 and Building 503 site, the former paint manufacturing facility, is located on Parcel 01-J1 (see Appendix B). A PA/SI at Mare Island identified two sites of potential concern at Parcel 01-J1: SWMUs 093 and 106. These sites are not expected to affect adjacent Parcels 01-J2A and 01-L3A. Two suspected USTs (UST 503-1 and UST 503-2) and an inactive AST were located on Parcel 01-J1. A spill occurred in October 1993 that released 5 gallons of paint onto concrete at Building 601. Five transformers (T-0785, T-0786, T-0787, T-0668, and T-0878) were leaking and have been removed from the parcel. Comprehensive asbestos surveys of Buildings 503, 517, 601, and 878 have been completed, and any damaged and friable ACM has been remediated. All environmental concerns regarding spills and transformers were resolved as part of the inspection procedure for building closure. There are no other known sources of contamination at this parcel that might affect adjacent Parcels 01-J2A and 01-L3A.

6.6 PARCEL 01-J2B

Parcel 01-J2B covers 0.69 acres. The parcel is 100 percent asphalt and concrete. Historically, this parcel has been used as barracks and quarters storage; all former buildings (Buildings 4A, 741, 743, 745, and 767) have been demolished.

A portion of the IR17 and Building 503 site is located on Parcel 01-J2B (see Appendix B); although no contamination is present on Parcel 01-J2B, contamination may migrate onto Parcel 01-J2B along utility corridors in the future. Potential contamination on Parcel 01-J2B is not expected to affect adjacent Parcels 01-J2A or 01-J3. A PA/SI at Mare Island identified two sites of potential concern at Parcel 01-J2: SWMUs 093 (storm sewer system) and 106 (sanitary sewer system) (see Section 5.16). These sites are not expected to affect adjacent Parcels 01-J2A or 01-J3. There are no other known sources of contamination at this parcel that might affect adjacent Parcels 01-J2A and 01-J3.

6.7 PARCEL 01-L1B

Parcel 01-L1B covers 6.70 acres. One hundred percent of the parcel is open space consisting of asphalt parking lots and roadways and concrete walkways. One building (Building FA7) was

formerly located on Parcel 01-L1B and was used as a first aid station. Another building (Building 579) was formerly located on Parcel 01-L1B and was used as a transformer station.

A portion of the IR17 and Building 503 site, the former paint manufacturing facility, is located on Parcel 01-L1B (see Appendix B); although contamination may migrate onto Parcel 01-L1B from adjacent Parcel 01-J1 in the future, potential contamination on Parcel 01-L1B is not expected to affect adjacent Parcel 01-L1A. The Former North Building Ways Area, an RI site, is located on Parcels 01-L1B, 01-N and 17-E (EDC Parcel II). The site, which was used primarily for assembling ships during World War II, was investigated during the Group II/III Accelerated Study. Based on analytical results, findings from the fate and transport evaluation, and results of the human health risk assessment, existing site conditions are considered protective of human health and the environment within Parcels 01-L1B, 01-N and 17-E (EDC Parcel II). Also, DON does not expect that contaminants remaining on Parcels 01-L1B, 01-N and 17-E will impact soil or groundwater within Parcels 01-L1A and 01-O in the future. DON has concluded that no further action is warranted at the site (TtEMI 1999a). The draft RI report for the Former North Building Ways Area was issued in November 1999 (TtEMI and U&A 1999).

The former skeet range (operated in the 1930s and 1940s) was located on Parcel 01-L1B. No ordnance or related ordnance contamination were detected in the former skeet range during visual inspection and a survey with a metal detector (PRC 1995b). No additional investigations are planned by the ordnance safety group. A PA/SI at Mare Island identified two sites of potential concern at Parcel 01-L1B: SWMUs 093 (storm sewer system) and 106 (sanitary sewer system) (see Section 5.16). These sites are not expected to affect adjacent Parcel 01-L1A. There are no other known sources of contamination at this parcel that might affect adjacent Parcel 01-L1A.

6.8 PARCEL 01-L2B

Parcel 01-L2B covers 3.40 acres. Building 993 occupies approximately 15 percent of the total parcel (see Figure 2); this building was formerly a service station. The remaining 85 percent of the parcel is open space consisting of landscaped areas, asphalt parking lots and roadways, and concrete walkways.

The IR17 and Building 503 site, the former paint manufacturing facility, is located on a portion of Parcel 01-L2 (see Appendix B); although contamination may migrate onto Parcel 01-L2B from

adjacent Parcel 01-J1 in the future, potential contamination on Parcel 01-L2B is not expected to affect adjacent Parcel 01-L2A. A PA/SI at Mare Island identified three sites of potential concern at Parcel 01-L2B: SWMUs 086 (UST 993[4]), 093 (storm sewer system) and 106 (sanitary sewer system). These sites are not expected to affect adjacent Parcel 01-L2A. Three USTs (993[1], 993[2], and 993[3]) were closed in place, and one tank (993[4]) was removed from Parcel 01-L2B; closure letters from the regulatory agencies are pending for USTs 993(1), 993(2), and 993(3), while corrective action for UST 993(4) has not taken place yet. One inactive OWS (993[01]) is located on the parcel. Nine spills occurred between September 1988 and February 1993 that released an unknown quantity (up to 55 gallons) of petroleum products, epoxy paint, and antifreeze into the soil and concrete at Building 993. One HWAA (1097-1) was located at Parcel 01-L2B; this HWAA has been closed. Comprehensive asbestos surveys of Building 993 have been completed, and any damaged and friable ACM has been remediated. All environmental concerns regarding spills were resolved as part of the inspection procedure for building closure. There are no other known sources of contamination at this parcel that might affect adjacent Parcel 01-L2A.

6.9 PARCEL 01-L3B

Parcel 01-L3B covers 0.94 acres. The entire parcel is open space consisting of landscaped areas, asphalt parking lots and roadways, and concrete walkways. The PA/SI program at Mare Island identified two sites of potential concern at Parcel 01-L3B: SWMUs 093 (storm sewer system) and 106 (sanitary sewer system) (see Section 5.16). These sites are not expected to affect adjacent Parcel 01-L3A. There are no other known sources of contamination at this parcel that might affect adjacent Parcel 01-L3A.

6.10 PARCEL 01-N

Parcel 01-N covers 28.33 acres. Two buildings (Buildings 491 and 641) occupy approximately 5 percent of the parcel; this parcel was formerly used as an approach to Building Ways 5 through 8, for cranes, a sentry house, and as a fire station. The remaining 95 percent of the parcel is open space consisting of asphalt roadways and parking lots and concrete walkways. A portion of the Former North Building Ways Area is located on this parcel (see Section 6.7). There are two transformers active at the site that do not contain PCBs. Hazardous materials were formerly stored at Building 641. An unknown quantity of oil was spilled in 1992 and released to surrounding

concrete. All environmental concerns related to hazardous materials and spills were resolved as part of the building procedure for building closure (EFA WEST 1994). There are no other known sources of contamination at this parcel that might affect adjacent Parcels 01-K, 01-L1A, 01-L2A, and 01-O in Parcel XV-A.

6.11 PARCEL 01-Q2

Parcel 01-Q2 covers 8.25 acres. Three buildings (Buildings 797, 799, and 825) occupy approximately 5 percent of the parcel; buildings at this parcel were formerly used as a boiler, a pumphouse, a electrical station, a work area, a boat house, and as piers. The remaining 95 percent of the parcel is open space consisting of asphalt roadways and parking lots and concrete walkways. Two ASTs were removed from the parcel. Eight transformers were removed from the parcel and six transformers that do not contain PCBs are active. Ordnance issues were a potential concern at Piers 53, 54, 55, and 56. All environmental concerns were resolved as part of the inspection procedure for building closure. There are no other known sources of contamination at this parcel that might affect adjacent Parcel 01-Q1 in Parcel XV-A.

This parcel may undergo planned ordnance removal operations. This work may require imposing an Explosive Safety Quantity Distance (ESQD) arc. If the ESQD arc is required, it may extend over a portion of Parcel XV-A. The ESQD arc requires personnel to be cleared from the area. The DON Ordnance Officer and DON's ordnance contractor will coordinate ESQD arc requirements with the transferee in advance of such operations.

Notification (f): Transferee is notified that ordnance removal operations on nearby property may require imposing an ESQD arc that may extend over a portion of Parcel XV-A and may require personnel to be cleared from the area.

Restriction (f): For this transfer, no restrictions will be imposed with respect to permits at Parcel XV-A.

6.12 PARCEL 02-D3

Parcel 02-D3 covers 4.13 acres. Three buildings (Buildings 749, 729, and 761) occupy approximately 25 percent of the parcel; these buildings were most recently used as housing and community facilities. The remaining 75 percent of the parcel is open space consisting of asphalt

roadways and parking lots and concrete walkways. There are no known sources of contamination at this parcel that might affect adjacent Parcel 01-E in Parcel XV-A.

6.13 PARCEL 02-D5

Parcel 02-D5 covers 4.21 acres. One building (Building 545) occupies approximately 30 percent of the parcel; this building was used most recently as a housing and community facility. The remaining 70 percent of the parcel is open space consisting of asphalt roadways and parking lots and concrete walkways. One 2-gallon spill (possibly radium) occurred on this site in 1988. All environmental concerns related to spills were resolved as part of the inspection procedure for building closure. Additionally, G-RAM has been stored in Building 545. A G-RAM survey of Building 545 was completed and no G-RAM was found (DTSC 1997). There are no other known sources of contamination at this parcel that might affect adjacent Parcel 01-F in Parcel XV-A.

6.14 PARCEL 02-E2

Parcel 02-E2 covers 5.58 acres. Currently, nearly 100 percent of the parcel is covered with grass and is used as a playing field known as Morton Field. No buildings exist at this parcel; however, former Building 931 contained hazardous materials. All environmental concerns related to hazardous materials were resolved as part of the inspection procedure for building closure (EFA WEST 1994). There are no other known sources of contamination at this parcel that might affect adjacent Parcel 01-K in Parcel XV-A.

6.15 PARCEL 17-C

Parcel 17-C covers 4.21 acres. One building (Building 505) occupies approximately 5 percent of the parcel; this building was used most recently as a country store and historically as a radio communication and electrical distribution center. The remaining 95 percent of the parcel is open space consisting of wetlands. One removed UST was present at the site. This UST is closed pending concurrence by the regulatory agencies. G-RAM was also stored at the site. A G-RAM survey of Building 505 was completed and no G-RAM was found (DTSC 1997). There are no other known sources of contamination at this parcel that might affect adjacent Parcels 01-E and 01-G in Parcel XV-A.

6.16

PARCEL 17-E

Parcel 17-E covers 32.74 acres. One building (Building 593) occupies approximately 1 percent of the parcel; this parcel was formerly used as the North Yard Building Ways Staging Area. The remaining 99 percent of the parcel is open space consisting of unpaved areas and paved roadways. A portion of the Former North Building Ways Area is located on this parcel (see Section 6.7). G-RAM was stored at the site. A G-RAM survey of Building 593 was completed and no G-RAM was found (DTSC 1997). There are no other known sources of contamination at this parcel that might affect adjacent Parcels 01-O and 01-Q1 in Parcel XV-A.

6.17

PARCEL 18-A

Parcel 18-A covers 186.26 acres. Four structures (harbor, Orland-01, Orland-02, and Orland-03) occupy less than 5 percent of the parcel; this parcel was formerly used as a harbor, wharf, and pier. The remaining 95 percent of the parcel is open space consisting of open water.

A PA/SI at Mare Island identified one site of potential concern at Parcel 18-A: SWMU XPA/SI-013; this site is not expected to affect adjacent Parcels 01-01-M, 01-P, and 01-Q1. G-RAM was stored at the site. A G-RAM survey of the harbor was completed and no G-RAM was found (DTSC 1997). DON has released this site from ordnance issues. There are no other known sources of contamination at this parcel that might affect adjacent Parcels 01-01-M, 01-P, and 01-Q1 in Parcel XV-A.

7.0 ENVIRONMENTAL CONDITION OF PROPERTY

As part of the initial basewide EBS conducted for Mare Island, each parcel was assessed to identify specific potential environmental concerns. A BRAC area type number from 1 to 7 was assigned to each parcel. Parcels 01-E, 01-F, 01-G, 01-H, 01-J2, 01-J3, 01-J4, 01-K, 01-L1, 01-L3, 01-M, 01-O, 01-P, and 01-Q1 were classified as BRAC area type 7, meaning that data were insufficient to classify the property into one of the other six defined types with a reasonable level of confidence.

After the basewide EBS was completed in 1994, the classification scheme changed as a result of the 1997 Defense Authorization Act, which revised the definition of uncontaminated property. Category definitions previously described in the basewide EBS as CERFA categories or as BRAC area types are now referred to as ECP area types. Revised category definitions are included in Table 2. In summary, all the parcels in Parcel XV-A revised categories are between 1 and 3. Each of the parcels in this FOST has been reclassified based on the revised ECP area type definitions and on information gathered from site investigations and literature reviews conducted since the basewide EBS was completed. The ECP area type classification system does not include an evaluation of potential releases of (1) LBP from buildings or structures, (2) PCB-oils in electrical equipment, (3) ACM from buildings or structures, or (4) radon.

Table 4 lists each parcel covered by this FOST along with its proposed ECP area type classification and notes on reclassification.

Visual site inspections and historical document reviews of the property have revealed the following.

- Other than PCB releases from electrical equipment (see Section 5.10) and potential releases from USTs at Parcel 01-O (see Section 5.13), there have been no other releases on the 15 parcels to be transferred in Parcel XV-A. Also, no disposal or storage of hazardous substances or petroleum products at levels that exceed reportable limits has occurred on the 15 parcels to be transferred in Parcel XV-A.
- No RI sites, no hazardous waste treatment facilities, no radiological concerns, and no PCB releases or contaminated electrical equipment (including transformers) remain on the 15 parcels of Parcel XV-A included in this FOST.

PA/SI sites, HWAA, USTs, ASTs, and OWSs are located within Parcel XV-A, but no potential risks to human health is associated with these sites.

8.0 NOTICE OF HAZARDOUS SUBSTANCES

Hazardous substances were stored on several parcels at Mare Island as part of routine activities. As required by CERCLA Section 120(h)1 and codified at 40 CFR 373.3, Appendix D of this FOST provides the required hazardous substances notification. The general requirements for the notice are as follows:

Whenever any department, agency, or instrumentality of the United States enters into a contract to transfer real property, notice of any hazardous substances, as defined by CERCLA, stored for more than one year, must be included in the transfer documents. The notice applies to storage of hazardous substances greater than one year and greater than or equal to 1,000 kilograms or the substances CERCLA reportable quantity, whichever is greater. The notice must also describe any release or disposal of hazardous substances greater than or equal to 1,000 kilograms or the substances CERCLA reportable quantity, whichever is greater.

In the basewide EBS, hazardous materials or substances were noted as historically having been stored on Parcels 01-J3, 01-K, 01-M, 01-O, 01-P, and 01-Q1. However, the available information indicates that the quantities stored on Parcels 01-J3, 01-M, 01-P and 01-Q1 were below the requirement for the notice. Reportable quantities were found only on Parcel 01-K. Appendix D includes information for these parcels.

9.0 NOTIFICATIONS AND RESTRICTIONS

Notifications for the transfer of Parcel XV-A are summarized below. There are no restrictions that apply to Parcel XV-A.

Notification Number	Notification	Section Number
(a)	Permits or certifications may be required and should be obtained from the appropriate federal, state, and local regulatory agencies.	5.3
(b)	Because of the age of the structures on Parcel XV-A, LBP may be present on the structures or in surrounding soil.	5.6
(c)	Based on the results of surveys, ACM may be present within structures or other facilities on Parcel XV-A.	5.8
(d)	Transferee is notified that PCBs related to past electrical transformer releases are present in concrete at Parcel XV-A.	5.10
(e)	Transferee is notified that petroleum hydrocarbons and associated constituents have been released from USTs at Parcel XV-A.	5.13
(f)	Transferee is notified that ordnance removal operations on nearby property may require imposing an ESQD arc that may extend over a portion of Parcel XV-A and may require personnel to be cleared from the area.	6.11

10.0 REQUIRED ENVIRONMENTAL COVENANTS

The 15 parcels within Parcel XV-A at Mare Island deemed suitable to transfer in this document will be transferred in accordance with federal real property disposal laws. The notice of hazardous substances as required by CERCLA Section 120(h)(1) is found in Appendix D. In addition, the transferee may be entitled to the statutory indemnification for closing bases pursuant to Section 330 of the National Defense Authorization Act for Fiscal Year 1993, Public Law 102-484, as amended by Section 1002 of the National Defense Authorization Act for Fiscal Year 1994, Public Law 103-160. The statute provides that, subject to certain conditions, the Secretary of Defense shall hold harmless and indemnify persons who acquire ownership or control of any facility at a military installation that is closing or closed pursuant to a base closure law from any claim for personal injury or property damage that results from the release of hazardous substances or petroleum products as a result of Department of Defense activities. The indemnification does not apply to the extent that persons seeking indemnification contributed to a release or threatened release. The deed will contain the deed covenants required by Sections 120(h)(3) and 120(h)(4) of CERCLA. The deed for conveyance of this property will contain the following:

For parcels with ECP area types 2-3, 2-4, 2-5 and 3, the following applies.

Under 42 USC §9602(h)(3), with respect to any portion of the real estate on which any hazardous substance was stored for 1 year or more, known to have been released, or disposed:

- (A) Transferor (grantor) covenants that all remedial action necessary to protect human health and the environment with respect to any such substance remaining on the property has been taken before the date of transfer to transferee (grantee); and
- (B) Any additional remedial action found to be necessary after the date of such transfer shall be conducted by the transferor; and
- (C) Transferee covenants that transferor shall have access to the property in any case in which remedial or corrective action is found necessary after the date of such transfer.
- (D) Transferor is hereby giving notice to transferee of hazardous substance accumulation areas, storage locations, and releases within Parcel XV-A (see Appendices C, D, and E)

For parcels with ECP type category 1, the following applies:

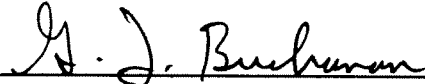
Under 42 USC §9620(h)(4)(D), with respect to any portion of the real estate where no hazardous substances and no petroleum products or their derivatives were known to have been released or disposed:

- (A) Transferor covenants that any response action or corrective action found to be necessary after the date of transfer of the property shall be conducted by the transferor; and
- (B) Transferee covenants that the transferor shall have access to the Property in any case in which a response action or corrective action is found necessary after the date of the conveyance of the property or shall have access where necessary to carry out a response action or corrective action on adjoining property.

11.0 FINDING OF SUITABILITY TO TRANSFER

Based on the above information, I find that the property is suitable to transfer by deed for the intended purpose because the requirements of CERCLA 120(h)(3) and 120(h)(4) have been met for the property in that all remedial action necessary to protect human health and the environment with respect to CERCLA hazardous substances on the property has been taken, taking into account potential risk of future liability.

Therefore, I find that the property fully complies with all applicable laws and policies and is environmentally suitable for transfer. The reuse, as outlined in the reuse plan for Mare Island, does not present a current or future risk to human health and the environment. Based on the foregoing information and analysis, the property covered by this FOST is suitable for transfer.



G.J. Buchanan
Captain, CEC, USN
Commanding Officer
Engineering Field Activity WEST
Naval Facilities Engineering Command

9 JAN 2001

Date

REFERENCES

- California Environmental Protection Agency, Department of Toxic Substances Control (DTSC). 1997. Letter Regarding the Completion of All Mare Island Naval Shipyard General Radioactive Material (G-RAM) Surveys. From Chip Gribble, DTSC, to Juris Sinats, EFA WEST. October 23.
- DTSC. 1999a. Letter Regarding the Approval of the PCB Confirmation Sampling Summary Report for Investigation Area A1, Dated 2/13/98, With Change Pages Received 1/7/99. From Chip Gribble, DTSC, to Bob Pender, EFA WEST. January 8.
- DTSC. 1999b. Letter Regarding Lead Based Paint in Soil Near Building 571. From Anthony Landis, DTSC, to Captain Gregory Buchanan, EFA WEST. July 23.
- DTSC. 2000a. Letter Concurring That No Further Action Is Required at Sanitary Sewer Pump Station (DOM)-1, DOM-2, and DOM-17. From Chip Gribble, DTSC, to Jerry Dunaway, Naval Facilities Engineering Command Southwest Division. May 4.
- DTSC. 2000b. Draft No Further Action Remedial Action Plan For Investigation Area IA-A1 Clean Parcels at Mare Island Naval Shipyard, Vallejo, California. May 10.
- California Regional Water Quality Control Board, San Francisco Bay Region (RWQCB). 1995. Letter Regarding Hazardous Wastes and Underground Storage Tank Case Closures for the Following USTs: H-34, 658, A-71S, A-191, and 999. From Shin-Roei Lee, RWQCB, to Bah Zarah, EFA WEST. December 7.
- RWQCB. 1998. Letter Regarding Remedial Action Completion Certificate for UST 577S. From Michael Rochette, RWQCB, to Terry Lau, EFA WEST. June 5.
- City of Vallejo. 1994. Mare Island Final Reuse Plan (Volumes I and II). July 26.
- Naval Facilities Engineering Command, Engineering Field Command West. 1994. Basewide Environmental Baseline Survey Report. December 15.
- Naval Facilities Engineering Command, Southwest Division. 2000. Letter Regarding Geochemical Origin of the Red-colored Sediment Observed in Investigation Area A1. From Jerry Dunaway, Southwest Division, to Charles Gribble, DTSC. May 10.
- Mare Island Naval Shipyard (MINS). 1994a. 90-Day Hazardous Waste Accumulation Areas Closure Plan at MINS. August 22.
- MINS. 1994b. General Radioactive Material (G-RAM) Radiological Survey Plan for Decommissioning of MINS - Draft. August 26.
- MINS. 1994c. Backflow Protection and Cross Connection Survey Report. October.
- MINS. 1994d. Final Basewide Environmental Baseline Survey/Community Environmental Response Facilitation Act Report for Mare Island Naval Shipyard. December 15.
- MINS. 1996. Basewide Environmental Baseline Survey for Mare Island Naval Shipyard, Supplement for Zone 01, Final. BRAC Environmental Technical Division. March 4.

REFERENCES

- MINS/City of Vallejo. 1998. Environmental Impact Statement/Environmental Impact Report (EIS/EIR) for the Disposal and Reuse of Mare Island Naval Shipyard, Vallejo, California, Final. April 1998.
- M.B. Gilbert Associates. 1991. Spill Prevention Control and Countermeasure Plan. June 28.
- Naval Nuclear Propulsion Program (NNPP). 1996a. Radiological Survey Plan for Decommissioning of Mare Island Naval Shipyard, Volume I. February 28.
- NNPP. 1996b. Radiological Final Report for Decommissioning of Mare Island Naval Shipyard, Volume II. March 1.
- PRC Environmental Management, Inc. (PRC). 1994. Underground Storage Tank Removal and Preliminary Site Assessment and Summary Report, Final Issue. December 30.
- PRC. 1995a. Mare Island Naval Shipyard Preliminary Assessment/Site Inspection (PA/SI) Final Summary Report Nonradiological Sites. May 19.
- PRC. 1995b. Mare Island Naval Shipyard Preliminary Assessment Final Summary Report - Ordnance Sites. September 1.
- PRC. 1997. Group II and III Accelerated Study Field Sampling and Analysis Plan (FSAP) of Mare Island. August 5.
- Roy F. Weston, Inc. 1999. Lead Based Paint Investigation Report for Mare Island Naval Shipyard. February.
- Supervisor of Shipbuilding, Conversion, and Repair, Portsmouth, Virginia, Environmental Detachment, Vallejo (SSPORTS). 1995. General Radioactive Material (G-RAM) Radiological Survey Plan for the Decommissioning of MINS - Revision 2, Change 0. July 7.
- SSPORTS. 1996. Mare Island Naval Shipyard Final Release Report, G-RAM Radiological Survey Plan, Volumes 1 and 2. March 28.
- SSPORTS 1999a. MINS Underground Storage Tank (UST) Summary Data Report, Rev. H. November 10.
- SSPORTS. 1999b. Mare Island Naval Shipyard Environmental Baseline Survey Database. Last updated 1999.
- Tetra Tech EM Inc. (TtEMI). 1999a. January 16, 1999, Group II/III Scoping Meeting Minutes for Former North Building Ways Area in Investigation Area A2, Mare Island, California. January 16.
- TtEMI. 1999b. Onshore Ecological Risk Assessment Mare Island, Vallejo, California. January 27.
- TtEMI. 2000a. Final Basewide Polychlorinated Biphenyl (PCB) Confirmation Sampling Summary Report of Mare Island, Confirmation Sampling Program. January 14.
- TtEMI. 2000b. Final Remedial Investigation for IR08, Mare Island, Vallejo, California. January 23.

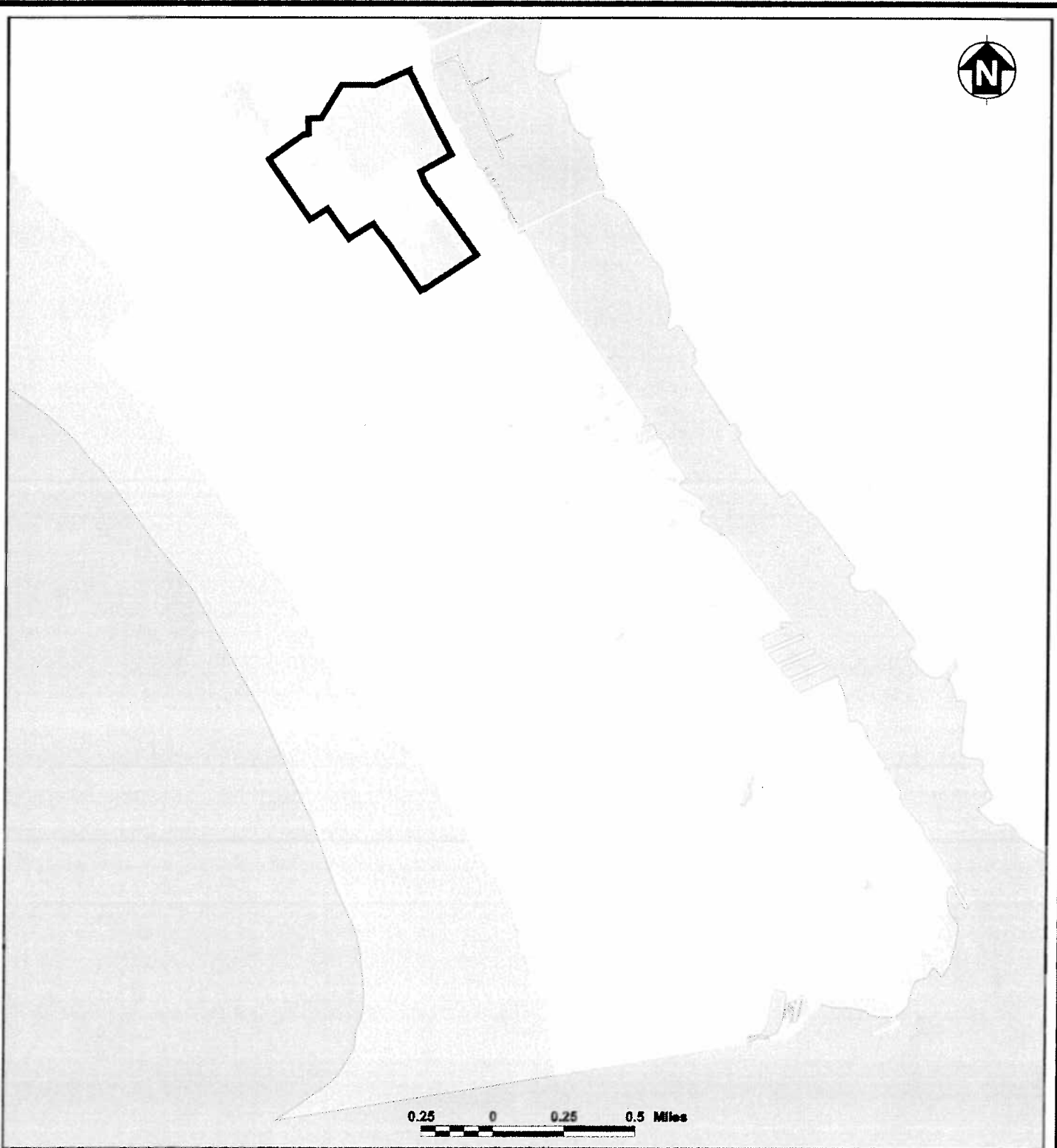
REFERENCES

- TtEMI 2000c. Draft Letter Report for Geophysical Investigation and Soil Sampling for Suspected Underground Storage Tank (UST) Site at Building 655, Mare Island. July 20.
- TtEMI and Levine-Fricke Recon. 1999. Preliminary Draft Remedial Investigation Area H1 for Mare Island. July 6.
- TtEMI and U&A. 1999. Former North Building Ways Area Remedial Investigation for Mare Island. November 12.
- TtEMI and U&A. In progress. Investigation Area A1 Remedial Investigation Report.
- U.S. Department of Defense (DoD). 1994. "Policy on the Environmental Review Process to Reach a Finding of Suitability to Transfer." June.
- DoD. 1996. Base Realignment and Closure (BRAC) Cleanup Plan (BCP) Guidebook. September.
- U.S. Department of the Navy (DON). 1998. Record of Decision for the Disposal and Reuse of Mare Island Naval Shipyard, Vallejo, California. October 23.
- DON and the City of Vallejo. 1999. Memorandum of Agreement by and between the United States of America and the City of Vallejo, California for the Economic Development Conveyance of Property on the Former Mare Island Naval Shipyard and Associated Properties within the City of Vallejo. September 30.
- U.S. Environmental Protection Agency (EPA). 1996. Letter Regarding the Naval Nuclear Propulsion Program (NNPP) Radiological Survey Plan for Decommissioning of Mare Island Naval Shipyard, Volume 1, dated 2/28/96 and Naval Nuclear Propulsion Program Radiological Final Report for Decommissioning of Mare Island Naval Shipyard, Volume II, dated 4/1/96. From Tom Huetteman, EPA, to Robert O'Brien, MINS, March 19.
- EPA. 1999. Letter Regarding the Approval of the PCB Confirmation Sampling Summary Report for Investigation Area A1, Dated 2/13/98, With Change Pages Received 1/4/99. From Bonnie Arthur, EPA, to Manny Bernal, EFA WEST. January 21.
- EPA. 2000. Letter Concurring that No Further Action Is Required at Sanitary Sewer Pump Station (DOM)-1, DOM-2, and DOM-17. From Bonnie Arthur, EPA, to Jerry Dunaway, Naval Facilities Engineering Command Southwest Division. May 4.

ADDITIONAL SOURCES

- Base Realignment and Closure (BRAC) Environmental Technical Division. 1995. Internal Draft Workplan - UXO Site Investigation of Small Arms Ranges at MINS. June 5.
- California Regional Water Quality Control Board, San Francisco Bay Region (RWQCB). 1995. Letter Regarding Cal-EPA's comments on Draft Underground Storage Tank Summary Data Report (Not Located), dated July 5, 1995. From Gina Kathuria, RWQCB, to Terry Lau, EFA WEST. October 6.
- California Environmental Protection Agency, Department of Toxic Substances Control (DTSC). 1999. Letter Regarding Area A1 Unresolved Issues Concerning Contaminated Sandblast Grit and Groundwater Contamination from IR08 and IR17. From Anthony Landis, DTSC, to Captain Ernest R. Hunter, EFA WEST. April 29.
- City of Vallejo. 1993. Mare Island Conceptual Reuse Plan. December 7.
- Commander, Naval Facilities Engineering Command. 1996. Letter 5090 41CM/960102. Lead-Based Paint Plan at BRAC Installations. April 16.
- Mare Island Naval Shipyard (MINS). 1990. Hazardous Waste and Environmental Program Assessment at MINS. September 10.
- MINS. 1996. Finding of Suitability to Lease for Zone 01 at Mare Island Naval Shipyard, Final. BRAC Environmental Technical Division. March 4.
- MINS. 1997. BCP for Mare Island Naval Shipyard, Revision 4. BRAC Environmental Technical Division. February 21.
- Navy Public Works Center, Norfolk, Virginia. 1996. Asbestos Management Plans. April.
- Tetra Tech EM Inc. (TtEMI). 1999a. January 26, 1999, Group II/III Scoping Meeting Minutes for Investigation Areas A1, A2, and C1, Mare Island, California. January 26.
- TtEMI and Uribe & Associates (U&A). 1999. Interim Facility-Wide Groundwater Monitoring Program Quarterly Report for Mare Island Naval Shipyard. October 19.
- U.S. Department of Defense (DoD). 1994. Memorandum on Asbestos, Lead Paint, and Radon Policies at BRAC Properties. October 31.

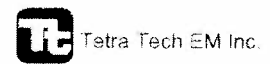
FIGURES



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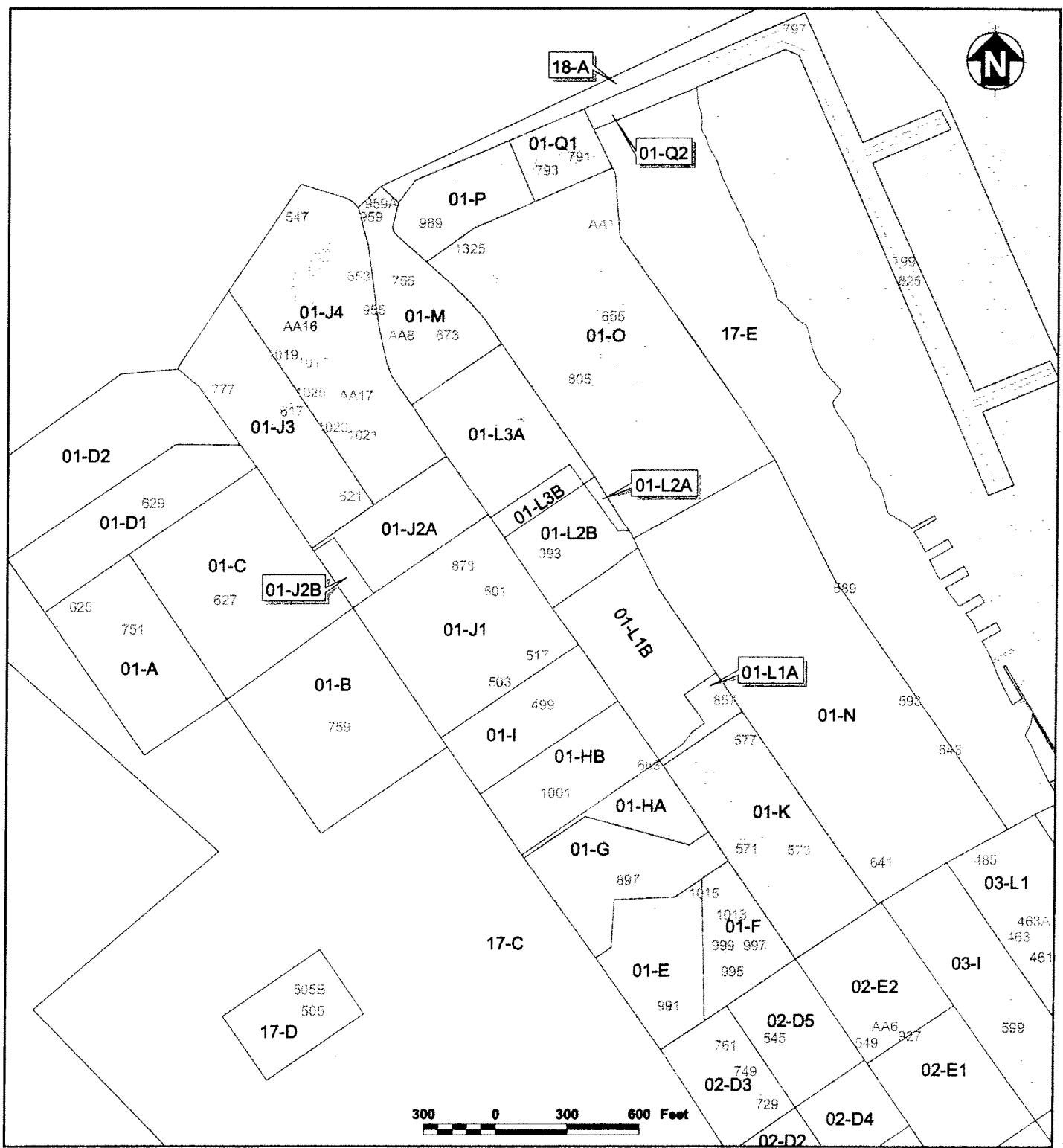


-  PARCEL XV
-  PARCEL XV-A
- BASE MAP
-  Buildings/Structures
-  Roads
-  Site Features
-  Wetlands
-  Mudflats
-  Water

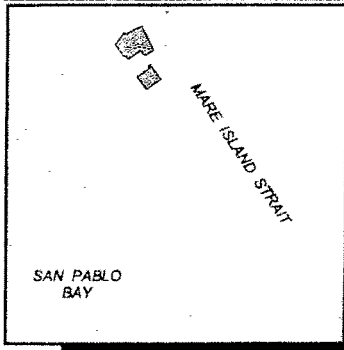


PARCEL XV-A
MARE ISLAND, CALIFORNIA

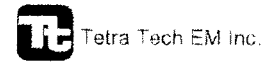
FIGURE 1
LOCATION OF PARCEL XV-A
WITHIN MARE ISLAND



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EBS PARCELS
 PARCEL XV-A
 BUILDING OR STRUCTURE



PARCEL XV-A
MARE ISLAND, CALIFORNIA

FIGURE 2
PARCEL XV-A SITE MAP



STATE HIGHWAY 37



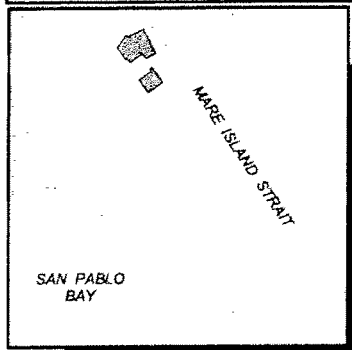
Dredge Pond
3E


RADIO
TOWERS


CEDAR AVE

300 0 300 600 Feet

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 SANITARY SEWER PIPELINES
STORM SEWER LINES
SHARED STORM/SANITARY LINES
PARCEL XV-A

 Tetra Tech EM Inc.

PARCEL XV-A
MARE ISLAND, CALIFORNIA

FIGURE 3
SANITARY AND STORM SEWER LINES
AT PARCEL XV-A



▲
DOM1

IR08

655-1
○ 655

627 (1) and (2)
●

BUILDING 503 AREA
IR17
J ST.

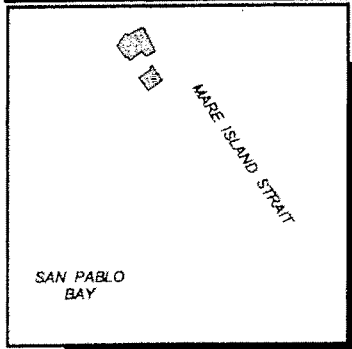
FORMER NORTH BUILDING WAYS AREA
990 (1) (2) and (3)
993 (4)
DOM2 ▲
577 S ●
999 ●
E ST.
RAILROAD AVE

Dredge Pond 3E

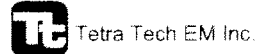
RADIO TOWERS

300 0 300 600 Feet

01/03/01 v:\mare island\parcel-xv\parcel-xv.apr T:\EM\SF Simon Cardinalis



- ▲ DOMESTIC PUMP STATIONS (DOM)
- UNDERGROUND STORAGE TANKS
- Abandoned or Removed
- Closed
- Not Located
- INSTALLATION RESTORATION SITES
- PARCEL XV-A



PARCEL XV-A
MARE ISLAND, CALIFORNIA

FIGURE 4
LOCATION OF ENVIRONMENTAL SITES
AT PARCEL XV-A

TABLES

**TABLE 1
PROPERTY DESCRIPTIONS
PARCEL XV-A
MARE ISLAND, VALLEJO, CALIFORNIA**

Parcel	Parcel Acreage	Building Number	Description (Current and Former Uses)	Status
01-E	5.21	991	Previously used as a lumber yard area and enlisted men's club.	Constructed in 1974.
01-F	3.63	995	Previously used as barracks.	Constructed in 1979.
		997	Previously used as barracks.	Constructed in 1979.
		999	Previously used as barracks.	Constructed in 1979.
		1013	Previously used as barracks.	Constructed in 1985.
		1015	Previously used as barracks.	Constructed in 1985.
01-G	5.68	897	Previously used as the Navy exchange.	Constructed in 1971.
01-HA	2.22	--	--	--
01-J2A	4.12	747	Previously used as quarters café.	Demolished date unknown.
01-J3	8.27	615	Previously used for commissary stores.	Demolished in 1981.
		617	Previously used for the explosive ordnance mobile unit berthing and administration.	Constructed in 1942.
		619	Previously used as quarters.	Demolition date unknown.
		621	Previously used as barracks.	Constructed in 1942.
		769	Previously used as barracks.	Demolition date unknown.
		771	Previously used as quarters.	Demolition date unknown.
		773	Previously used as quarters.	Demolition date unknown.
		777	North electrical station.	Constructed in 1985.
01-J4	12.74	547	Storm sewer pumping station.	Constructed in 1941.
		609	Previously used as subsistence quarters.	Demolition date unknown.
		611	Previously used as quarters.	Demolition date unknown.
		613	Previously used as quarters.	Demolition date unknown.
		623	Previously used as quarters.	Demolition date unknown.
		653	Pump house.	Constructed in 1943.
		955	Bus shelter.	Demolition date unknown.
		957	Previous usage unknown.	Demolition date unknown.
		1017	Dugout.	Constructed in 1985.
		1019	Dugout.	Constructed in 1985.
		1021	Dugout.	Constructed in 1985.
		1023	Dugout.	Constructed in 1985.
		1025	Latrine.	Constructed in 1987.
		AA16	Ball field.	Constructed in 1983.
AA17	Ball field.	Constructed in 1983.		

TABLE 1 (continued)
PROPERTY DESCRIPTIONS
PARCEL XV-A
MARE ISLAND, VALLEJO, CALIFORNIA

Parcel	Parcel Acreage	Building Number	Description (Current and Former Uses)	Status
01-K	9.71	571	Previously used for storage and a shop.	Constructed in 1942.
		577	Electrical substation.	Constructed in 1942.
		TK04	Pickling tanks.	Constructed in 1942.
01-L1A	0.93	857	Previously used as domestic pump station (DOM-2)	Constructed in 1959.
01-L2A	0.26	--	--	--
01-L3A	6.22	753	Previously used as a theater.	Demolition date unknown.
01-M	6.29	673	Previously used as a warehouse.	Constructed in 1942.
		755	Previously used as a training facility.	Constructed in 1945.
		959	North gate sentry house.	Constructed in 1967.
		959A	North gate sentry house.	Constructed in 1967.
		AA12	Previously used in conjunction with the tennis courts.	Demolition date unknown.
		AA7	Basketball courts.	Constructed in 1945.
		AA8	Tennis courts.	Constructed in 1944.
01-O	22.91	655	Previously used for storage.	Constructed in 1942.
		721	Previously used as an anti-aircraft training center.	Demolition date unknown.
		805	Transformer station.	Constructed in 1942.
		1325	Previously used as restrooms.	Constructed in 1985
		AA11	Previously used for picnic grounds.	Constructed in 1962.
		M156	Previously used as a ball field.	Constructed in 1970.
01-P	3.19	763	Previously used for storage.	Demolition date unknown.
		989	Previously used as the NAVELEX computer building.	Constructed in 1972.
01-Q1	2.79	791	Previously used for offices and training.	Constructed in 1946.
		793	Previously used for offices and training.	Constructed in 1946.

Notes:

NAVELEX Naval electronics system command

-- Not applicable

TABLE 2
ECP AREA TYPE DEFINITIONS
PARCEL XV-A
MARE ISLAND, VALLEJO, CALIFORNIA

<p>ECP Area Type 1, areas where no release or disposal (including migration) has occurred. This area type includes parcels where no hazardous substances or petroleum products were released into the environment or disposed on site property and no migration of hazardous substances from other sites has occurred. These areas are free of contamination and are eligible for transfer by deed. Storage of hazardous substances or petroleum products may have occurred, but no evidence of release or disposal was identified.</p>
<p>ECP Area Type 2, areas where only release or disposal of petroleum products has occurred. This area type includes parcels where only release or disposal of petroleum products and related constituents has occurred or is suspected to have occurred. No contamination other than petroleum products and related constituents has been found at these parcels, and these areas are eligible for transfer by deed.</p> <p>The DON has established subcategories for ECP area type 2 to more specifically categorize parcels where only petroleum products and related constituents have been detected or are suspected to be present. The subcategories, which loosely reflect ECP area types 3 through 7, are defined as follows:</p> <p>ECP area type 2-3: This area type includes parcels where contamination from petroleum products and related constituents has been detected. No further investigation or corrective action is planned because detected concentrations were below action levels.</p> <p>ECP area type 2-4: This area type includes parcels where contamination from petroleum products and related constituents has been detected. Corrective action has been completed.</p> <p>ECP area type 2-5: This area type includes parcels where contamination from petroleum products and related constituents has been detected. Corrective action is underway.</p> <p>ECP area type 2-6: This area type includes parcels where contamination from petroleum products and related constituents has been detected. Corrective actions have not yet been implemented.</p> <p>ECP area type 2-7: This area type includes parcels where investigation results indicate that the release or disposal of petroleum products and related constituents is suspected to have occurred. Further investigation is required to confirm the existence of petroleum products.</p>
<p>ECP Area Type 3, areas of contamination below action levels. This area type includes parcels where investigation results indicate that hazardous substances have been released, but are present in quantities that require no response action to protect human health and the environment. This area type includes parcels where concentrations of hazardous substances are below defensible detection limits, or are above detection limits, but below action levels. These parcels are eligible for transfer by deed.</p>
<p>ECP Area Type 4, areas where all remedial action has been taken. This area type includes parcels where investigation results indicate that hazardous substances are known to have been released on the property, but all remedial actions necessary to protect human health and the environment, with respect to any hazardous substance remaining on the property, have already been taken to meet the provisions of the CERCLA 120 (h)(3). "All remedial action has been taken" means the remedial investigation is completed, and the remedy is installed under a regulatory-approved program that has been demonstrated to EPA to be operating properly and successfully. These parcels are eligible for transfer by deed.</p>
<p>ECP Area Type 5, areas of known contamination with removal and remedial action under way. This area type includes parcels where the presence of sources or releases of hazardous substances is confirmed based on the results of sampling and analysis. By definition, this area type contains contamination above action levels. Additionally, remedial systems are partially or entirely in place, but have not yet been fully demonstrated. According to CERCLA Section 120(h)(3)(C)(ii), these parcels are eligible for transfer by deed with covenant deferral.</p>
<p>ECP Area Type 6, areas of known contamination where required response actions have not yet been implemented. This area type includes parcels where investigation results confirm the presence of sources or releases of hazardous substances and required remedial systems have not yet been selected or implemented. According to CERCLA Section 120(h)(3)(C)(ii), these parcels are eligible for transfer by deed with covenant deferral.</p>
<p>ECP Area Type 7, areas that are unevaluated or that require further evaluation. This area type includes parcels where investigation results indicate that the presence of sources or releases of hazardous substances or petroleum products (including derivatives) is suspected, but the source or release is not well characterized. Parcels in this category have data gaps that require additional physical inspection, site history investigation, and sampling. These parcels are not eligible for transfer by deed.</p>

Notes:

CERCLA = Comprehensive Environmental Response, Compensation, and Liability Act
ECP = Environmental condition of property
EPA = U.S. Environmental Protection Agency

**TABLE 3
SUMMARY OF ENVIRONMENTAL STATUS
PARCEL XV-A
MARE ISLAND, VALLEJO, CALIFORNIA**

Status of Factor Requires a Transfer Disclosure*		CULTURAL and NATURAL RESOURCES (Section 5.1)
NO	YES	
X		Historic Structures
X		Archeological Resources
X		Air Discharges to Atmosphere
X		Wetlands and Sensitive Habitats
X		Flood Plains
X		Groundwater
X		Threatened and Endangered Species
Status of Factor Requires a Transfer Disclosure*		UTILITIES (Section 5.2)
NO	YES	
X		Sanitary Sewer
X		Stormwater Drains
NA		Industrial Waste Treatment System
NA		Fuel Oil Distribution (Abandoned)
X		Natural Gas, Electrical Power
X		Dredge Spoils Pipeline
X		Potable Water, Salt Water
NA		Pure Water
X		Steam Heat (Abandoned)
X		Compressed Air
Status of Factor Requires a Transfer Disclosure*		OTHER ENVIRONMENTAL FACTORS/RESOURCES (Sections 5.3 through 5.16, and 6.0)
NO	YES	
	X	Permits
X		Hazardous Substances/Materials/Waste/Treatment/Spill
	X	Lead-Based Paint
X		Radon
	X	Asbestos
X		Pesticides
	X	PCBs
X		Radioactive Material
	X	Ordnance
	X	Underground Storage Tanks
X		Aboveground Storage Tanks
X		Oil/Water Separators
X		PA/SI Sites
X		RI Sites

* Items identified by an X in the YES column are discussed further in Section 9.0, where a summary of recommended transfer notifications or restrictions is located.

Notes:

- NA Not applicable
- PA/SI Preliminary assessment/site investigation
- PCB Polychlorinated biphenyl
- RI Remedial Investigation

TABLE 4
SUMMARY OF PARCEL ECP AREA TYPE CLASSIFICATIONS
PARCEL XV-A
MARE ISLAND, VALLEJO, CALIFORNIA

Parcel Number	ECP Area Type	Reason for ECP Area Type Other Than 1
01-E	1	NA
01-F	2-4	Petroleum contamination in soil was detected above action levels and corrective action is complete.
01-G	1	NA
01-HA	1	NA
01-J2A	1	NA
01-J3	1	NA
01-J4	1	NA
01-K	3	Lead contamination in soil was detected below action levels.
01-L1A	1	NA
01-L2A	1	NA
01-L3A	1	NA
01-M	1	NA
01-O	2-3	Petroleum contamination in soil was detected above action levels, but corrective action is not deemed necessary
01-P	1	NA
01-Q1	1	NA

Notes:

ECP Environmental condition of property

NA Not applicable

APPENDICES

APPENDIX A
PARCEL REPORTS

MARE ISLAND ENVIRONMENTAL REPORT

Printed: 10/25/00

PARCEL NO: 01-C

BRAC Property Class: 6

North Light Industry - Bldg 627

Parcel Usage

Planned Use Light industry
Current Uses: Used by NISE/Storage
Former Uses: Ordnance storage

Topography/Geology/Soil/Water/Ecological

Flat low lying area at north end of the shipyard; mostly paved over. Bay mud (Qbm)/made land (engineered fill) (Ma)
Estimated Area: 10.8212 Acres Elevation: 9 ft
Ground Water: No known contamination. Archeological: None
Water Level: 5 ft. Water Flow Direction: Northerly Ecological: None

Environmental Summary

Adjacent Parcels: 5 No. of PA/SI/Parcels: 3 Radiological Surveys: 2 Haz Waste Treatment Facilities: 0
Buildings/Sites: 1 Tanks/OWSs: 5 Number of Spills: 4 Historical Resources: 1
Utilities by Parcels: 9 PCB Contaminated Equipm: 0 Haz Waste Accumulation Sites: 1 Lead Paint Survey: 0
IR Sites: 0 Ordnance Locations: 0 Haz Waste Storage Sites: 67 Number of Parcel Closure Items: 30
Radon Survey: 1 Asbestos Sites: 22 Backflow Prevention Items: 1
Closed Buildings: 1 Closed Building Items: 43

Rationale for Initially Assigning BRAC Property Class - 7

Unknown spill on site. Unknown radium release. Unknown UST and AST status. Parcel was used as ordnance storage area. NNPP, G-RAM.

Rationale for Revising BRAC Property Class

Area has been evaluated.

Adjacent Parcel Information

Table with 3 columns: Direction, Adjacent Parcel No., Prop Class. Rows include East (01-J2, 01-J3), North (01-D1) with comments on parcel separations.

Former Mare Island Naval Shipyard EBS Supplement

Parcel No: 01-C

DS.0292.14790

PARCEL NO: 01-C BRAC Property Class: 6 North Light Industry - Bldg 627

Adjacent Parcel Information

Direction	Adjacent Parcel No.	Prop Class	COMMENT
South	01-B	6	Parcels are not separated by a fence.
West	01-A	1	Parcels are separated by a fence.

Building/Site Descriptive Data

Building	Map Quad	Type	Name	Hist. Distr.	Remarks	Year Built	Year Demo	Total SqFt	Bldg Resp	Building Closure Date
809	K-3	D	Ordnance Storehouse Annex			1957	1959		SY	

Building/Site Environmental Data Summary

Building	IR Sites	PA_S1 Sites	HMS (#)	HW AS (Op)	HW AS (Cl)	HW TS	Haz Visual	PCB (Rm)	PCB (IP)	Ord (NR)	Spills (Tot)	ASB (Rd)	UST (Rm)	UST (IP)	AST (Rm)	AST (IP)	OWS (Rm)	OWS (IP)	Lead Paint	NNPP GRAM	Ra-don Srvy	
809																						

Note: (#) = no. of sites/focactions/spills/etc.; (Op) = # open; (Cl) = # closed; (Rm) = # removed; (IP) = # in place and/or suspect; (Tot) - Total # of potential Asbestos sites; (Rd) - # Remediations required of Damaged and Friable asbestos sites; (NR) = Not Released for ordnance

Building/Site Uses/Concerns/BRAC Class Rationale

Building	Current Uses	Former Uses	Remark	Concern/BRAC Rationale
809			Location: East of Bldg. 627 627-A	Also known as Bldg.

Utilities Summary

Identified Utilities	Description	PA/SI No.	IRP No.
DREDGE	16" DREDGE LINE ON EDGE OF PARCEL		
ELECTRICAL			
FRESH WATER			
NATURAL GAS			
SALT WATER	ABANDONED	SWMU-106	
SANITARY SEWER			
STEAM			
STORM SEWER			
TRANSFORMERS	A list of all transformers is available on a separate utility report. Transformers with PCBs are listed on parcel, SEBS, and BCT reports in the PCB Contaminated Equipment table.	SWMU-093	

PARCEL NO: 01-C

BRAC Property Class: 6

North Light Industry - Bldg 627

Preliminary Assessment / Site Inspection Sites

PA/SI No.	CTO No.	Description
SWMU-123		AREAS OF POTENTIAL RADIUM RELEASE
SWMU-106		SANITARY SEWER SYSTEM
SWMU-093		STORM SEWER SYSTEM

Parcel Closure File Information

Check List No.	Def Item No.	Concern Code	Description of Problem	Correction Comment	Prob Corrected	Date of Correction
15	19	31	Batteries	Removed	Yes	10/5/95
11	6	99	Dredge lines	Info only	NA	
12	10	28	Creosote odor near railroad ties		NA	
14	7	99	12 Abandoned 55 gal drums	Removed	Yes	10/5/95
14	8	21	55 gal drum of oil	Removed	Yes	10/2/95
15		7	Spill history		NA	
15	10	99	Building 627 occupied	Info only	NA	
15	11	36	Concrete vaults	Info only	NA	
15	12	31	Compressor	Addressed & resolved	Yes	12/26/95
15	13	31	Material racks	Removed	Yes	12/26/95
15	14	99	Debris	Info only	NA	
15	15	31	Dumpster	Addressed & resolved	Yes	12/26/95
15	16	28	Pipe protruding from ground	Addressed & resolved	Yes	12/26/95
		6	PCB survey	Complete, parcel released	Yes	11/17/95
15	18	99	Pipe laydown area	Info only	NA	
A		27	Subsidence and flood areas	Info only	NA	
15	20	31	Five pallets spooled cable	Removed	Yes	12/26/95
15	22	31	18' X 6' container	Removed	Yes	12/26/95
15	23	99	Wooden crates	Removed	Yes	12/26/95
15	24	99	Sheetmetal laydown	Info only	NA	
15	25	99	Scrap iron	Removed	Yes	12/26/95
15	26	31	Electric cable	No action required	Yes	12/26/95
15	9	99	Building 627 occupied	Info only	NA	
6	1	3	2,000 gallon air tank	Removed	Yes	12/26/95
6	2	3	1,000 gallon AST, waste oil	Addressed & resolved	Yes	12/26/95
6	21	3	One AST, two UST's building 627	UST's to be filled in place	Yes	12/26/95
8	3	6	RA-129, 131, no leaks	Info only	NA	

MARE ISLAND ENVIRONMENTAL REPORT

Printed: 10/25/00

PARCEL NO: 01-C BRAC Property Class: 6 North Light Industry - Bldg 627

Parcel Closure File Information

Check List No.	Def Item No.	Concern Code	Description of Problem	Correction Comment	Prob Corrected	Date of Correction
8	4	6	Transformer, no leaks	Info only	NA	
9		21	HAZMAT storage		NA	
15	17	31	Trailer	Info only	NA	

MARE ISLAND ENVIRONMENTAL REPORT

Printed: 10/25/00

PARCEL NO: 01-D1 **BRAC Property Class: 6** **North Light Industry - Bldg 629**

Parcel Usage

Planned Use Light industry
Current Uses: Used by NISE storage/Shop area.
Former Uses: Heavy material storage

Topography/Geology/Soil/Water/Ecological

Flat low lying area at north end of the shipyard; mostly paved over. Bay mud (Qbm)/made land (engineered fill) (Ma).
Estimated Area: 6.3074 Acres **Elevation:** 9 ft
Ground Water: Parcel 01-D2 to the north has ground water contamination. With northerly flow, this parcel is not affected. **Archeological:** None
Water Level: 5 ft. **Water Flow Direction:** Northerly **Ecological:** None

Environmental Summary

Adjacent Parcels:	5	No. of PA/SIParcels:	2	Radiological Surveys:	2	Haz Waste Treatment Facilities:	0
Buildings/Sites:	1	Tanks/OWSS:	0	Number of Spills:	1	Historical Resources:	2
Utilities by Parcels:	6	PCB Contaminated Equipm:	0	Haz Waste Accumulation Sites:	0	Lead Paint Survey:	0
IR Sites:	0	Ordnance Locations:	0	Haz Waste Storage Sites:	104	Number of Parcel Closure Items:	12
Radon Survey:	1	Asbestos Sites:	3	Backflow Prevention Items:	1		
Closed Buildings:	1	Closed Building Items:	29				

Rationale for Initially Assigning BRAC Property Class - 7

Building 629: G-RAM and NNPP.

Rationale for Revising BRAC Property Class

Area has been evaluated.

Adjacent Parcel Information

Direction	Adjacent Parcel No.	Prop Class	COMMENT
East	01-J3	1	Parcels are separated by Cedar Avenue.
North	01-D2	6	Potential lead contamination in soils. Parcels are not separated by physical barriers.

Former Mare Island Naval Shipyard EBS Supplement

Parcel No: 01-D1

DS.0292.14790

PARCEL NO: 01-D1 BRAC Property Class: 6 North Light Industry - Bldg 629

PA/SI No.	CTO No.	Description
SWMU-106		SANITARY SEWER SYSTEM
SWMU-093		STORM SEWER SYSTEM

PCB Contaminated Equipment

Building	Equipment Type	Equipment No.	Relative Location	PCB Code	PCB Level	Volume (gal.)	Status	Leaker
629	Transformer	T-0707	Railroad Ave; Lumber Yard	R	320	85	Removed	N

Note: Transformers, Circuit Breakers, and Rocker Arms only.

PCB Code: "<" - PCB level is less than (usually 1); "=" - PCB level has been verified by sampling; ">" - PCB level is greater than (usually 500); "?" - PCB level is not verified (usually refers to zero level); "R" - PCB level indicated before Removal/Replacement/Refilling of original unit

NNPP and G-RAM Survey Locations

Building	NNPN	G-RAM	NNPP Remarks	G-RAM Remarks	Navy Released?	Agency Concurred?
629	N	G		Bldg and yard.	Yes	No

Facilities/areas designated as "N" or "G" required radiological surveys, based on their history of use, to document the absence of radioactivity. Facilities/areas designated as "(N)" or "(G)" have no history of radiological usage, but are being surveyed as an added measure of protection.

Spill History

Building	HWCN	Direction	Relative Location	Substance	Quantity	Date	Released To	Comments
629		N		Hydraulic Fluid	10gal	3/16/95	asphalt	Hydraulic hose on carting truck ruptured and spilled fluid on asphalt. (No leakage to storm drain.)

Hazardous Material Storage Sites

Building	MSDS No.	Code	Location	Description	Quantity
629	M/00221-07251	400-18	BAY B11	VV-L-820 LUBRICATING OIL, GENERAL PURPOSE	0.64 LB
	M/00221-10008	400-18	BAY B11	MULTI-SERVICE 80W-90	5.12 LB
	M/00221-10006	400-17	N, COL B10	SNOW ROOF	320 LB
	M/00221-10165	400-17	N, COL B10	WELDWOOD CONTACT CEMENT (REG)	10.24 LB
	M/00221-01002	400-18	BAY B11	CUT AID, 1, 1, 1, -TRICHLOROETHANE	5.12 LB
	M/00221-01070	400-18	BAY B11	'SPEEDIP' CLEANER, SILVER, LIQUID	1.12 LB
	M/00221-02388	400-18	BAY B11	HUMISEAL 1B12	5.12 LB
	M/00221-02753	400-18	BAY B11	LIQUID WRENCH	1.28 LB
	M/00221-02784	400-18	BAY B11	SEALANT THREAD LOCTITE GRADE-AVV, #86	0.64 LB
	M/00221-02918	400-18	BAY B11	MEGIJAR'S MIRROR GLAZE MGH-10	2.56 LB
	M/00221-03927	400-18	BAY B11	VELCRO 45	0.08 LB
	M/00221-08382	400-17	N, COL B10	V.M. & P. NAPHTHA	2.56 LB
	M/00221-06524	400-18	BAY B11	PERMATEX FORM-A-GASKET NO.2 SEALANT	5.28 LB

PARCEL NO: 01-D1

BRAC Property Class: 6

North Light Industry - Bldg 629

Hazardous Material Storage Sites

Building	MSDS No.	Code	Location	Description	Quantity
	M/00221-04890	400-17	N, COL B10	PREVAL POWER UNIT (PAINT SPRAYER)	1.34 LB
	M/00221-07672	400-18	BAY B11	MOBILGREASE 28 (HIGH PERFORMANCE BALL & STAY CLEAN LIQUID FLUX	5 LB
	M/00221-07984	400-18	BAY B11		
	M/00221-08390	400-18	BAY B11	EZ WELD INDUSTRIAL GRADE PVC SOLVENT CEM	2.56 LB
	M/00221-08518	400-18	BAY B11	7 COMPOUND,SILICONE COMPOUND	0.64 LB
	M/00221-08949	400-18	BAY B11	R100L/CRAMOLIN RED LIQUID	1.28 LB
	M/00221-09854	400-18	BAY B11	SILICONE GREASE COMPOUND G624	0.96 LB
	M/00221-09866	400-18	BAY B11	LUBE OIL GEAR 586M/5866	2.56 LB
	M/00221-09947	400-18	BAY B11	ADHESIVE X-822	64 LB
	M/00221-09989	400-18	BAY B11	DURABOND SPACKLING PUTTY PASTE RIU	1.28 LB
	M/00221-09999	400-18	BAY B11	POLYSULFIDE EPOXY GC-408 CLASS B	0.64 LB
	M/00221-07254	400-11	NE,COL A3	VV-L-825 TYPE II (CALVIS 300)	1 LB
	M/00221-04431	400-18	BAY B11	LED-PLATE NO. 250	20.48 LB
	M/00221-10000	400-12	NE, COL A3	SNOWITE FLEX AUTOBODY FILLER	5 LB
	M/00221-07593	400-11	NE,COL A3	COMPROIL II	60 LB
	M/00221-09464	400-11	NE,COL A3	ROYCO 27 GREASE AIR/INST	64 LB
	M/00221-09829	400-11	NE,COL A3	VEEDOL ATURBRIO 67	7.04 LB
	M/00221-09847	400-11	NE,COL A3	VV-G-632A PRODUCT 2950 GREASE	320 LB
	M/00221-09866	400-11	NE,COL A3	LUBE OIL GEAR 586M/5866	78.08 LB
	M/00221-00199	400-12	NE, COL A3	HUMISEAL 1B31	320 LB
	M/00221-02368	400-12	NE, COL A3	HUMISEAL 1B12	7.68 LB
	M/00221-02986	400-12	NE, COL A3	ALIPHATIC ISOCYANATE MIL-C-85285B,24052,	5.12 LB
	M/00221-07251	400-12	NE, COL A3	VV-L-820 LUBRICATING OIL,GENERAL PURPOSE	10 LB
	M/00221-07672	400-12	NE, COL A3	MOBILGREASE 28 (HIGH PERFORMANCE BALL & CLEAR PVC SOLVENT CEMENT	9.6 LB
	M/00221-09756	400-17	N, COL B10	SEALING COMPOUND GC 1300	50 LB
	M/00221-09855	400-12	NE, COL A3	MOLY-GRAPH EXTREME PRESSURE MULTI-PURPOS	0.64 LB
	M/00221-10079	400-18	BAY B11	'SPEEDIP' CLEANER, SILVER, LIQUID	35.84 LB
	M/00221-01070	400-13	COL A2	SCOTCHKOTE BRAND ELECTRICAL COATING	5 LB
	M/00221-08052	400-13	COL A2	LINDRIDE 2 (METHYL TETRAHYDROPHTHALIC AN	3.2 LB
	M/00221-08942	400-13	COL A2	10-8109 SILICONE HEAT SINK	148.64 LB
	M/00221-09853	400-13	COL A2	AOS HEAT SINK COMPOUND	5.12 LB
	M/00221-09982	400-13	COL A2	TC 3047 PART A (RESIN KIT)	0.32 LB
	M/00221-10019	400-13	COL A2	TC 3047 PART B (RESIN KIT)	1.28 LB
	M/00221-10020	400-13	COL A2		9 LB

MARE ISLAND ENVIRONMENTAL REPORT

Printed: 10/25/00

PARCEL NO: 01-D1

BRAC Property Class: 6

North Light Industry - Bldg 629

Hazardous Material Storage Sites

Building	MSDS No.	Code	Location	Description	Quantity
	M/00221-00123	400-14	NE, COL A2	RUST PREP 93021	20.48 LB
	M/00221-08052	400-14	NE, COL A2	SCOTCHKOTE BRAND ELECTRICAL COATING	16.8 LB
	M/00221-09849	400-14	NE, COL A2	732 MULTI-PURPOSE SEALANT CLEAR	131.84 LB
	M/00221-07791	400-15	NE, COL A2	P-D-1747,CLEANER,ALL PURPOSE	137.28 LB
	M/00221-08518	400-12	NE, COL A3	7 COMPOUND,SILICONE COMPOUND	15.36 LB
	M/00221-10021	520-22	BAY D9	CONDUCTIVE ACRYLIC 1 PAINT 73-00025/73-0	0.16 LB
	M/00221-10007	400-18	BAY B11	SOLVENT 1.1.1. TRICHLOROETHANE	5.12 LB
	M/00221-10230	460-21	BAY D14	1647 SOLVENT	2.56 LB
	M/00221-10242	460-21	BAY D14	PERMATEX SILICONE FORM-A-GASKET RTV BLUE	0.48 LB
	M/00221-10250	460-21	BAY D14	GE SILICONES G635	3.84 LB
	M/00221-10252	460-21	BAY D14	00072 JET PAK REFILLS	16.32 LB
	M/00221-03098	520-20	BAY A18	AEROSOL SPRAY PAINTS, LEAD FREE COLORS	19.2 LB
	M/00221-06778	520-20	BAY A18	PLIOBOND 20	64 LB
	M/00221-10077	520-20	BAY A18	2402 YELLOW TRAF MARK PT	64 LB
	M/00221-10078	520-20	BAY A18	2601 YELLOW LATEX TRAF MARK PT	64 LB
	M/00221-02753	520-22	BAY D9	LIQUID WRENCH	5.12 LB
	M/00221-10228	460-21	BAY D14	PAINT THINNER	64 LB
	M/00221-10003	520-22	BAY D9	2 INDUSTRIAL STRENGTH LUBE	1.76 LB
	M/00221-10226	460-21	BAY D14	ANTI-STATIC PLASTIC POLISH	2.56 LB
	M/00221-10508	520-22	BAY D9	CONDUCTIVE ADHESIVE CS-721 72-00002	10.24 LB
	M/00221-09447	520-23	BAY #D-4	ISOPROPANOL 99%	320 LB
	M/00221-10152	520-23	BAY #D-4	S/G URETHANE ACRYLIC 24052	64 LB
	M/00221-10154	520-23	BAY #D-4	18-005 N75 ACTIVATOR ACRYLIC URETHANE 50	2.56 LB
	M/00221-09946	520-24	BAY D3	VV-G-632A AM 1 GRADE 1	6.4 LB
	M/00221-10010	520-24	BAY D3	ENGINE BRITE HEAVY DUTY CLEANER	5.12 LB
	M/00221-03600	520-26	INSIDE C/520 CAGE	ETHYL ALCOHOL	64 LB
	M/00221-09998	520-26	INSIDE C/520 CAGE	RUSTMASTER GLOSS ENAMEL WHITE	1.28 LB
	M/00221-10151	520-26	INSIDE C/520 CAGE	CARQUEST DOT 3 BRAKE FLUID	128 LB
	M/00221-08686	520-27	IN CODE 520 CAGE	MMM-A-121	512 LB
	M/00221-10021	520-27	IN CODE 520 CAGE	CONDUCTIVE ACRYLIC 1 PAINT 73-00025/73-0	32.32 LB
	M/00221-08331	520-22	BAY D9	MA-412 ADHESIVE	2496 LB
	M/00221-06040	460-21	BAY D14	K-62 BLACK	3.84 LB
	M/00221-10421	400-18	BAY B11	MIL-L-2105C AM 2 GRADE 80W/90	5.12 LB
	M/00221-01070	460-21	BAY D14	'SPEEDIP' CLEANER, SILVER, LIQUID	39.68 LB

PARCEL NO: 01-D1 BRAC Property Class: 6 North Light Industry - Bldg 629

Hazardous Material Storage Sites

Building	MSDS No.	Code	Location	Description	Quantity
	M/00221-01074	460-21	BAY D14	SPRAY 66	64 LB
	M/00221-01092	460-21	BAY D14	DATAKOAAT #04177 & #04178	9.6 LB
	M/00221-01223	460-21	BAY D14	CRT CLEANER AEROSOL #93160	3.04 LB
	M/00221-01626	460-21	BAY D14	PREP-SOL SOLVENT 39195(4/19/76)	64 LB
	M/00221-02525	460-21	BAY D14	JIFF-ACTION; 10-630, 632, 634, 636	5.12 LB
	M/00221-03168	460-21	BAY D14	OPEX PRODUCTION LACQUER, NON-LEAD COLORS	64 LB
	M/00221-03666	460-21	BAY D14	SILI-SPRAY 10-600	2.88 LB
	M/00221-04643	460-21	BAY D14	A-100 FLAT LATEX HOUSE & TRIM PAINT A6 S	64 LB
	M/00221-10229	460-21	BAY D14	TYPE 1B73	9.6 LB
	M/00221-05274	460-21	BAY D14	LPS ELECTRO CONTACT CLEANER	64 LB
	M/00221-10141	520-27	IN CODE 520 CAGE	AUTOBODY FILLERS	256 LB
	M/00221-06635	460-21	BAY D14	DEX-O-TEX P-61 TERRAZZO MIX	8.64 LB
	M/00221-08388	460-21	BAY D14	ENAMEL-VOC COMPLYING, NON-LEAD COLORS	448 LB
	M/00221-08770	460-21	BAY D14	AEROSOL COATINGS 140-XXXX SERIES	36.96 LB
	M/00221-09157	460-21	BAY D14	FILTRON CLAY PRODUCTS-GRADE DESSICITE #2	64 LB
	M/00221-10004	460-21	BAY D14	RUST PROOF ENAMELS	11.52 LB
	M/00221-10007	460-21	BAY D14	SOLVENT 1.1.1. TRICHLOROETHANE	64 LB
	M/00221-10015	460-21	BAY D14	ORGANIC SOLVENTS EN16	48 LB
	M/00221-10215	460-21	BAY D14	MASTER STR FLO 2417, 2418	1.76 LB
	M/00221-10223	460-21	BAY D14	F126 (DOD-E-24607) CHLORONATED ALKYD ENA	2.56 LB
	M/00221-10224	460-21	BAY D14	LOCK-EASE LE-4 & LE-18	0.48 LB
	M/00221-10225	460-21	BAY D14	BRASS & COPPER POLISH	128 LB
	M/00221-04690	460-21	BAY D14	PREVAL POWER UNIT (PAINT SPRAYER)	3.36 LB

Radon Survey / Assessment Summary

Building	RSS Reading	RSS Detector	RAS Test Results	RAS No. of Detectors	Notes
629			0.3/0.2	8	

Asbestos Survey Summary

Building	Homo Area	ACM	Description	Location	Qty	Rating	Fri-Cond-able	% Dam-age	Recommended Action	Comments	Status
629	H-4	A	Sheet Flooring, White W/Grey Specks	Room 103	480 sf	PD-5	Non	0	O&M		N

PARCEL NO: 01-D1

BRAC Property Class: 6

North Light Industry - Bldg 629

Asbestos Survey Summary

Building	Homo Area	ACM	Description	Location	Qty	Rating	Fri-able	Con-dition	% Dam-age	Recommended Action	Comments	Status
629	H-5	A	Transite Shingles, Vertical Siding	Roof	2000 sf	D-9	Non	D	1	O&M	Shingles had broken corners.	N
629	H-6	A	Roofing, Tar And Gravel W/Silver Paint	Roof	64000 sf	PD-6	Non	ND	0	O&M		N

Legend: ACM: Y = Yes by sample, N = None by sample, A = Yes by visual inspection Condition: SD = Significantly Damaged, D = Damaged, PD = Potential for Damage, ND = No Damage
 Qty: SF = Square Feet, LF = Linear Feet Recommended Action: OM = Operation Maintenance Status: R = Remediation Required, C = Remediation Completed, N = No Work, Sat. as it.

Backflow Prevention and Cross-Connection Survey

Building	Location	Potential Hazard or Comment	Corrective Action or Comment	Degree of Hazard
629		No deficiencies found.		

Note: The Backflow Prevention and Cross-Connection Survey Report information is a listing of what buildings or locations have Backflow Preventors in the drinking water system throughout Mare Island. The report also lists any potential hazards or comments concerning potential hazards and the correcting actions or comments. Also listed is the degree of hazard for each preventor. For further information see the actual Backflow Prevention and Cross-Connection Survey Report.

Building Closure File Information

Building	Check List No.	Def Item No.	Concern Code	Description of Problem	Correction Comment	Prob Corrected	Date of Correction
629	7	9	41	Exposed Wire in Conduit	Taped over Wire	Yes	4/10/95
629	6b2	4	6	Oil Contaminated Equipment	PCB within limit and Bldg. Released	Yes	9/21/95
629	7	3	6	Can of Grease	1pt. can of Grease Removed	Yes	4/10/95
629	7	18	6	Oil Stain	PCB Survey Comp. Within limit and no action required	Yes	10/3/95
629	3i	20	22	MATRIX Indicates HAZMAT Stored	No HAZMAT Stored at Present	Yes	10/30/95
629	39	28	28	Falling Window Pane	Repaired and Boarded Window	Yes	4/10/95
629	3i	28	28	Flammable Storage Locker	Info. Only		
629	7	1	28	Debris	Info. Only		
629	7	7	28	Wire/Cable on Floor	Info. Only		
629	7	22	29	Chipping Wall Paint	Info. Only		
629	5a	30	30	Asbestos Survey Required	Survey complete, Remediation complete Bldg. free	No	
629	3i	34	34	Signs that Indicate HAZMAT Present	Removed Signs	Yes	10/3/95
629	1	23,24	37	NAVALEX Storage Container and Radartailer	Info. Only	Yes	4/10/95
629	3a	2	2	PA/SI Site	Info. Only		
629	7	6	41	Bare Electrical Wire	Taped Wires	Yes	4/10/95

PARCEL NO: 01-D1 BRAC Property Class: 6 North Light Industry - Bldg 629

Building Closure File Information

Building	Check List No.	Def Item No.	Concern Code	Description of Problem	Correction Comment	Prob Corrected	Date of Correction
629	7	25	99	Fiberglass Insulated Pipes	Info. Only.		
629	7	12	41	Ground Wire not Connected	Reconnected Ground Cable	Yes	4/10/95
629	7	16	41	Missing Conduit Cover	Taped over Conduit	Yes	3/29/95
629	3g	10	43	Window	Repaired and Boarded Window	Yes	4/10/95
629	3g	14	43	Board on Window	Repaired and Boarded Window	Yes	4/10/95
629	7	2	43	Waterheater	Info. Only		
629	7	5	43	Leaking Roof	Repaired Roof as needed	Yes	4/10/95
629	7	8	43	Fire Pipe Leaking	Valve Leaking - Valve Secured	Yes	4/10/95
629	7	13	43	Hole in Breaker Panel	Covered Hole with Metal Plug	Yes	4/10/95
629	7	15	43	Floor not Secured	Info. Only		
629	7	19	43	Window Pane Missing	Repaired and Boarded Window	Yes	4/10/95
629	7	11	99	Abandoned Absorbent	Info. Only		
629	7	21	99	Vegetation	Info. Only		
629	7	17	38	Open Electrical Equip.	Installed Covers	Yes	3/29/95

Parcel Closure File Information

Check List No.	Def Item No.	Concern Code	Description of Problem	Correction Comment	Prob Corrected	Date of Correction
8	1	6	Transformer T-1955, no leaks	Info only	NA	
15	9	99	Pipe laydown area	Info only	NA	
15	8	99	Laydown area	Info only	NA	
15	7	36	Concrete vault	Info only	NA	
15	6	99	Wood debris	Info only	NA	
15	5	21	Empty HAZMAT storage locker	Info only	NA	
15	4	21	Pallets of asphalt in cans	PWC material	Yes	12/1/95
15	3	31	Large container	PWC property	Yes	12/1/95
15	12	31	Trailer	Removed	Yes	12/1/95
15	11	99	Debris	Removed	Yes	9/27/95
15	10	3	AST, portable 500 gallon	Removed	Yes	9/20/95
14	2	21	Can of lube oil	Removed	Yes	9/27/95

MARE ISLAND ENVIRONMENTAL REPORT

Printed: 10/25/00

PARCEL NO: 01-D2

BRAC Property Class: 6

North Light Industry - Open Storage

Parcel Usage

Planned Use Light industry
Current Uses: Storage area
Former Uses: Storage area

Topography/Geology/Soil/Water/Ecological

Flat low lying area at north end of the shipyard; mostly paved over. Bay mud (Qbm)/made land (engineered fill) (Ma).

Estimated Area: 9.2733 Acres Elevation: 7 ft

Ground Water: Contamination at IR08.

Archeological: None

Water Level: 2.5 ft.

Water Flow Direction: Northerly

Ecological: None

Environmental Summary

Adjacent Parcels: 4
Buildings/Sites: 1
Utilities by Parcels: 2
IR Sites: 1
Radon Survey: 0
Closed Buildings: 0

No. of PA/SIParcels: 2
Tanks/OWSs: 0
PCB Contaminated Equipm: 0
Ordnance Locations: 0
Asbestos Sites: 0
Closed Building Items: 0

Radiological Surveys: 1
Number of Spills: 0
Haz Waste Accumulation Sites: 0
Haz Waste Storage Sites: 0
Backflow Prevention Items: 0

Haz Waste Treatment Facilities: 0
Historical Resources: 1
Lead Paint Survey: 0
Number of Parcel Closure Items: 8

Rationale for Initially Assigning BRAC Property Class - 7

This area was used for battery storage. Surface soils are stained from lead oxide and ground water contamination is present at IR08.

Rationale for Revising BRAC Property Class

Area has been evaluated.

Adjacent Parcel Information

Table with columns: Direction, Adjacent Parcel No., Prop Class, Comment. Rows for East, North, South directions.

Former Mare Island Naval Shipyard EBS Supplement

Parcel No: 01-D2

DS.0292.14790

PARCEL NO: 01-D2 BRAC Property Class: 6 North Light Industry - Open Storage

Adjacent Parcel Information

Direction	Adjacent Parcel No.	Prop Class	COMMENT
West	17-C	6	Parcels are not separated by physical barriers.

Building/Site Descriptive Data

Building	Map Quad	Type	Name	Hist. Distr.	Remarks	Year Built	Year Demo	Total SqFt	Bldg Resp	Building Closure Date
XSITE01	K-3	N	Pa/Si Site Cross Tie For Parcel With No Bldgs		No such building. Site holer for PA/SI bldg. cross-reference				SY	

Building/Site Environmental Data Summary

Building	IR Sites	PA_SI Sites	HMS (#)	HW AS (Op)	HW AS (Cl)	HW TS	Haz Vis-ual	PCB (Rm)	PCB (IP)	Ord (NR)	Spills	ASB (Tot)	ASB (Rd)	UST (Rm)	UST (IP)	AST (Rm)	AST (IP)	OWS (Rm)	OWS (IP)	Lead Paint	NNPP	GRAM	Ra-don Srvy	
XSITE01																								G

Note: (#) = no. of sites/locations/spills/etc.; (Op) = # open; (Cl) = # closed; (Rm) = # removed; (IP) = # in place and/or suspect; (Tot) - Total # of potential Asbestos sites; (Rd) - # Remediations required of Damaged and Friable asbestos sites; (NR) = Not Released for ordnance

Building/Site Uses/Concerns/BRAC Class Rationale

Building	Current Uses	Former Uses	Remark	Concern/BRAC Rationale
XSITE01				

Utilities Summary

Identified Utilities	Description	PA/SI No.	IRP No.
SALT WATER	ABANDONED		
STORM SEWER	ONE STORM SEWER LINE CROSSES THE PARCEL		SWMU-093

Installation Restoration Program Sites

IR No.	Name	Status	Relative Location	General Area / Building	Substances
08	Battery Storage Area	Declared	North of building 629	629	Lead oxide

Preliminary Assessment / Site Inspection Sites

PA/SI No.	CTO No.	Description
SWMU-093		STORM SEWER SYSTEM

PARCEL NO: 01-D2 **BRAC Property Class: 6** **North Light Industry - Open Storage**

Preliminary Assessment / Site Inspection Sites

PA/SI No.	CTO No.	Description
SWMU-028	BATTERY STORAGE AREA	

NNPP and G-RAM Survey Locations

Building	NNPN	G-RAM	NNPP Remarks	G-RAM Remarks	Navy Released?	Agency Concurred?
XSITE01		G		Yard north of building 629	Yes	No

Facilities/areas designated as "N" or "G" required radiological surveys, based on their history of use, to document the absence of radioactivity. Facilities/areas designated as "(N)" or "(G)" have no history of radiological usage, but are being surveyed as an added measure of protection.

Parcel Closure File Information

Check List No.	Def Item No.	Concern Code	Description of Problem	Correction Comment	Prob Corrected	Date of Correction
A						
2						
15	6	31	Storage area w/ copper pipes	Info only	NA	
15	5	36	Uncovered water main vault	Cleared	Yes	2/23/96
15	4	31	Temporary shelter w/ four bags of absorbent	Info only	NA	
15	3	31	4" petroleum transfer hose	Removed	Yes	11/15/95
15	2	28	Deteriorated wooden framework	Removed	Yes	4/21/95
15	1	1	Subsidence and flood areas	Info only	NA	

MARE ISLAND ENVIRONMENTAL REPORT

Printed: 10/25/00

PARCEL NO: 01-E BRAC Property Class: 1

North Light Industry - Bldg 991

Parcel Usage

Planned Use North Light Industry

Current Uses: Enlisted Men's Club and Parking

Former Uses: Lumber storage area.

Topography/Geology/Soil/Water/Ecological

Flat, level, parking. Geology: Bay mud (Qbm)/Made land (Engineered fill) (Ma).

Estimated Area: 5.2069 Acres **Elevation:** 15 ft

Ground Water: None

Archeological: None

Water Level: 5.4 ft. **Water Flow Direction:** Northeast

Ecological: None

Environmental Summary

Adjacent Parcels: 4
 Buildings/Sites: 1
 Utilities by Parcels: 6
 IR Sites: 0
 Radon Survey: 1
 Closed Buildings: 1

No. of PA/SIParcel: 2
 Tanks/OWSs: 0
 PCB Contaminated Equipm: 0
 Ordnance Locations: 0
 Asbestos Sites: 15
 Closed Building Items: 13

Radiological Surveys: 0
 Number of Spills: 0
 Haz Waste Accumulation Sites: 0
 Haz Waste Storage Sites: 0
 Backflow Prevention Items: 2

Haz Waste Treatment Facilities: 0
 Historical Resources: 1
 Lead Paint Survey: 0
 Number of Parcel Closure Items: 1

Rationale for Initially Assigning BRAC Property Class - 7

Potential hazardous material storage; man made landfill. Concern for proximity to nearby IR site and incomplete groundwater information.

Rationale for Revising BRAC Property Class

Area has been evaluated and contamination does not affect the parcel.

Adjacent Parcel Information

Direction	Adjacent Parcel No.	Prop Class	COMMENT
East	01-F	2-4	Parcels are separated by a driveway/parking lot
North	01-G	1	Parcels are separated by a parking lot.
South	02-D3	6	Parcels are separated by "G" street.

PARCEL NO: 01-E BRAC Property Class: 1 North Light Industry - Bldg 991

Adjacent Parcel Information

Direction	Adjacent Parcel No.	Prop Class	COMMENT
West	17-C	6	Wetlands area (old dredge ponds). Parcels are separated by Cedar Avenue.

Building/Site Descriptive Data

Building	Map Quad	Type	Name	Hist. Distr.	Remarks	Year Built	Year Demo	Total SqFt	Bldg Resp	Building Closure Date
991	I-2	P	Enlisted Men's Club			1974		14,616	SY	9/7/95
HARBOR			Harbor		HARBOR is being added per notes on C/105 G-RAM & N-RAM dbase					

Building/Site Environmental Data Summary

Building	IR Sites	PA_SI Sites	HMS (#)	HW AS (Op)	HW AS (Cl)	HW TS	Haz Vis-ual	PCB (Rm)	PCB (IP)	PCB Ord (NR)	Spills	ASB (Tot)	ASB (Rd)	UST (Rm)	UST (IP)	AST (Rm)	AST (IP)	OWS (Rm)	OWS (IP)	Lead Paint	NNPP GRAM	Ra-don Srvy		
991							4	1				15											Y	
HARBOR																							N	G

Note: (#) = no. of sites/locations/spills/etc.; (Op) = # open; (Cl) = # closed; (Rm) = # removed; (IP) = # in place and/or suspect; (Tot) - Total # of potential Asbestos sites; (Rd) - # Remediations required of Damaged and Friable asbestos sites; (NR) = Not Released for ordnance

Building/Site Uses/Concerns/BRAC Class Rationale

Building	Current Uses	Former Uses	Remark	Concern/BRAC Rationale
HARBOR	Enlisted Men's Club.	None identified.	Location: East of Cedar Ave., north of G Street	Property has stored hazardous material or generated hazardous wastes and is not suspected of or confirmed as having a release.

Utilities Summary

Identified Utilities	Description	PA/SI No.	IRP No.
ELECTRICAL			
FRESH WATER			
NATURAL GAS	1.25" GAS TO NE CORNER OF 991, FROM 2" E OF 897, FROM 4" WALNUT AVE LINE		
SANITARY SEWER			SWMU-106
STORM SEWER	6" DRAINS SOUTH OF BLDG 991 TO 15" CMP TO 15" CMP ALONG "G" ST, NORTH PARKING DRAINAGE TO WALNUT AVE 4" C.I. TO (SE 991 (SEWER))		SWMU-093

PARCEL NO: 01-E BRAC Property Class: 1 North Light Industry - Bldg 991

Utilities Summary

Identified Utilities	Description	PA/SI No.	IRP No.
TRANSFORMERS	A list of all transformers is available on a separate utility report. Transformers with PCBs are listed on parcel, SEBS, and BCT reports in the PCB Contaminated Equipment table.		

Preliminary Assessment / Site Inspection Sites

PA/SI No.	CTO No.	Description
SWMU-106		SANITARY SEWER SYSTEM
SWMU-093		STORM SEWER SYSTEM

PCB Contaminated Equipment

Building	Equipment Type	Equipment No.	Relative Location	PCB		Leaker
				Code	Level (gal.)	
991	Transformer	T-0079	Causeway St; Outside	R	500	90

Note: Transformers, Circuit Breakers, and Rocker Arms only.

PCB Code: "<" - PCB level is less than (usually 1); "=" - PCB level has been verified by sampling; ">" - PCB level is greater than (usually 500); "?" - PCB level is not verified (usually refers to zero level); "R" - PCB level indicated before Removal/Replacement/Refilling of original unit

NNPP and G-RAM Survey Locations

Building	NNPP	G-RAM	NNPP Remarks	G-RAM Remarks	Navy Released?	Agency Concurred?
HARBOR	N	G	Harbor	Harbor	Yes	Yes

Facilities/areas designated as "N" or "G" required radiological surveys, based on their history of use, to document the absence of radioactivity. Facilities/areas designated as "(N)" or "(G)" have no history of radiological usage, but are being surveyed as an added measure of protection.

Radon Survey / Assessment Summary

Building	RSS Reading	RSS Detector	RAS Test Results	RAS No. of Detectors	Notes
991			1.2/0.6	17	

Asbestos Survey Summary

Building	Homo Area	ACM	Description	Location	Qty	Rating	Friable	Condition	% Damage	Recommended Action	Comments	Status
991	H-3	A	Grout, Brown 1" Mosaic Tile	Room 103, 123	476 sf	D-7	Non	D	1	O&M	Grout was missing.	N
991	H-4	A	Sheet Flooring, Brown Aggregate Pattern	Room 106, 121, 122	396 sf	D-7	Non	D	3	O&M	Flooring was torn, cracked and loose.	N
991	H-5	A	Fire Door	Room 102, 106, 109, 110, 111, 114, 115, 119, 121, 125, 126	252 sf	PD-6	Non	ND	0	O&M	There were 16 fire doors.	N

PARCEL NO: 01-E BRAC Property Class: 1 North Light Industry - Bldg 991

Asbestos Survey Summary

Building	Homo Area	ACM	Description	Location	Qty	Rating	Fri-able	Condi-tion	% Dam-age	Recommended Action	Comments	Status
991	H-6	A	Floor Tile W/Mastic, Wood Parquet	Room 106	650 sf	SD-11	Non	SD	50	O&M	Mastic exposed due to numerous missing wood tiles.	N
991	H-7	A	Mortar, Z-Brick	Room 109, 123	236 sf	PD-5	Non	ND	0	O&M	Grout was missing from broken and missing tiles.	N
991	H-9	A	Grout, Brown 12" Clay Tile	Room 112, 114, 116, 119	2189 sf	D-8	Non	D	2	O&M	Coving in Room 113 was loose missing or torn exposing mastic.	N
991	H-10	A	Coving Mastic, 6" Brown	Room 113, 126	32 sf	SD-11	Non	SD	60	O&M	Coving was loose and cracked exposing mastic.	N
991	H-11	A	Coving Mastic, 4" Black	Room 104, 106, 110, 112, 115, 117, 120	91 sf	D-8	Non	D	1	O&M	Floor tile had cracks.	N
991	H-12	A	Floor Tile, 12" White And Brown	Room 116	64 sf	D-8	Non	D	1	O&M	Coving was loose, chipped and cracked.	N
991	H-14	A	Coving Mastic, 3" Black	Room 121	9 sf	D-8	Non	D	4	O&M	Mirror tiles were chipped and cracked, exposing mastic.	N
991	H-15	A	Mortar, Basaltite Block	Room 123	90 sf	PD-5	Non	ND	0	O&M	Rooms 101 and 122 had leaking roofs.	N
991	H-18	A	Mastic, 12" Mirror Tiles	Room 122	144 sf	D-8	Non	D	1	O&M		N
991	H-19	Y	Undercoating, Sink White	Room 123	4 sf	PD-5	Non	ND	0	O&M		N
991	H-22	A	Roofing, Tar And Gravel	Roof	18240 sf	D-10	Non	D	2	O&M		N

Legend: ACM: Y = Yes by sample, N = None by sample, A = Yes by visual inspection Condition: SD = Significantly Damaged, D = Damaged, PD = Potential for Damage, ND = No Damage
 Qty: SF = Square Feet, LF = Linear Feet Recommended Action: OM = Operation Maintenance Status: R = Remediation Required, C = Remediation Completed, N = No Work, Sat.

Backflow Prevention and Cross-Connection Survey

Building	Location	Potential Hazard or Comment	Corrective Action or Comment	Degree of Hazard
991	Outside, E	PVB installed for protecting water to irrigation system.	Inadequate protection. Install DCVA.	Low
991	Boiler Rm	Makeup water for building heating boiler with DCVA for protection. DCVA 9' overhead.	Inadequate protection. Install RPBA. Relocate BFP per UPC requirements. See Note 2.	High

Note: The Backflow Prevention and Cross-Connection Survey Report information is a listing of what buildings or locations have Backflow Preventors in the drinking water system throughout Mare Island. The report also lists any potential hazards or comments concerning potential hazards and the correcting actions or comments. Also listed is the degree of hazard for each preventor. For further information see the actual Backflow Prevention and Cross-Connection Survey Report.

Building Closure File Information

Building	Check List No.	Def Item No.	Concern Code	Description of Problem	Correction Comment	Prob Corrected	Date of Correction
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MARE ISLAND ENVIRONMENTAL REPORT

Printed: 10/25/00

PARCEL NO: 01-E

BRAC Property Class: 1

North Light Industry - Bldg 991

Building Closure File Information

Building	Check List No.	Def Item No.	Concern Code	Description of Problem	Correction Comment	Prob Corrected	Date of Correction
991	7	11	99	Metal personnel lockers.	Info. only.	NA	
991	7	10	99	Wood shelving.	Info. only.	NA	
991	7	9	99	Electrical substation.	Info. only.	NA	
991	7	8	99	External drain from kitchen area.	Info. only.	NA	
991	7	7	99	Unknown stains on carpet.	Dry, non-oily, fixed.	NA	
991	7	6	99	Unknown stains in sink.	Dry, non-oily, fixed.	NA	
991	7	4	99	Unknown non-oily stains.	Dry, non-oily, fixed.	NA	
991	7	1	99	Drains in floor.	Info. only.	NA	
991	7	3	31	Refrigerator.	Info. only.	NA	
991	7	2	31	Walk-in freezer.	Info. only.	NA	
991	5.a		30	Asbestos Survey required. Also item 7.	No damaged or friable.	Yes	7/27/95
991	7	5	6	Unknown oily stains.	Building released for PCBs.	Yes	7/14/95
991	4.i		31	Boiler Ser.#8318884.	Info. only.	NA	

Parcel Closure File Information

Check List No.	Def Item No.	Concern Code	Description of Problem	Correction Comment	Prob Corrected	Date of Correction
			No outstanding environmental issues.		NA	

MARE ISLAND ENVIRONMENTAL REPORT

Printed: 10/25/00

PARCEL NO: 01-F **BRAC Property Class: 2-4** **North Light Industry - Barracks**

Parcel Usage

Planned Use North Light Industry
Current Uses: Barracks and barracks core building
Former Uses: Lumber storage area

Topography/Geology/Soil/Water/Ecological

Flat, level, lawns and trees between buildings. Bay Mud (Qbm)/Made Land (Engineered fill) (Ma)
Estimated Area: 3.6296 Acres **Elevation:** 10 ft
Ground Water: Concern for groundwater around site of removed UST. **Archeological:** None
Water Level: 7.5 ft. **Water Flow Direction:** Northeast **Ecological:** None

Environmental Summary

Adjacent Parcels:	5	No. of PA/SIParcel:	2	Radiological Surveys:	0	Haz Waste Treatment Facilities:	0
Buildings/Sites:	5	Tanks/OWSs:	1	Number of Spills:	0	Historical Resources:	5
Utilities by Parcels:	6	PCB Contaminated Equipm:	0	Haz Waste Accumulation Sites:	0	Lead Paint Survey:	5
IR Sites:	0	Ordnance Locations:	0	Haz Waste Storage Sites:	0	Number of Parcel Closure Items:	3
Radon Survey:	5	Asbestos Sites:	54	Backflow Prevention Items:	7		
Closed Buildings:	5	Closed Building Items:	72				

Rationale for Initially Assigning BRAC Property Class - 7

Building 999 had an UST located north of it among four barracks buildings, building 991 and parking areas. Concern for incomplete groundwater information.

Rationale for Revising BRAC Property Class

Area has been evaluated and no contamination was detected in the groundwater samples. UST 999 was removed and closure actions complete.

Adjacent Parcel Information

Direction	Adjacent Parcel No.	Prop Class	COMMENT
East	01-K	3	Parcels are separated by Walnut street.
North	01-G	1	Parcels are separated by a parking lot.
South	02-D3	6	Parcels are separated by "G" Street.

PARCEL NO: 01-F

BRAC Property Class: 2-4

North Light Industry - Barracks

Adjacent Parcel Information

Direction	Adjacent Parcel No.	Prop Class	COMMENT
South	02-D5	6	Parcels are separated by "G" Street.
West	01-E	1	Parcels are separated a by driveway/parking lot.

Building/Site Descriptive Data

Building	Map Quad	Type	Name	Hist. Distr.	Remarks	Year Built	Year Demo	Total SqFt	Bldg Resp	Building Closure Date
995	I-2	P	Barracks			1979		19,900	SY	9/7/95
997	I-2	P	Barracks			1979		17,700	SY	9/7/95
999	I-2	P	Barracks Core Building			1979		5,800	SY	9/14/95
1013	I-2	P	Barracks		UST was located North of Building	1985		24,030	SY	9/7/95
1015	I-2	P	Barracks			1985		24,030	SY	9/7/95

Building/Site Environmental Data Summary

Building	IR Sites	PA_SI Sites	HMS (#)	HW AS (Op)	HW AS (Cl)	HW TS	Haz Vis-ual	PCB (Rm)	PCB (IP)	PCB Ord (NR)	Spills	ASB (Tot)	ASB (Rd)	UST (Rm)	UST (IP)	AST (Rm)	AST (IP)	OWS (Rm)	OWS (IP)	Lead Paint	NNPP GRAM	Ra-don Srvy	
995							1					10											Y
997							1					10											Y
999							1					16			1								Y
1013												9											Y
1015												9											Y

Note: (#) = no. of sites/locations/spills/etc.; (Op) = # open; (Cl) = # closed; (Rm) = # removed; (IP) = # in place and/or suspect; (Tot) - Total # of potential Asbestos sites; (Rd) - # Remediations required of Damaged and Friable asbestos sites; (NR) = Not Released for ordnance

Building/Site Uses/Concerns/BRAC Class Rationale

Building	Current Uses	Former Uses	Remark	Concern/BRAC Rationale
999	Barracks core building.	None identified.	Location: North of G St., west of Walnut Ave., northwest of Bldg 997	UST was located North of Building
997			Location: North of G St., west of Walnut Ave.	
995			Location: North of G St., west of Walnut Ave., west of Bldg 997	
1015			Location: West of Walnut Ave., north of G St., north of Bldgs. 997 and 1013	

PARCEL NO: 01-F **BRAC Property Class: 2-4** **North Light Industry - Barracks**

Building/Site Uses/Concerns/BRAC Class Rationale

Building	Current Uses	Former Uses	Remark	Concern/BRAC Rationale
1013			Location: West of Walnut Ave., north of G St., north of Bldg 997	

Utilities Summary

Identified Utilities	Description	PA/SI No.	IRP No.
ELECTRICAL			
FRESH WATER			
NATURAL GAS	2" LINE TO N CORNER OF BLDG 997 FROM 4" PIPE UNDER WEST SIDE OF WALNUT AVE		
SANITARY SEWER	8" ACCMP UNDER WALNUT AVE, EAST OF BLDG 997		SWMU-106
STORM SEWER	8" DRAIN AROUND BLDG'S 995, 997, & 999 TO 15" ALONG "G" STREET, 10" CURB DRAIN FROM "G" ST & WALNUT AVE, NORTH ALONG WALNUT AVE		SWMU-093
TRANSFORMERS	A list of all transformers is available on a separate utility report. Transformers with PCBs are listed on parcel, SEBS, and BCT reports in the PCB Contaminated Equipment table.		

Preliminary Assessment / Site Inspection Sites

PA/SI No.	CTO No.	Description
SWMU-106		SANITARY SEWER SYSTEM
SWMU-093		STORM SEWER SYSTEM

Tanks and OWS Summary

Building	Type	Tank No.	Location	Physical Status	Cisd	Contents	Remarks	Removed	Volume (gal)	Construction
999	UST			Removed	Yes	Heating Fuel Oil/Diesel	CAL-EPA Itr dated December 7, 1995	Jul-90	6000	Fiberglass

Lead Paint Survey Data

Building	Survey Status	Date of Survey	Results of Survey	Comments
995	Not Required		N/A	Shipyard: Built in 1979; does not require lead based paint survey.
997	Not Required		N/A	Shipyard: Built in 1979; does not require lead based paint survey.
999	Not Required		N/A	Shipyard: Built in 1979; does not require lead based paint survey.
1013	Not Required		N/A	Shipyard: Built in 1985; does not require lead based paint survey.
1015	Not Required		N/A	Shipyard: Built in 1985; does not require lead based paint survey.

Radon Survey / Assessment Summary

Building	RSS Reading	RSS Detector	RAS Test Results	RAS No. of Detectors	Notes

PARCEL NO: 01-F BRAC Property Class: 2-4 North Light Industry - Barracks

Radon Survey / Assessment Summary

Building	RSS Reading	RSS Detector	RAS Test Results	RAS No. of Detectors	Notes
995			0.8/0.6	25	
997			0.8/0.5	24	
999			0.7/0.6	9	
1013			0.8/0.4	29	
1015			1.2/0.5	29	

Asbestos Survey Summary

Building	Homo Area	ACM	Description	Location	Qty	Rating	Fri-able	Con-dition	% Dam-age	Recommended Action	Comments	Status
995	H-4	A	Floor Tile, 12" Beige	See Attached Sheets	14098 sf	D-10	Non	D	1	O&M	Floor tile had gouges.	N
995	H-5	A	Coving Mastic, 4" Brown	See Attached Sheets	1166 sf	D-9	Non	D	1	O&M	Coving was loose and had gouges exposing mastic.	N
995	H-6	A	Coving Mastic, 4" Beige	Room 117	22 sf	D-8	Non	D	1	O&M	Coving was loose exposing mastic.	N
995	H-7	A	Grout, Beige 6" Tile	See Attached Sheets	1670 sf	D-8	Non	D	1	O&M	Grout was missing.	N
995	H-8	A	Grout, Beige 4" Tile	See Attached Sheets	424 sf	D-8	Non	D	1	O&M	Grout was cracked.	N
995	H-9	A	Grout, Brown 1" Tile	See Attached Sheets	159 sf	D-8	Non	D	1	O&M	Grout was cracked.	N
995	H-10	A	Cinder Block And Mortar	See Attached Sheets	37224 sf	PD-6	Non	ND	0	O&M		N
995	H-11	A	Mortar, Red Brick	Exterior	2640 sf	PD-5	Non	ND	0	O&M		N
995	H-12	A	Fire Door	See Attached Sheets	1239 sf	PD-6	Non	ND	0	O&M	There were 59 fire doors.	N
995	H-13	A	Roofing, Tar And Gravel	Roof	8580 sf	D-10	Non	D	5	O&M	Roofing was rotten and missing.	N
997	H-1	A	Cinder Block And Mortar	See Attached Sheets	26768 sf	PD-6	Non	ND	0	O&M		N
997	H-2	A	Mortar, Red Brick	Exterior	3472 sf	PD-5	Non	ND	0	O&M		N
997	H-3	A	Coving Mastic, 4" Tan	Room 101	24 sf	PD-5	Non	ND	0	O&M		N
997	H-4	A	Coving Mastic, 4" Brown	See Attached Sheets	1128 sf	D-9	Non	D	1	O&M	Coving was peeling and missing exposing mastic.	N
997	H-5	A	Floor Tile, 12" Tan And Brown	See Attached Sheets	15134 sf	PD-6	Non	ND	0	O&M		N
997	H-6	A	Grout, Multi-Brown 1" Ceramic Tile	See Attached Sheets	846 sf	PD-5	Non	ND	0	O&M		N
997	H-7	A	Grout, Tan 3" Ceramic Tile	See Attached Sheets	4042 sf	PD-5	Non	ND	0	O&M		N
997	H-8	A	Fire Door	See Attached Sheets	1134 sf	PD-6	Non	ND	0	O&M	There were 54 fire doors.	N
997	H-9	A	Roofing, Tar And Gravel	Roof	8200 sf	PD-6	Non	ND	0	O&M		N
997	H-17	Y	Tar Sealant on Pipe Insulation	Room 100, 200, 300	60 sf	PD-5	Non	ND	0	O&M		N
999	H-1	A	Grout, Brown 6" Ceramic Tile	Room 120	117 sf	PD-5	Non	ND	0	O&M		N
999	H-3	A	Cinder Block And Mortar	Room 106, 118, 120, 121, 122, 123, 124, Exterior	3183 sf	PD-5	Non	ND	0	O&M		N

PARCEL NO: 01-F

BRAC Property Class: 2-4

North Light Industry - Barracks

Asbestos Survey Summary

Building	Homo Area	ACM	Description	Location	Qty	Rating	Fri-able	Con-dition	% Dam-age	Recommended Action	Comments	Status
999	H-5	A	Fire Door	Room 110, 111, 117, 120, 121, 125, 126	315 sf	PD-6	Non	ND	0	O&M	There were 15 fire doors.	N
999	H-7	A	Floor Tile, 12" Tan W/Brown Flecks	Room 109, 109A, 110, 111, 117, 121, 122, 123, 124, 126	3940 sf	D-9	Non	D	1	O&M	Floor tile was chipped.	N
999	H-8	A	Coving Mastic, 4" Brown	Room 105, 109, 109A, 109B, 110, 111, 117, 118, 121, 122, 123, 124	182 sf	D-8	Non	D	1	O&M	Coving was chipped and loose exposing mastic.	N
999	H-10	A	Coving Mastic, 4" Grey	Room 118	33 sf	PD-5	Non	ND	0	O&M		N
999	H-11	A	Floor Tile, 12" Brown W/Flecks	Room 118	625 sf	PD-5	Non	ND	0	O&M		N
999	H-12	A	Floor Tile, 12" Beige W/White Flecks	Room 105 and 109B	145 sf	PD-5	Non	ND	0	O&M		N
999	H-13	A	GROUT, Tan 1" Ceramic Tile	Room 106 and 107	135 sf	PD-5	Non	ND	0	O&M		N
999	H-14	A	GROUT, Beige W/Brown Flecks 4"x6" Ceramic Coving	Room 106	16 sf	PD-5	Non	ND	0	O&M		N
999	H-16	A	Coving Mastic, 4" Black	Room 123	4 sf	PD-5	Non	ND	0	O&M		N
999	H-18	A	Transite Panel, Red Corrugated	Exterior	105 sf	PD-6	Non	ND	0	O&M		N
999	H-20	Y	TSI, Tank (Off-Sticker) 14" Diameter	Room 125	19 sf	PD-10	Low	ND	0	O&M		N
999	H-25	A	Roofing, Tar And Gravel	Roof	6500 sf	PD-7	Non	ND	0	O&M		N
999	H-26	A	Coving Mastic, 4" Light Brown	Room 126	22 sf	PD-5	Non	ND	0	O&M		N
999	H-28	Y	Stucco, Patch	Exterior	1 sf	D-7	Non	D	10	O&M	Stucco was cracked and flaking.	N
1013	H-8	A	Coving Mastic, 4" Beige	See Attached Sheets	1470 sf	PD-6	Non	ND	0	O&M		N
1013	H-9	A	Floor Tile, 12" Beige W/Brown And White Speckles	See Attached Sheets	14555 sf	PD-6	Non	ND	0	O&M		N
1013	H-10	A	Sheet Flooring, Off-White	See Attached Sheets	3196 sf	PD-5	Non	ND	0	O&M		N
1013	H-11	A	GROUT, Off-White 4" Ceramic Tile	See Attached Sheets	3525 sf	PD-5	Non	ND	0	O&M		N
1013	H-12	A	GROUT, Grey 2" Ceramic Tile	See Attached Sheets	564 sf	PD-5	Non	ND	0	O&M		N
1013	H-13	A	Cinder Block And Mortar	See Attached Sheets	7134 sf	PD-6	Non	ND	0	O&M		N
1013	H-14	A	Roofing, Tar And Gravel	Roof	6768 sf	PD-6	Non	ND	0	O&M		N
1013	H-15	A	Fire Door	Room C125, C126, C127, C128, C225, C226, C227, C228, C325, C326, C327, C328	270 sf	PD-6	Non	ND	0	O&M	There were 15 fire doors.	N
1013	H-16	A	Roofing, Asphalt Shingle 3'x 4'x 0.5" Thick	Roof	888 sf	PD-5	Non	ND	0	O&M		N
1015	H-4	A	Floor Tile, 12" Beige	Room 101-120, 122-124, 201-224, 301-324	16416 sf	D-10	Non	D	1	O&M	Tile had gouges and was worn.	N

PARCEL NO: 01-F BRAC Property Class: 2-4

North Light Industry - Barracks

Asbestos Survey Summary

Building	Homo Area	ACM	Description	Location	Qty	Rating	Fri-able	Con-dition	% Dam-age	Recommended Action	Comments	Status
1015	H-5	A	Coving Mastic, 4" Brown	Room 101-120, 122-124, 201-224, 301-324	4464 sf	D-9	Non	D	1	O&M	Coving was loose exposing mastic.	N
1015	H-6	A	Grout, White 4" Tile	All Bathroom	5760 sf	D-9	Non	D	1	O&M	Grout was cracked.	N
1015	H-7	A	Grout, Grey 2" Tile	All Bathroom	2592 sf	D-8	Non	D	1	O&M	Grout was cracked.	N
1015	H-8	A	Cinder Block And Mortar	Room 125-128, 225-228, 325-328, Exterior Walls, Stairwells	40000 sf	PD-6	Non	ND	0	O&M		N
1015	H-9	A	Mortar, Brick	Stairwells	120 sf	PD-5	Non	ND	0	O&M		N
1015	H-10	A	Fire Door	All Room Except Bathroom	1512 sf	PD-6	Non	ND	0	O&M	There were 55 fire doors.	N
1015	H-11	A	Sheet Flooring	All Bathroom	3456 sf	D-8	Non	D	5	O&M	Sheet flooring was warped and swollen from water damage.	N
1015	H-12	A	Roofing, Tar And Gravel	Roof	10000 sf	PD-6	Non	ND	0	O&M		N

Legend: ACM: Y = Yes by sample, N = None by sample, A = Yes by visual inspection Condition: SD = Significantly Damaged, D = Damaged, PD = Potential for Damage, ND = No Damage
 Qty: SF = Square Feet, LF = Linear Feet Recommended Action: OM = Operation Maintenance Status: R = Remediation Required, C = Remediation Completed, N = No Work, Sat.

Backflow Prevention and Cross-Connection Survey

Building	Location	Potential Hazard or Comment	Corrective Action or Comment	Degree of Hazard
999	Boiler Rm, NW	RPBA located 9' overhead.	Relocate RPBA per UPC requirements. See Note 2.	Low
997	Building supply line(s)	3 story building.	Premise isolation required. Install DCVA.	Low
995	Building supply line(s)	3 story building.	Premise isolation required. Install DCVA.	Low
1015	Building supply line(s)	3 story building.	Premise isolation required. Install DCVA on service connection.	Low
1015	Boiler Rm, NW	RPBA located 9' overhead.	Relocate RPBA per UPC requirements. See Note 2.	Low
1013	Building supply line(s)	3 story building.	Premise isolation required. Install DCVA on service connection.	Low
1013	Boiler Rm, NW	RPBA located 9' overhead.	Relocate RPBA per UPC requirements. See Note 2.	Low

Note: The Backflow Prevention and Cross-Connection Survey Report information is a listing of what buildings or locations have Backflow Preventors in the drinking water system throughout Mare Island. The report also lists any potential hazards or comments concerning potential hazards and the correcting actions or comments. Also listed is the degree of hazard for each preventor. For further information see the actual Backflow Prevention and Cross-Connection Survey Report.

Building Closure File Information

Building	Check List No.	Def Item No.	Concern Code	Description of Problem	Correction Comment	Prob Corrected	Date of Correction
995	5.c		29	Lead Based Paint Survey required. Also item 7.	Determined not necessary by Code 106.4.	Yes	8/11/95

Former Mare Island Naval Shipyard EBS Supplement

Parcel No: 01-F

DS.0292.14790

MARE ISLAND ENVIRONMENTAL REPORT

Printed: 10/25/00

PARCEL NO: 01-F

BRAC Property Class: 2-4

North Light Industry - Barracks

Building Closure File Information

Building	Check List No.	Def Item No.	Concern Code	Description of Problem	Correction Comment	Prob Corrected	Date of Correction
995	5.a		30	Asbestos Survey required. Also Item 7.	No damaged or friable found.	Yes	6/8/95
995	7	1	99	Furniture.	Info only.	NA	
995	7	2	99	Refrigerator.	Info only.	NA	
995	7	3	99	Bedframes and mattress.	Info only.	NA	
997	7	5	21	Flourescent lamps uncapitvated.	Info only.	NA	
997	7	1	41	Power Distribution Panel secured.	Reattached panel cover per TWD.	Yes	9/1/95
997	7	14	33	Door to Room 14 locked (un-inspected).	Opened, inspected, found clean.	Yes	7/25/95
997	7	9	31	Flammable locker (empty).	Info only.	NA	
997	5.a		30	Asbestos Survey required.	No damaged or friable. Released.	Yes	7/27/95
997	5.c		29	Lead Paint Survey required.	Building built in 1979. Survey not required.	NA	
997	7	3	41	Power outlet uncovered.	Taped over. Not an issue.	NA	
997	7	7	28	Exposed lamp, socket with in reach.	Addressed and resolved.	Yes	9/1/95
997	7	8	7	Leaky shower head.	Info only.	NA	
997	7	6	7	Leaky faucet.	Info only.	NA	
997	7	11	28	Missing fan cover.	Info only.	NA	
997	7	12	41	Broken wall outlet.	Addressed and resolved.	Yes	8/8/95
997	4.i	2	99	Debris. (Info. only.) Also Item 7.	Removed.	Yes	9/1/95
997	7	4	7	Pipe leaks during flush.	Info only.	NA	
997	7	10	41	Exposed wire.	Taped over.	Yes	9/1/95
999	7	4	41	Uncovered wall outlet.	Taped over. Not an issue.	NA	
999	7	10	99	Excess office furniture.	Info only.	NA	
999	7	8	99	PVC out of ground with TV/phone cables.	Info only.	NA	
999	7	6	99	Standing water in vault.	Not an issue. Not uncommon.	NA	
999	7	7	99	No access to boiler room.	Boiler room is PWC cognizance. No action required.	NA	
999	7	3	41	Cracked wall outlet.	Taped over. Not an issue.	NA	
999	7	9	6	Transformer # T-1851.	Dry. Info only.	NA	
999	7	7	99	Debris (board and window screen).	Info only.	NA	
999	3.e		3	UST: Heating Fuel Tank (removed in 1991).	Info only.	NA	
999	5.c		29	Lead Based Paint Survey required.	Determined not necessary by Code 106.4.	Yes	8/11/95
999	5.a		30	Asbestos Survey required. Also Item 7.	No damaged or friable asbestos found.	Yes	7/27/95
999	4.i		31	Boilers - Ser. #'s 78-1697627 and 78-2697527.	Info only.	NA	
999	7	1	41	Uncovered conduit box overhead.	Not an issue.	NA	
999	7	2	41	Open-ended pipe with exposed wires.	Not an issue.	NA	

PARCEL NO: 01-F

BRAC Property Class: 2-4

North Light Industry - Barracks

Building Closure File Information

Building	Check List No.	Def Item No.	Concern Code	Description of Problem	Correction Comment	Prob Corrected	Date of Correction
1013	4j	1	41	Electrical outlet missing cover. Also item 7.	Taped over. Not an issue.	NA	
1013	7	12	99	Shower head leaking.	Not an issue.	NA	
1013	7	16	99	"D103" not opened for inspection.	"D103" inspected. No deficiencies found.	Yes	7/25/95
1013	7	7	99	Fluorescent light cover missing.	Info only.	NA	
1013	7	6	99	Clogged sink.	Not an issue.	NA	
1013	7	5	99	Possible contaminated floor drain (cleaning fluids).	No environmental concern. No action required.	Yes	8/4/95
1013	7	4	99	Bathroom door uninstalled.	Not an issue.	NA	
1013	7	2	99	Debris.	Info only.	NA	
1013	7	10	41	Electrical outlet cover broken.	Taped over. Not an issue.	NA	
1013	7	8	99	Water damage in partition between shower and toilet.	Not an issue.	NA	
1013	1		37	High Voltage Transformer (northside of building).	Info only.	NA	
1013	7	14	34	"Exit" light broken.	Not an issue.	NA	
1013	4.a		33	When both bathroom doors between apartments are locked, a person can not exit.	Info only.	NA	
1013	7	3	30	Possible asbestos floor tile.	Addressed and resolved.	NA	
1013	5.a		30	Asbestos Survey required. Also item 7.	No damaged or friable found.	Yes	7/23/95
1013	5.c		29	Lead Based Paint Survey required. Also item 7.	Survey not required for building built in 1985.	NA	
1013	7	15	6	Unknown carpet stain.	Old soft drink. No action required.	NA	8/4/95
1013	7	13	21	One-gallon chemical container abandoned.	Addressed and resolved.	NA	
1013	7	9	99	Door lock not working.	Not an issue.	NA	
1013	7	11	28	Abandoned fluorescent tube.	Addressed and resolved.	NA	
1015	7	13	99	Chemical containers.	Containers removed.	Yes	7/14/95
1015	7	10	41	Electrical outlet cover broken.	Taped over. Not an issue.	NA	
1015	7	16	99	Room 121 locked. No key.	Opened, found clean, and released.	Yes	7/25/95
1015	7	12	99	Weather door not sealing properly.	Doors repaired per TWD, Task 6.0.	Yes	9/7/95
1015	7	9	99	Door lock does not work.	Not an issue.	NA	
1015	7	8	99	Water damaged partition between shower and tub.	Not an issue.	NA	
1015	7	7	99	Flourescent light cover missing.	Info only.	NA	
1015	7	6	99	Clogged sink.	Not an issue.	NA	
1015	7	11	99	Shower head missing.	Not an issue.	NA	
1015	7	2	99	Debris.	Info only.	NA	
1015	7	15	6	Unknown stain on wall.	Dry, fixed, non-oily. No action required.	Yes	7/18/95
1015	4.j	1	41	Electrical outlet cover missing. Also item 7.	Taped over outlet. Not an issue.	NA	

MARE ISLAND ENVIRONMENTAL REPORT

Printed: 10/25/00

PARCEL NO: 01-F BRAC Property Class: 2-4 North Light Industry - Barracks

Building Closure File Information

Building	Check List No.	Def Item No.	Concern Code	Description of Problem	Correction Comment	Prob Corrected	Date of Correction
1015	4.a	4	33	Bathroom doors with same lock will lock a person inside bathroom. Also item 7.	Not an issue.	NA	
1015	7	3	30	Floor tile is possibly asbestos.	Addressed and resolved.	Yes	8/4/95
1015	5.a	30	30	Asbestos Survey required. Also item 7.	No damaged or friable asbestos found.	Yes	8/4/95
1015	5.c	29	29	Lead Survey required. Also item 7.	Building built in 1985. Survey not required. Information n	NA	
1015	7	14	28	Exit sign broken.	Not an issue.	NA	
1015	7	5	99	Floor drains possibly full of chemical fluids.	Dry, fixed stains. No action required.	Yes	7/18/95

Parcel Closure File Information

Check List No.	Def Item No.	Concern Code	Description of Problem	Correction Comment	Prob Corrected	Date of Correction
8		6	Transformer T-1850 no leaks.		NA	
4		3	Possible UST at building 999. Possibly removed in 1940.		Yes	12/7/95
14		30	Steam valve insulation deteriorated.		Yes	12/7/95

MARE ISLAND ENVIRONMENTAL REPORT

Printed: 10/25/00

PARCEL NO: 01-G

BRAC Property Class: 1

North Light Industry - Navy Exchange

Parcel Usage

Planned Use North Light Industry
Current Uses: Navy Exchange and Parking
Former Uses: Lumber storage area

Topography/Geology/Soil/Water/Ecological

Flat, level, parking area. Bay mud (Qbm)/ Made land (Engineered fill)(Ma)

Estimated Area: 5.677 Acres **Elevation:** 10 ft

Ground Water: None identified.

Archeological: None

Water Level: 7.5 ft. **Water Flow Direction:** Northeast

Ecological: None

Environmental Summary

Adjacent Parcels:	5	No. of PA/SI Parcels:	3	Radiological Surveys:	0	Haz Waste Treatment Facilities:	0
Buildings/Sites:	1	Tanks/OWSs:	0	Number of Spills:	0	Historical Resources:	1
Utilities by Parcels:	6	PCB Contaminated Equipm:	0	Haz Waste Accumulation Sites:	0	Lead Paint Survey:	0
IR Sites:	0	Ordnance Locations:	0	Haz Waste Storage Sites:	0	Number of Parcel Closure Items:	2
Radon Survey:	1	Asbestos Sites:	23	Backflow Prevention Items:	1		
Closed Buildings:	1	Closed Building Items:	12				

Rationale for Initially Assigning BRAC Property Class - 7

Concern for PA/SI site and proximity to building 999 UST. Concern for incomplete groundwater information.

Rationale for Revising BRAC Property Class

Area has been evaluated and no contamination was detected. UST 999 was removed and closed.

Adjacent Parcel Information

Direction	Adjacent Parcel No.	Prop Class	COMMENT
East	01-K	3	Parcels are separated by Walnut street.
North	01-H	6	Parcels are separated by a parking lot.
South	01-E	1	Parcels are separated by a driveway/parking lot.

PARCEL NO: 01-G BRAC Property Class: 1

North Light Industry - Navy Exchange

Adjacent Parcel Information

Direction	Adjacent Parcel No.	Prop Class	COMMENT
South	01-F	2-4	Parcels are separated by a driveway/parking lot.
West	17-C	6	Wetlands area (old dredge ponds). Parcels are separated by Cedar Avenue.

Building/Site Descriptive Data

Building	Map Quad	Type	Name	Hist. Distr.	Remarks	Year Built	Year Demo	Total SqFt	Bidg Resp	Building Closure Date
897	I-2	P	Navy Exchange			1971		21,500	SY	7/6/95

Building/Site Environmental Data Summary

Building	IR Sites	PA_SI Sites	HMS (#)	HW AS (Op)	HW AS (Cl)	HW TS	Haz Visual	PCB (Rm)	PCB (IP)	Ord (NR)	Spills (Tot)	ASB (Rd)	ASB (IP)	UST (Rm)	UST (IP)	AST (Rm)	AST (IP)	OWS (Rm)	OWS (IP)	Lead Paint	NNPP GRAM	Ra-don Srvy	
897									2		23												Y

Note: (#) = no. of sites/locations/spills/etc.; (Op) = # open; (Cl) = # closed; (Rm) = # removed; (IP) = # in place and/or suspect; (Tot) - Total # of potential Asbestos sites; (Rd) - # Remediations required of Damaged and Friable asbestos sites; (NR) = Not Released for ordinance

Building/Site Uses/Concerns/BRAC Class Rationale

Building	Current Uses	Former Uses	Remark	Concern/BRAC Rationale
897	Navy Exchange	None identified.	Location: South of I St., east of Cedar Ave	PA/SI site

Utilities Summary

Identified Utilities	Description	PA/SI No.	IRP No.
ELECTRICAL			
FRESH WATER			
NATURAL GAS	2" LINE ON EAST SIDE OF BLDG. 897 OFF OF 4" PIPE ALONG WALNUT AVE		
SANITARY SEWER	6" C.O. FROM NE CORNER OF BLDG 897 TO 8" VCP TO 8" ACCMP WEST ALONG "I" STREET		SWMU-106
STORM SEWER	PARKING LOT AND PAVEMENT DRAINAGE RELEASES TO LANDSCAPE EAST OF BLDG 897		SWMU-093
TRANSFORMERS	A list of all transformers is available on a separate utility report. Transformers with PCBs are listed on parcel, SEBS, and BCT reports in the PCB Contaminated Equipment table.		

Preliminary Assessment / Site Inspection Sites

PA/SI No.	CTO No.	Description

PARCEL NO: 01-G

BRAC Property Class: 1

North Light Industry - Navy Exchange

Preliminary Assessment / Site Inspection Sites

PA/SI No.	CTO No.	Description
SWMU-108		AREAS OF POTENTIAL RADIUM RELEASES
SWMU-106		SANITARY SEWER SYSTEM
SWMU-093		STORM SEWER SYSTEM

PCB Contaminated Equipment

Building	Equipment Type	Equipment No.	Relative Location	PCB		Volume (gal.)	Status	Leaker
				Code	Level			
897	Transformer	T-0073	Walnut Av; Navy-Exchange	=	4	84	Active	N
897	Rocker Arm	RAD-127	Cedar & I St.; East	<	1	130	Active	

Note: Transformers, Circuit Breakers, and Rocker Arms only.

PCB Code: "<" - PCB level is less than (usually 1); "=" - PCB level has been verified by sampling; ">" - PCB level is greater than (usually 500); "?" - PCB level is not verified (usually refers to zero level); "R" - PCB level indicated before Removal/Replacement/Refilling of original unit

Radon Survey / Assessment Summary

Building	RSS Reading	RSS Detector	RAS Test Results	RAS No. of Detectors	Notes
897			0.1/0.1	23	

Asbestos Survey Summary

Building	Homo Area	ACM	Description	Location	Qty	Rating	Fri-able	Con-dition	% Dam- age	Recommended Action	Comments	Status
897	H-13	Y	Undercoating, Sink	Room 110, 113	4 sf	PD-4	Non	ND	0	O&M		N
897	H-16	A	Floor Tile, 12" White W/Grey Specks	Room 102, 108, 119, 120, 122, 123, 126, 127, 133	17536 sf	PD-5	Non	ND	0	O&M		N
897	H-17	A	Floor Tile, 12" White W/Brown Specks	See Attached Sheets	2550 sf	PD-5	Non	ND	0	O&M		N
897	H-18	A	Floor Tile, 12" Tan W/Dark Brown Specks	Room 128, 129, 131, 132, 153	378 sf	PD-5	Non	ND	0	O&M		N
897	H-19	A	Floor Tile, 12" Red Tinge	Room 133	132 sf	PD-5	Non	ND	0	O&M		N
897	H-20	A	Floor Tile, 12" Beige W/White And Brown Specks	Room 130	646 sf	PD-5	Non	ND	0	O&M		N
897	H-21	A	Floor Tile, 12" Red W/White Specks	Room 133	60 sf	PD-5	Non	ND	0	O&M		N
897	H-22	A	Mastic, Edging 2" Brown	Room 133	25 sf	PD-5	Non	ND	0	O&M		N
897	H-23	A	Coving Mastic, 4" Brown	Room 102, 103, 105, 107, 111, 123, 124, 133, 141, 146	161 sf	PD-5	Non	ND	0	O&M		N
897	H-24	A	Coving Mastic, 4" Light Brown	See Attached Sheets	137 sf	PD-5	Non	ND	0	O&M		N

PARCEL NO: 01-G BRAC Property Class: 1

North Light Industry - Navy Exchange

Asbestos Survey Summary

Building	Homo Area	ACM	Description	Location	Qty	Rating	Fri-able	Condi-tion	% Dam-age	Recommended Action	Comments	Status
897	H-25	A	Coving Mastic, 4" Grey	Room 102, 133	15 sf	PD-5	Non	ND	0	O&M		N
897	H-26	A	Coving Mastic, 4" Black	Room 114, 130, 133, 138, 142, 143, 144, 145	160 sf	PD-5	Non	ND	0	O&M		N
897	H-27	A	Coving Mastic, 4" Maple	Room 111, 112, 113, 128, 129, 131, 132	79 sf	PD-5	Non	ND	0	O&M		N
897	H-28	A	Coving Mastic, 4" White	Room 146	10 sf	PD-5	Non	ND	0	O&M		N
897	H-29	A	Coving Mastic, 4" Yellow	Room 120, 127	29 sf	PD-5	Non	ND	0	O&M		N
897	H-30	A	Coving Mastic, 8" Black	Room 127, 128, 143	10 sf	PD-5	Non	ND	0	O&M		N
897	H-31	A	Coving Mastic, 8" Brown	Room 140, 141	6 sf	PD-5	Non	ND	0	O&M		N
897	H-32	A	Grout, Light Brown W/Specks 2" Ceramic Tile	Room 104, 106, 124, 125, 148, 149	465 sf	PD-4	Non	ND	0	O&M		N
897	H-33	A	Grout, Brown 4" Ceramic Tile	Room 102, 103, 103A, 105, 106, 107, 146, 148, 149, 150, 151, 154, 156	1971 sf	PD-5	Non	ND	0	O&M		N
897	H-34	A	Grout, White And Grey 4" Ceramic Tile	Room 104, 106	408 sf	PD-4	Non	ND	0	O&M		N
897	H-35	A	Grout, Tan 4" Ceramic Tile	Room 148, 149	360 sf	PD-4	Non	ND	0	O&M		N
897	H-36	A	Roofing, Tar And Gravel	Roof	36000 sf	PD-5	Non	ND	0	O&M		N
897	H-37	A	Fire Door	Room 101, 107, 116, 133, 137, 138, 150, 154, 156	147 sf	PD-5	Non	ND	0	O&M	There were nine fire doors.	N

Legend: ACM: Y = Yes by sample, N = None by sample, A = Yes by visual inspection Condition: SD = Significantly Damaged, D = Damaged, PD = Potential for Damage, ND = No Damage
 Qty: SF = Square Feet, LF = Linear Feet Recommended Action: OM = Operation Maintenance Status: R = Remediation Required, C = Remediation Completed, N = No Work, Sat

Backflow Prevention and Cross-Connection Survey

Building	Location	Potential Hazard or Comment	Corrective Action or Comment	Degree of Hazard
897	W end (Baskin Robbins)	Water connected to CO2 carbonated beverage dispenser.	Install RPBA.	High

Note: The Backflow Prevention and Cross-Connection Survey Report information is a listing of what buildings or locations have Backflow Preventors in the drinking water system throughout Mare Island. The report also lists any potential hazards or comments concerning potential hazards and the correcting actions or comments. Also listed is the degree of hazard for each preventor. For further information see the actual Backflow Prevention and Cross-Connection Survey Report.

Building Closure File Information

Building	Check List No.	Def Item No.	Concern Code	Description of Problem	Correction Comment	Prob Corrected	Date of Correction
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MARE ISLAND ENVIRONMENTAL REPORT

Printed: 10/25/00

PARCEL NO: 01-G

BRAC Property Class: 1

North Light Industry - Navy Exchange

Building Closure File Information

Building	Check List No.	Def Item No.	Concern Code	Description of Problem	Correction Comment	Prob Corrected	Date of Correction
897	7	1	99	Debris.	Removed.	Yes	5/23/95
897	7	7	41	Electrical cover plate missing.	Addressed and resolved.	Yes	6/27/95
897	7	4	41	Electrical outlet cover loose.	Cover looseness corrected.	Yes	6/27/95
897	7	3	41	Electrical wires not in conduit.	Not a safety problem. Conduit reconnected.	Yes	5/9/95
897	4g	5	39	Falling ceiling.	Not a safety problem.	NA	4/7/95
897	1		37	Loading dock to rear of building.	Info only.	NA	4/5/95
897	7	8	32	Water heater.	Not a safety problem.	NA	4/7/95
897	4.i		31	A/C Units and HVAC Equipment.	Level 3 closure.	NA	6/27/95
897	5.a		30	Asbestos Survey required. Also item 7.	No damaged or friable.	Yes	4/20/95
897	7	2	28	Flourescent fixture uncapitvated.	Not a safety problem.	Yes	4/7/95
897	6b(2	6	6	Unknown stain on floor. No PCBs. Also item 7.	From moisture tiles & furnishings. No action required.	Yes	5/24/95
897	3a		2	PA/SI.	Info only.	NA	4/5/95

Parcel Closure File Information

Check List No.	Def Item No.	Concern Code	Description of Problem	Correction Comment	Prob Corrected	Date of Correction
15		6	Transformer at 1st and Cedar determined to be non leaking and is not a PCB issue.		NA	
13		3	Cut off pipe identifying a possible UST was cut and filled with concrete.		NA	

MARE ISLAND ENVIRONMENTAL REPORT

Printed: 10/25/00

PARCEL NO: 01-HA **BRAC Property Class: 1** **Description: North Light Industry – Parking Lot**

Parcel Usage

Planned Use: North Light Industry
Current Uses: Parking
Former Uses: Lumber storage area

Topography/Geology/Soil/Water/Ecological

Flat, level. Bay mud (Qbm)/ Made land (Engineered fill) (Ma)
Estimated Area: 2.22 Acres **Elevation:** 10 ft
Ground Water: PA(S) and R(G) 897
Water Level: 7.5 ft. **Water Flow Direction:** Northeast
Archeological: None
Ecological: None

Environmental Summary

Adjacent Parcels:	5	No. of PA(S) Parcels:	2	Radiological Surveys:	0	Haz Waste Treatment Facilities:	0
Buildings/Sites:	0	Tanks/OWSS:	0	Number of Spills:	0	Historical Resources:	2
Utilities by Parcels:	6	PCB Contaminated Equipm:	0	Haz Waste Accumulation Sites:	0	Lead Paint Survey:	0
IR Sites:	0	Ordnance Locations:	0	Haz Waste Storage Sites:	0	Number of Parcel Closure Items:	0
Radon Survey:	0	Asbestos Sites:	0	Backflow Prevention Items:	0		
Closed Buildings:	0	Closed Building Items:	0				

Rationale for Initially Assigning BRAC Property Class - 7

For initial Parcel 01-H, Buildings 663 and 1001 have potentially stored hazardous materials or generated hazardous wastes and are not suspected of or confirmed as having a release. Concern for proximity to nearby IR site and incomplete groundwater information.

Rationale for Revising BRAC Property Class

Area has been evaluated.

Adjacent Parcel Information

Direction	Adjacent Parcel No.	Prop Class	COMMENT
East	01-K	3	Parcels are separated by Walnut Street.
East	01-L1A	1	Parcels are separated by Walnut Street.

Former Mare Island Naval Shipyard EBS Supplement

Parcel No: 01-HA

Page 1

MARE ISLAND ENVIRONMENTAL REPORT

Printed: 10/25/00

PARCEL NO: 01-HA

BRAC Property Class: 6

Description: North Light Industry - Commissary

Adjacent Parcel Information

Direction	Adjacent Parcel No.	Prop Class	COMMENT
East	01-L1B	6	Parcels are separated by Walnut Street.
North	01-HB	6	
South	01-G	1	Parcels are separated by a parking lot.
West	17-C	6	Wetlands area (old dredge ponds). Parcels are separated by Cedar Avenue.

Utilities Summary

Identified Utilities	Description	PA/SI No.	IRP No.
ELECTRICAL			
FRESH WATER			
NATURAL GAS	4" STEEL MAIN GAS UNDER WEST SIDE OF WALNUT AVE.		
SANITARY SEWER	4" C.I. AT BLDG 1001 TO 6" VC TO 8" ACCMP TO 8" ACCMP EAST ALONG "I" ST	SWMU-106	
STORM SEWER	PARKING LOT & "I" ST DRAINAGE TO 24" RCP ALONG WALNUT AVE. NORTH	SWMU-093	
TRANSFORMERS	A list of all transformers is available on a separate utility report. Transformers with PCBs are listed on parcel, SEBS, and BCT reports in the PCB Contaminated Equipment table.		

Preliminary Assessment / Site Inspection Sites

PA/SI No.	CTO No.	Description
SWMU-106		SANITARY SEWER SYSTEM
SWMU-093		STORM SEWER SYSTEM

Parcel Closure File Information (For Total Parcel 01-H)

Check List	Def Item	Concern	Description of Problem	Correction Comment	Prob Corrected	Date of Correction
A	27	Subsidence area		Info only	NA	
9	2	21	HAZMAT storage shed	Addressed and resolved	Yes	8/22/95
2	1	1	Adjacent IR site, incomplete groundwater info	Info only	NA	
1	1	99	Building 663 not on parcel bldg list	Info only	NA	

MARE ISLAND ENVIRONMENTAL REPORT

Printed: 10/25/00

PARCEL NO: 01-HB BRAC Property Class: 6 Description: North Light Industry - Commissary

Parcel Usage

Planned Use: North Light Industry
Current Uses: Commissary, parking, CATS repeater facility
Former Uses: Lumber storage area

Topography/Geology/Soil/Water/Ecological

Flat, level. Bay mud (Qbm)/ Made land (Engineered fill) (Ma) **Elevation:** 10 ft
Estimated Area: 4.92 Acres
Ground Water: PA/SI and R(G) 897 **Archeological:** None
Water Level: 7.5 ft. **Water Flow Direction:** Northeast **Ecological:** None

Environmental Summary

Adjacent Parcels:	5	No. of PA/SI Parcels:	2	Radiological Surveys:	0	Haz Waste Treatment Facilities:	0
Buildings/Sites:	2	Tanks/OWSs:	0	Number of Spills:	0	Historical Resources:	2
Utilities by Parcels:	6	PCB Contaminated Equipm:	0	Haz Waste Accumulation Sites:	0	Lead Paint Survey:	0
IR Sites:	0	Ordnance Locations:	0	Haz Waste Storage Sites:	0	Number of Parcel Closure Items:	4
Radon Survey:	1	Asbestos Sites:	T5	Backflow Prevention Items:	1		
Closed Buildings:	2	Closed Building Items:	T0				

Rationale for Initially Assigning BRAC Property Class - 7

Buildings 663 and 1001 have potentially stored hazardous materials or generated hazardous wastes and are not suspected of or confirmed as having a release. Concern for proximity to nearby IR site and incomplete groundwater information.

Rationale for Revising BRAC Property Class

Area has been evaluated.

Adjacent Parcel Information

Direction	Adjacent Parcel No.	Prop Class	COMMENT
East	01-L1B	6	Parcels are separated by Walnut Street.

Former Mare Island Naval Shipyard EBS Supplement

Parcel No: 01-HB

Page 1

PARCEL NO: 01-HB BRAC Property Class: 6 Description: North Light Industry - Commissary

Adjacent Parcel Information

Direction	Adjacent Parcel No.	Prop Class	COMMENT
North	01-I	6	Parcels are separated by a field.
South	01-G	1	Parcels are separated by a parking lot.
South	01-HA	1	
West	17-C	6	Wetlands area (old dredge ponds). Parcels are separated by Cedar Avenue.

Building/Site Descriptive Data

Building	Map Quad	Type	Name	Hist. Distr.	Remarks	Year Demo	Total SqFt	Bldg Resp	Building Closure Date
544	J-2	D	Office For Lumber Yard			UNIK		SY	
663	J-2	P	CATS Repeater Facility-North			1993	625	SY	
1001	J-2	P	Commissary			1981	32,870	SY	8/24/95
1005	J-2	D	Bailfield Concession Stand			1985		SY	
1007	J-2	D	Dugout			1985		SY	
1009	J-2	D	Dugout			1985		SY	
1011	J-2	D	Bailfield			1985		SY	

Building/Site Environmental Data Summary

Building	IR Sites	PA_SI Sites	HMS	HW AS (Op)	HW AS (Cl)	HW TS	Haz Vis-	PCB	PCB	Ord	Spills	ASB (Tot)	ASB (Rd)	UST (Rm)	UST (IP)	AST (Rm)	AST	OWS	OWS	Lead	NNPP	GRAM	Ra- don	
544																								
663												3	3											
1001								1	1			12												Y
1005																								
1007																								
1009																								
1011																								

Note: (#) = no. of sites/locations/spills/etc.; (Op) = # open; (Cl) = # closed; (Rm) = # removed; (IP) = # in place and/or suspect; (Tot) - Total # of potential Asbestos sites; (Rd) - # Remediations required of Damaged and Friable asbestos sites; (NR) = Not Released for ordnance

Building/Site Uses/Concerns/BRAC Class Rationale

Building	Current Uses	Former Uses	Remark	Concern/BRAC Rationale
663			Location: West of Walnut Ave., north of I St., east of Bldg 1001	

MARE ISLAND ENVIRONMENTAL REPORT

Printed: 10/25/00

PARCEL NO: 01-J1

BRAC Property Class: 6

North Light Industry - Old Paint Factory

Parcel Usage

Planned Use North Light Industry

Current Uses: Naval Reserve Center; hazardous material storage

Former Uses: Paint factory; varnish factory; paint and oil storage

Topography/Geology/Soil/Water/Ecological

Flat low lying area at the north end of the shipyard. Bay mud (Qbm)/ Made land (Engineered fill)(Ma).

Estimated Area: 10.7636 Acres **Elevation:** 10 ft

Ground Water: Parcel 17-C previous tank located near this parcel.

Water Level: 7.5 ft. **Water Flow Direction:** Northerly

Archeological: None

Ecological: None

Environmental Summary

Adjacent Parcels: 6
 Buildings/Sites: 4
 Utilities by Parcels: 9
 IR Sites: 1
 Radon Survey: 1
 Closed Buildings: 4

No. of PA/SIParcels: 2
 Tanks/OWSs: 3
 PCB Contaminated Equipm: 0
 Ordnance Locations: 0
 Asbestos Sites: 26
 Closed Building Items: 44

Radiological Surveys: 0
 Number of Spills: 1
 Haz Waste Accumulation Sites: 0
 Haz Waste Storage Sites: 204
 Backflow Prevention Items: 5

Haz Waste Treatment Facilities: 0
 Historical Resources: 4
 Lead Paint Survey: 0
 Number of Parcel Closure Items: 12

Rationale for Initially Assigning BRAC Property Class - 7

Known contamination from old paint factory. Current IRP activities on going. Unknown AST actions required. IR17

Rationale for Revising BRAC Property Class

Area has been evaluated.

Adjacent Parcel Information

Direction	Adjacent Parcel No.	Prop Class	COMMENT
East	01-L1	6	Parcels are separated by Walnut Avenue.
East	01-L2	6	Parcels are separated by Walnut Avenue.
East	01-L3	1	Parcels are separated by Walnut Avenue.

PARCEL NO: 01-J1 BRAC Property Class: 6 North Light Industry - Old Paint Factory

Adjacent Parcel Information

Direction	Adjacent Parcel No.	Prop Class	COMMENT
North	01-J2	1	Parcels are separated by "L" Street.
South	01-I	6	Parcels are separated by "L" Street.
West	01-B	6	Parcels are separated by Cedar Avenue.

Building/Site Descriptive Data

Building	Map Quad	Type *	Name	Hist. Distr.	Remarks	Year Built	Year Demo	Total Sqft	Bldg Resp	Building Closure Date
517	J-2	P	Electric Substation			1941		1,116	SY	
519	J-2	D	Paint Factory (North of Bldg 503)		DATE DEMOLISHED UNKNOWN		UNK		SY	
567	J-2	D	Paint Drum Factory (North of Bldg 503)		DATE DEMOLISHED UNKNOWN	1942	1982		SY	
601	J-2	P	Storage - Hazmaterial			1942		80,000	SY	
807	K-2	D	Latrine				UNK		SY	
815	J-2	D	Women Rest Room				UNK		SY	
878	J-2	P	Sewer Pumphouse			1953		114	SY	
S13-08	J-2	D	Bomb Shelter			1942	1989	2,472	SY	

Building/Site Environmental Data Summary

Building	IR Sites	PA_SI Sites	HMS (#)	HW AS (Op)	HW AS (Cl)	HW TS	Haz Visual	PCB (Rm)	PCB (IP)	PCB Ord (NR)	Spills	ASB (Tot)	ASB (Rd)	UST (Rm)	UST (IP)	AST (Rm)	AST (IP)	OWS (Rm)	OWS (IP)	Lead Paint	NNPP GRAM	Radon Svry	
517								4				5											
519	IR17/																						
567	IR17/							1															
601			204								1	5	5										Y
807																							
815																							
878							1					1	1										
S13-08																							

Note: (#) = no. of sites/locations/spills/etc.; (Op) = # open; (Cl) = # closed; (Rm) = # removed; (IP) = # in place and/or suspect; (Tot) - Total # of potential Asbestos sites; (Rd) - # Remediations required of Damaged and Friable asbestos sites; (NR) = Not Released for ordinance

Building/Site Uses/Concerns/BRAC Class Rationale

Building	Current Uses	Former Uses	Remark	Concern/BRAC Rationale

MARE ISLAND ENVIRONMENTAL REPORT

Printed: 10/25/00

PARCEL NO: 01-HB BRAC Property Class: 6 Description: North Light Industry - Commissary

Building/Site Uses/Concerns/BRAC Class Rationale

Building	Current Uses	Former Uses	Remark	Concern/BRAC Rationale
544				
1011	Parking Lot; Building 1001	S of 499		
1009				
1007				
1005				
1001	Commissary.	None identified.	Location: North of I St., east of Cedar Ave.	None identified.

Utilities Summary

Identified Utilities	Description	PA/SI No.	IRP No.
ELECTRICAL			
FRESH WATER			
NATURAL GAS	4" STEEL MAIN GAS UNDER WEST SIDE OF WALNUT AVE.		
SANITARY SEWER	4" C.I. AT BLDG 1001 TO 6" VC TO 8" ACCMP TO 8" ACCMP EAST ALONG "I" ST		SWMU-106
STORM SEWER	PARKING LOT & "I" ST DRAINAGE TO 24" RCP ALONG WALNUT AVE. NORTH		SWMU-093
TRANSFORMERS	A list of all transformers is available on a separate utility report. Transformers with PCBs are listed on parcel, SEBS, and BCT reports in the PCB Contaminated Equipment table.		

Preliminary Assessment / Site Inspection Sites

PA/SI No.	CTO No.	Description
SWMU-106		SANITARY SEWER SYSTEM
SWMU-093		STORM SEWER SYSTEM

PCB Contaminated Equipment

Building	Equipment Type	Equipment No.	Relative Location	PCB		Volume	Status	Leaker
				Code	Level			
1001	Transformer	T-1653	Cedar St; In Back	<	1	230	Active	N
1001	Transformer	T-1628	Walnut Av; Lot	R	1	120	Removed	N

PCB Code: "**<**" - PCB level is less than (usually 1); "**=**" - PCB level has been verified by sampling; "**>**" - PCB level is greater than (usually 500); "**?**" - PCB level is not verified (usually refers to zero level); "**R**" - PCB level indicated before Removal/Replacement/Refilling of original unit

Radon Survey / Assessment Summary

Building	RSS Reading	RSS Detector	RAS Test Results	RAS No. of Detectors	Notes
1001			1.0/0.7	11	

MARE ISLAND ENVIRONMENTAL REPORT

Printed: 10/25/00

PARCEL NO: 01-HB BRAC Property Class: 6

Description: North Light Industry - Commissary

Asbestos Survey Summary

Building	Homo	ACM	Description	Location	Qty	Rating	Fri-a-ble	Con-dition	% Dam-age	Recommended	Comments	Status
663	H-1	A	Floor Tile, 12" Beige	Room 101	373 sf	PD-10	Non	ND	0	O&M		N
663	H-3	A	Coving Mastic, 4" Tan	Room 101	25 sf	PD-10	Non	ND	0	O&M		N
663	H-4	A	Roofing, Shingles Asphalt	Roof	490 sf	PD-10	Non	ND	0	O&M		N
1001	H-1	A	Floor Tile, 12" Off-White And Tan And Brown	Room 101, 102, 106, 107, 108, 109, 110, 128	7000 sf	D-9	Non	D	1	O&M	Floor tile was broken, cracked, and missing.	N
1001	H-2	A	Floor Tile, 12" Off-White And Grey/Brown	Room 101, 126	11000 sf	D-9	Non	D	1	O&M	Floor tile was broken, loose, and missing.	N
1001	H-3	A	Floor Tile, Light Brown Trim	Room 101	220 sf	D-7	Non	D	1	O&M	Floor tile was broken and missing.	N
1001	H-4	A	Floor Tile, 12" White And Grey	Room 101	222 sf	SD-10	Non	SD	10	O&M	Floor tile was loose, broken, warped, and generally water damaged.	N
1001	H-5	A	Floor Tile, 12" Light Grey W/Specles	Room 101	sf	PD-5	Non	ND	0	O&M		N
1001	H-6	A	Coving Mastic, 4" Black	Room 101, 102, 107, 108, 109, 110, 124, 125, 126, 128, 130	200 sf	D-7	Non	D	2	O&M	Coving was loose and missing, exposing mastic.	N
1001	H-7	A	Grout, Red 6" Ceramic Floor Tile	Room 115, 118	1800 sf	PD-5	Non	ND	0	O&M		N
1001	H-8	A	Grout, White 1" Ceramic Floor Tile	Room 103, 104, 111, 112, 113, 114	800 sf	PD-5	Non	ND	0	O&M		N
1001	H-9	A	Grout, 4" Ceramic Wall Tile	Room 103, 104, 112, 114	1200 sf	PD-5	Non	ND	0	O&M		N
1001	H-10	A	Mortar, 8" Concrete Block	Room 101, 106, 107, and Exterior	1400 sf	PD-5	Non	ND	0	O&M		N
1001	H-11	A	Grout, 6" Cove Base Tile	Room 105, 111, 113	50 sf	PD-5	Non	ND	0	O&M		N
1001	H-18	A	Roofing, Tar And Gravel	Roof	36000 sf	PD-6	Non	ND	0	O&M		N

Legend ACM: Y = Yes by sample, N = None by sample, A = Yes by visual inspection Condition: SD = Significantly Damaged, D = Damaged, PD = Potential for Damage, ND = No Damage Qty: SF = Square Feet, LF = Linear Feet Recommended Action: O&M = Operation & Maintenance Status: R = Remediation Required, C = Remediation Completed, N = No Work, Sat. as IL.

Backflow Prevention and Cross-Connection Survey

Building	Location	Potential Hazard or Comment	Corrective Action or Comment	Degree of Hazard
1001		No deficiencies found.		

Note: The Backflow Prevention and Cross-Connection Survey Report information is a listing of what buildings or locations have Backflow Preventors in the drinking water system throughout Mare Island. The report also lists any potential hazards or comments concerning potential hazards and the correcting actions or comments. Also listed is the degree of hazard for each preventor. For further information see the actual Backflow Prevention and Cross-Connection Survey Report.

MARE ISLAND ENVIRONMENTAL REPORT

Printed: 10/25/00

PARCEL NO: 01-HB BRAC Property Class: 6 Description: North Light Industry - Commissary

Building Closure File Information

Building	Check List No.	Def Item No.	Concern Code	Description of Problem	Correction Comment	Prob Corrected	Date of Correction
663	8A	1	30	Asbestos survey	Survey completed	YES	3/25/97
1001	4.i	8	99	External 25-gal fuel tank.	Addressed and resolved.	NA	
1001	4.i	4	99	Bucket (1/4 full of roof cement). Also item 7.	Removed.	Yes	3/29/95
1001	4.i	7	31	External lead-acid batteries.	Addressed and resolved.	NA	
1001	4.i	6	31	Backup Diesel Motor-Generator. Also item 7.	Addressed and resolved.	NA	
1001	5.a		30	Asbestos Survey required. Also item 7.-	No damaged or friable found.	Yes	5/2/95
1001	4.i	3	28	Broken fluorescent tubes on floor. Also items 6.b(2) and 7.	Removed.	Yes	3/29/95
1001	4.i	5	6	Sumps with unknown liquid(s). Also items 6.b(2) and 7.	No further action required.	NA	
1001	4.i	2	6	Oil-stained equipment. Also items 6.b(2) and 7.	No PCBs. No further action required.	NA	
1001	4.i	1	6	Unknown stains on floor. Also items 6.b(2) and 7.	No further action required.	NA	

Parcel Closure File Information (For Total Parcel 01-H)

Check List	Def Item	Concern	Description of Problem	Correction Comment	Prob Corrected	Date of Correction
A		27	Subsidence area	Info only	NA	
9	2	21	HAZMAT storage shed	Addressed and resolved	Yes	8/22/95
2		1	Adjacent IR site, incomplete groundwater info	Info only	NA	
1	1	99	Building 663 not on parcel bldg list	Info only	NA	

PARCEL NO: 01-J1 BRAC Property Class: 6 North Light Industry - Old Paint Factory

Building/Site Uses/Concerns/BRAC Class Rationale

Building	Current Uses	Former Uses	Remark	Concern/BRAC Rationale
S13-08				
878			Location: South of "L" St., west of Walnut Ave., west of bldg 601	
815			Location: North of Bldg. 503	
807			Location: Northwest of Bldg. 503	
601	Hazardous material storage.	Paint and oil storage.	Location: West of Walnut Ave., between "K" St. and "L" Street	Hazardous material storage in building; HazMat spill in building (unknown response).
567	Demolished			
519	Demolished			
517			Location: North of "J" St., west of Walnut Ave., east of bldg 503	

Utilities Summary

Identified Utilities	Description	PA/SI No.	IRP No.
COMPRESSED AIR			
ELECTRICAL			
FRESH WATER			
NATURAL GAS			
SALT WATER	ABANDONED	SWMU-106	
SANITARY SEWER			
STEAM			
STORM SEWER		SWMU-093	
TRANSFORMERS	A list of all transformers is available on a separate utility report. Transformers with PCBs are listed on parcel, SEBS, and BCT reports in the PCB Contaminated Equipment table.		

Installation Restoration Program Sites

IR No.	Name	Status	Relative Location	General Area / Building	Substances
17	Old Paint Shop Foundation	Declared	North of building 503	503	Paints, varnishes, solvents; Constituents of Concern: heavy metals, VOCs, SVOCs, PCBs

Preliminary Assessment / Site Inspection Sites

PA/SI No.	CTO No.	Description
SWMU-106		SANITARY SEWER SYSTEM
SWMU-093		STORM SEWER SYSTEM

PARCEL NO: 01-J1 BRAC Property Class: 6 North Light Industry - Old Paint Factory

PCB Contaminated Equipment

Note: Transformers, Circuit Breakers, and Rocker Arms only.

Building	Equipment Type	Equipment No.	Relative Location	PCB Code	PCB Level	Volume (gal.)	Status	Leaker
517	Transformer	T-0787	Walnut Av; Inside	R	1	88	Removed	Y
517	Transformer	T-0786	Walnut Av; Inside	R	21.1	88	Removed	Y
517	Transformer	T-0785	Walnut Av; Inside	R	6.08	88	Removed	Y
517	Transformer	T-0668	Railroad Av; Inside	R	2.8	76	Removed	Y
567	Transformer	T-0878	Walnut Av; Behind 601	R	500	55	Removed	Y

PCB Code: "<" - PCB level is less than (usually 1); "-" - PCB level has been verified by sampling; ">" - PCB level is greater than (usually 500); "?" - PCB level is not verified (usually refers to zero level); "R" - PCB level indicated before Removal/Replacement/Refilling of original unit

Spill History

Building	HWCN	Direction	Relative Location	Substance	Quantity	Date	Released To	Comments
601	0382-93	E		Paint	5 gal	10/8/93	Concrete	

Hazardous Material Storage Sites

Building	MSDS No.	Code	Location	Description	Quantity
601	M/00221- 5998	562/55-52		EPOXY ADHESIVE	.8 LB
	M/00221- 6538	562/55-52		KODAK S ACTIVATOR	40 LB
	M/00221- 6529	562/55-52		GASKET SEALANT	60 LB
	M/00221- 6458	562/55-52		PAINT THINNER	176 LB
	M/00221- 6453	562/55-52		XYLENE	5600 LB
	M/00221- 6435	562/55-52		MOMOETHANOLANIDE	440 LB
	M/00221- 6324	562/55-52		NEOLUBE GRAPHITE	470 LB
	M/00221- 6324	562/55-52		NEOLUBE GRAPHITE	15.31 LB
	M/00221- 6309	562/55-52		NICKLE ACID SDS 5600	64 LB
	M/00221- 6243	562/55-52		ALL PURPOSE CLEANER	2200 LB
	M/00221- 6239	562/55-52		GREASE PLUG VALVE	4 LB
	M/00221- 4826	562/55-52		SODIUM GLUCOMATE	500 LB
	M/00221- 6010	562/55-52		CALLA 305	1280 LB
	M/00221- 6606	562/55-52		PIPE TITE STICK JOINT COMPOUND	12.5 LB
	M/00221- 5948	562/55-52		ANTISEIZE COMPOUND	40 LB
	M/00221- 5922	562/55-52		BLACK PAINT	2400 LB
	M/00221- 5706	562/55-52		NEPSEAL 30	32 LB
	M/00221- 5642	562/55-52		CONTACT CLEANER	30 LB
	M/00221- 5503	562/55-52		2075 TH OIL	80 LB
	M/00221- 5503	562/55-52		2075 TH LUBE OIL	5280 LB

MARE ISLAND ENVIRONMENTAL REPORT

Printed: 10/25/00

PARCEL NO: 01-J1

BRAC Property Class: 6

North Light Industry - Old Paint Factory

Hazardous Material Storage Sites

Building	MSDS No.	Code	Location	Description	Quantity
	M/00221- 5358	562/55-52		LOCTITE PRIMER	9.38 LB
	M/00221- 5239	562/55-52		P.V.C. GLUE	32 LB
	M/00221- 5068	562/55-52		RED PAINT FORMULA 121	3200 LB
	M/00221- 7407	562/55-52		FLOOR POLISH REMOVER	160 LB
	M/00221- 6044	562/55-52		ALCOHOL BUTYL	4000 LB
	M/00221- 6871	562/55-52		NEATS FOOT OIL	4 LB
	M/00221-	562/55-52			
	M/00221- 7352	562/55-52		CHEVRON PINION GREASE MS-SP (SPRAY)	34 LB
	M/00221- 7310	562/55-52		DEGREASER SPRAY	100 LB
	M/00221- 7199	562/55-52		BLUE LAYOUT DYE	40 LB
	M/00221- 7148	562/55-52		GREASE EXTREME PRESSURE	12 LB
	M/00221- 7137	562/55-52		MEDIUM GRAY PAINT	2440 LB
	M/00221- 7106	562/55-52		SUPER HD 10W-30	320 LB
	M/00221- 7105	562/55-52		GEAR OIL SPINAX HD SHELL 85W-140	1600 LB
	M/00221- 6941	562/55-52		GREASE ROLLER & BALL BEARING	25 LB
	M/00221- 6941	562/55-52		GREASE BALL & ROLLER BEARING	40 LB
	M/00221- 6586	562/55-52		LOCTITE	3.13 LB
	M/00221- 6895	562/55-52		SNOOP DETECTOR	80 LB
	M/00221- 6598	562/55-52		ENAMEL WHITE INTERIOR	32 LB
	M/00221- 6830	562/55-52		FLEXICOLOR BLEACHIII	96 LB
	M/00221- 6829	562/55-52		LUBE OIL MS2190 TEP	880 LB
	M/00221- 6807	562/55-52		LOCTITE PRIMER	1.25 LB
	M/00221- 6769	562/55-52		OIL HDO-30	1600 LB
	M/00221- 6743	562/55-52		P.V.C. PRIMER	120 LB
	M/00221- 6736	562/55-52		INK GLOSS ENAMEL SCREEN	32 LB
	M/00221- 6694	562/55-52		GENERAL PURPOSE DETERGENT	400 LB
	M/00221- 6673	562/55-52		SILICONE COMPOUND	5 LB
	M/00221- 6665	562/55-52		HYDRAULIC FLUID	64 LB
	M/00221- 6619	562/55-52		ALUMINUM OXIDE	1880 LB
	M/00221- 4760	562/55-52		PENETRANT	32 LB
	M/00221- 6910	562/55-52		PAINT MARKERS	0.88 LB
	M/00221- 1422	562/55-52		PAINT REMOVER (JASCO)	128 LB
	M/00221- 2991	562/55-52		NICKEL HIGH SPEED ACID SPS 5644	480 LB
	M/00221- 2969	562/55-52		MURPHY'S OIL SOAP	100 LB

PARCEL NO: 01-J1

BRAC Property Class: 6

North Light Industry - Old Paint Factory

Hazardous Material Storage Sites

Building	MSDS No.	Code	Location	Description	Quantity
	M/00221- 2965	562/55-52		ACETONE	1440 LB
	M/00221- 2925	562/55-52		MOBIL OIL DTE26	3520 LB
	M/00221- 2902	562/55-52		REMOVER E-59	96 LB
	M/00221- 2649	562/55-52		STOP BATH ROYAL PRINT ACTIVATOR	64 LB
	M/00221- 2544	562/55-52		BAR-S-LEAK	10 LB
	M/00221- 2539	562/55-52		HC-110 DEVELOPER	32 LB
	M/00221- 2432	562/55-52		KODAK ROYAL PRINT FIXER	120 LB
	M/00221- 2295	562/55-52		ZINCOXIDE PUTTY	184 LB
	M/00221- 4856	562/55-52		ANTIZEIZE COMPOUND SPRAY	48 LB
	M/00221- 1656	562/55-52		DYKEM HI-SPOT RED	6.25 LB
	M/00221- 3132	562/55-52		1 SHOT ENAMEL LETTERING WHITE	48 LB
	M/00221- 1316	562/55-52		ZEP OLD SMOKE	104 LB
	M/00221- 1209	562/55-52		HYDROCHLORIC ACID	200 LB
	M/00221- 1092	562/55-52		DATAKOTE GLOSS(SPRAY)	24 LB
	M/00221- 1071	562/55-52		LENS CLEANER SPRAY	.50 LB
	M/00221- 371	562/55-52		SPRAY GLUE	144 LB
	M/00221- 369	562/55-52		FAST BOND 30 ADHESIVE	400 LB
	M/00221- 229	562/55-52		ANCHORLUBE	160 LB
	M/00221- 217	562/55-52		INK REMOVER	240 LB
	M/00221- 145	562/55-52		CONTACT CLEANER	30 LB
	M/00221- 119	562/55-52		LAYOUT FLUID BLUE	20 LB
	M/00221- 2128	562/55-52		PLASTIC ROOF CEMENT	32 LB
	M/00221- 4409	562/55-52		ANTIFREEZE	400 LB
	M/00221- 4720	562/55-52		GASKET COMPOUND #TYNE 2	48 LB
	M/00221- 4720	562/55-52		GASKET COMPOUND	12 LB
	M/00221- 4710	562/55-52		TURBINE OIL ISO 32	1760 LB
	M/00221- 4643	562/55-52		INTERIOR FLAT LATEX WHITE PAINT	320 LB
	M/00221- 4618	562/55-52		SAFETY RED PAINT	96 LB
	M/00221- 4618	562/55-52		SAFETY BLUE PAINT 70-82	64 LB
	M/00221- 4618	562/55-52		PAINT SAFETY GREEN	64 LB
	M/00221- 4618	562/55-52		BREAKTHROUGH PAINT SAFETY YELLOW 70-46	512 LB
	M/00221- 4549	562/55-52		M TONER	12 LB
	M/00221- 4505	562/55-52		2700/3700 XEROX DRYIMAGER TONER	20 LB
	M/00221- 2998	562/55-52		DEVELOPER D-70 SPRAY	37.5 LB

PARCEL NO: 01-J1

BRAC Property Class: 6

North Light Industry - Old Paint Factory

Hazardous Material Storage Sites

Building	MSDS No.	Code	Location	Description	Quantity
	M/00221- 4424	562/55-52		FLOOR WAS	240 LB
	M/00221- 3097	562/55-52		WHITE PAINT FIRE RETARDENT	320 LB
	M/00221- 4397	562/55-52		LUBRIPLATE	30 LB
	M/00221- 4179	562/55-52		GEAR OIL 80W-90	1600 LB
	M/00221- 3974	562/55-52		VANISOL DISINFECTANT	1120 LB
	M/00221- 3845	562/55-52		SULFURIC ACID	2640 LB
	M/00221- 3717	562/55-52		ELECTROCLEAN SCM 4100	2000 LB
	M/00221- 3671	562/55-52		SIMPLE GREEN	8000 LB
	M/00221- 3580	562/55-52		#2 SOLVENT	112 LB
	M/00221- 3436	562/55-52		BLUEING	11.5 LB
	M/00221- 3132	562/55-52		1 SHOT NAMEL LETTERING YELLOW	32 LB
	M/00221- 3132	562/55-52		1 SHOT LETTERING ENAMEL RED	16 LB
	M/00221- 7410	562/55-52		HALOCARBON GREASE	18 LB
	M/00221- 4475	562/55-52		MT TONER (POWDER) RP505-RD-509	60 LB
	M/00221- 10483	562/55-52		P.V.C. CEMENT	320 LB
	M/00221- 11731	562/55-52		RED ENAMEL PAINT	960 LB
	M/00221- 11638	562/55-52		BREAKTHROUGH PAINT COLONIAL GREEN 70-78	160 LB
	M/00221- 11282	562/55-52		LEX PEN	18 LB
	M/00221- 11281	562/55-52		LEX PEN	9 LB
	M/00221- 11013	562/55-52		BREAKTHROUGH PAINT ORANGE 70-50	192 LB
	M/00221- 10982	562/55-52		ADHESIVE ASPHALT	32 LB
	M/00221- 10954	562/55-52		GENERAL PURPOSE GREASE	240 LB
	M/00221- 10954	562/55-52		AERO SHELL GREASE	40 LB
	M/00221- 10873	562/55-52		LAPPING COMPOUND GRADE GSC1000	3.13 LB
	M/00221- 10823	562/55-52		STARTING FLUID	62.5 LB
	M/00221- 10242	562/55-52		BLUE SILICONE RTV	16.88 LB
	M/00221- 10570	562/55-52		LUBE OIL 30W	240 LB
	M/00221- 11793	562/55-52		PAINT EPOXY PRIMER FORMULA 150	3200 LB
	M/00221- 10402	562/55-52		ACTIVATING SOLUTION SCS 4200	1824 LB
	M/00221- 10398	562/55-52		MOBIL OIL DTE 25	3520 LB
	M/00221- 10395	562/55-52		PAINT EPOXY RED FORMULA 156	2400 LB
	M/00221- 10394	562/55-52		ACETONE	160 LB
	M/00221- 10391	562/55-52		NICKEL SPECIAL SPS 5630	400 LB
	M/00221- 10391	562/55-52		HIGH SPEED COPPER ACID SPS 5260	75 LB

PARCEL NO: 01-J1

BRAC Property Class: 6

North Light Industry - Old Paint Factory

Hazardous Material Storage Sites

Building	MSDS No.	Code	Location	Description	Quantity
	M/00221-10364	562/55-52		THINNER ENAMEL	160 LB
	M/00221-10362	562/55-52		BREAKTHROUGH PAINT CORDOVAN BROWN 70-31	480 LB
	M/00221-10346	562/55-52		ALUMINUM PAINT	240 LB
	M/00221-7362	562/55-52		ALCOHOL ETHYL	1600 LB
	M/00221-10601	562/55-52		CORROSION PREVENTIVE	8 LB
	M/00221-11832	562/55-52		LACQUER GLOSS BLACK	24 LB
	M/00221-11890	562/55-52		DTE HEAVY OIL	1760 LB
	M/00221-11848	562/55-52		LUB OIL GEAR 85W-140	1120 LB
	M/00221-11847	562/55-52		CORROSION PREVENTIVE	48 LB
	M/00221-11846	562/55-52		COPPER ALKALINE SPS 3280	264 LB
	M/00221-11844	562/55-52		TONER PRE-MIX	800 LB
	M/00221-11843	562/55-52		DEVELOPER PHOTOGRAPHIC	120 LB
	M/00221-11842	562/55-52		FLEXICOLOR DEVELOPER	3 LB
	M/00221-11841	562/55-52		MOLYBDENUM DISULFIDE	4 LB
	M/00221-11840	562/55-52		METHAL ETHYL KEYTONE	80 LB
	M/00221-11835	562/55-52		PAINT EPOXY HAZE GRAYFORMULA 151	9600 LB
	M/00221-11734	562/55-52		LOCTITE	3.13 LB
	M/00221-11833	562/55-52		RED AUTO PAINT CENTARI	32 LB
	M/00221-11771	562/55-52		GLASS CLEANER	75 LB
	M/00221-11831	562/55-52		GRAY GLOSS ENAMEL PAINT	16 LB
	M/00221-11830	562/55-52		BLACK GLOSS PAINT	24 LB
	M/00221-11829	562/55-52		INDUSTRIAL RED ENAMEL PAINT 600	64 LB
	M/00221-11828	562/55-52		ORANGE ENAMEL PAINT	64 LB
	M/00221-11827	562/55-52		BLEACH	960 LB
	M/00221-11825	562/55-52		GRAY PAINT	600 LB
	M/00221-11824	562/55-52		WAY LUBRICANT 68	880 LB
	M/00221-11824	562/55-52		LUBE OIL REFERATION	768 LB
	M/00221-11823	562/55-52		SUPER BLACKASH TONER	2000 LB
	M/00221-11822	562/55-52		METHYL ISOBUTYL KEYTONE	1200 LB
	M/00221-10232	562/55-52		TYPE H CONCENTRATE TONER	80 LB
	M/00221-11834	562/55-52		FORMUAL A6 ENAMEL WHITE GLOSS	16 LB
	M/00221-8227	562/55-52		KODAK FIXER	160 LB
	M/00221-8733	562/55-52		ADHESIVE SOLVENT CEMENT	8 LB
	M/00221-8715	562/55-52		PENETRATING OIL	40 LB

PARCEL NO: 01-J1

BRAC Property Class: 6

North Light Industry - Old Paint Factory

Hazardous Material Storage Sites

Building	MSDS No.	Code	Location	Description	Quantity
	M/00221- 8646	562/55-52		SILICONE COMPOUND (HEATSINK)	7.5 LB
	M/00221- 8572	562/55-52		ANTISEIZE LUBRICANT	27 LB
	M/00221- 8572	562/55-52		ANTISEIZE LUBRICANT	6.25 LB
	M/00221- 8518	562/55-52		RELEASE COMPOUND #57	7.5 LB
	M/00221- 8496	562/55-52		PIPE JOINT COMPOUND	40 LB
	M/00221- 8480	562/55-52		GLYPHTAL (SPRAY)	46 LB
	M/00221- 8351	562/55-52		CAR BATTERY (ACID TYPE)	8 LB
	M/00221- 8275	562/55-52		RUBBER CEMENT	10 CN
	M/00221- 10345	562/55-52		ZINC PRIMER	160 LB
	M/00221- 8251	562/55-52		GLYCERIN USP	8 LB
	M/00221- 8936	562/55-52		LAPPING COMPOUND 240 GRIT	2 LB
	M/00221- 8115	562/55-52		POR-ROC	500 LB
	M/00221- 7975	562/55-52		FLOOR WAX	80 LB
	M/00221- 7870	562/55-52		GENERAL PURPOSE CLEANER	160 LB
	M/00221- 7864	562/55-52		METAL POLISH	48 LB
	M/00221- 7634	562/55-52		LUBE OIL 2110TH	4400 LB
	M/00221- 7587	562/55-52		WHITE GLUE	6.75 LB
	M/00221- 7559	562/55-52		DISINFECTANT/CLEANER	288 LB
	M/00221- 7492	562/55-52		ISOPROPYL ALCOHOL	1440 LB
	M/00221- 7465	562/55-52		CLEANING SOLVENT	800 LB
	M/00221- 7464	562/55-52		DEGREASER/CLEANER	112 LB
	M/00221- 8275	562/55-52		RUBBER CEMENT	4 LB
	M/00221- 9312	562/55-52		LUBE OIL INSTRUMENT	1.25 LB
	M/00221- 10232	562/55-52		TYPE A TONER PRE-MIX	200 LB
	M/00221- 10022	562/55-52		PLASTIC ADHESIVE	80 LB
	M/00221- 9989	562/55-52		PLASTER	24 LB
	M/00221- 9978	562/55-52		DATAKOTE CLEAR GLOSS	3.13 LB
	M/00221- 9841	562/55-52		DRY CLEANING SOLVENT	80 LB
	M/00221- 9827	562/55-52		LENS POLISH	50 LB
	M/00221- 9623	562/55-52		ANTISEIZECOMPOUND	16 LB
	M/00221- 9463	562/55-52		TRIPPLE BOTTLED LEENSEED OIL	16 LB
	M/00221- 9458	562/55-52		MOLYBDENUM DISULFIDE (POWDER)	10 LB
	M/00221- 9353	562/55-52		GASKET SEALANT #TYNE 3 AIRCRAFT	14 LB
	M/00221- 8844	562/55-52		AJAX	100 LB

PARCEL NO: 01-J1 BRAC Property Class: 6 North Light Industry - Old Paint Factory

Hazardous Material Storage Sites

Building	MISDS No.	Code	Location	Description	Quantity
	M/00221- 9312	562/55-52		LUBE OIL INSTRUMENT	6.75 LB
	M/00221- 8916	562/55-52		METHYL SALICYLATE, NF	25 LB
	M/00221- 9303	562/55-52		CIMTAP	40 LB
	M/00221- 9265	562/55-52		KEROSENE	4000 LB
	M/00221- 9259	562/55-52		ANTISEIZE COMPOUND	48 LB
	M/00221- 9166	562/55-52		LACQUER THINNER	320 LB
	M/00221- 9166	562/55-52		LACQUER THINNER	200 LB
	M/00221- 9057	562/55-52		TRISODIUM PHOSPHATE ANHYDROUS	1200 LB
	M/00221- 9036	562/55-52		520 ADHESIVE	80 LB
	M/00221- 8944	562/55-52		ENAMEL REDUCER	192 LB
	M/00221- 8936	562/55-52		LAPPINGCOMPOUND 220 GRIT	94 LB
	M/00221- 8936	562/55-52		LAPPING COMPOUND 400 GRIT	24 LB
	M/00221-00030	562/55-52		GENERAL PURPOSE DETERGENT	72 LB
	M/00221- 9353	562/55-52		GASKET SEALANT	10 LB

Radon Survey / Assessment Summary

Building	RSS Reading	RSS Detector	RAS Test Results	RAS No. of Detectors	Notes
601			1,2/1.1	6	

Asbestos Survey Summary

Building	Homo Area	ACM	Description	Location	Qty	Rating	Fri-able	Condi-tion	% Dam-age	Recommended Action	Comments	Status
517	H-1	Y	Glazing, Around Vent	Room 101 Exterior	12 lf	D-4	Non	D	1	O&M	Glazing had cracks and chips.	N
517	H-2	Y	Glazing, Door Vent	Room 101 Exterior	18 lf	D-4	Non	D	1	O&M	Glazing had cracks and chips.	N
517	H-3	Y	TSI, 3" Pipe	Room 102	1 lf	SD-15	High	SD	50	Remove/Repair/O&M	TSI was torn and loose.	C
517	H-4	Y	TSI, 3" Fitting	Room 102	1 lf	SD-16	High	SD	80	Remove/Repair/O&M	TSI was torn and loose.	C
517	H-5	A	Roofing, Tar And Gravel	Roof	1116 sf	D-5	Non	D	1	O&M	Roofing had a couple of worn spots (water damage).	N
601	H-2	A	Mortar And Glass Block Windows	Storeroom 1, 2, 3, 4	1200 sf	PD-5	Non	ND	0	O&M		N
601	H-3	A	Coving Mastic, 4" Black	Room 01, 02	34 sf	PD-5	Non	ND	0	O&M		N
601	H-5	A	Roofing, Tar And Gravel	Roof	40000 sf	PD-6	Non	ND	0	O&M		N

PARCEL NO: 01-J1

BRAC Property Class: 6

North Light Industry - Old Paint Factory

Asbestos Survey Summary

Building	Homo Area	ACM	Description	Location	Qty	Rating	Fri-Cond- tion able	% Dam- age	Recommended Action	Comments	Status
601	H-6	A	Fire Door	Room 03	20 sf	PD-5	Non	0	O&M	There was one fire door.	N
601	H-7	Y	Caulking	Roof	1200 lf	D-18	Low	2	Repair/O&M	Caulking was cracked and broken with pieces missing.	C
878	H-1	A	Roofing, Tar And Gravel	Roof	99 sf	PD-3	Non	0	O&M		N

Legend: ACM: Y = Yes by sample, N = None by sample, A = Yes by visual inspection Condition: SD = Significantly Damaged, D = Damaged, PD = Potential for Damage, ND = No Damage
 Qty: SF = Square Feet, LF = Linear Feet Recommended Action: OM = Operation Maintenance Status: R = Remediation Required, C = Remediation Completed, N = No Work, Sat. as it.

Backflow Prevention and Cross-Connection Survey

Building	Location	Potential Hazard or Comment	Corrective Action or Comment	Degree of Hazard
878		No water service.		
601	Outside, NE	Leaking underground line to RPBA.		
601	Inside	No deficiencies found.	Repair leaking line.	High

Note: The Backflow Prevention and Cross-Connection Survey Report information is a listing of what buildings or locations have Backflow Preventors in the drinking water system throughout Mare Island. The report also lists any potential hazards or comments concerning potential hazards and the correcting actions or comments. Also listed is the degree of hazard for each preventor For further information see the actual Backflow Prevention and Cross-Connection Survey Report.

Building Closure File Information

Building	Check List No.	Def Item No.	Concern Code	Description of Problem	Correction Comment	Prob Corrected	Date of Correction
517	7	2	7	Chemicals (removable) abandoned	Survey completed		12/12/96
517	7	1	6	Transformer with no leakage	Survey completed		12/12/96
517	8A		30	Asbestos survey	Survey completed		8/30/96
601	6b		31	Facility eqmt present	Info only		
601	3h		7	Oil storage facility, site 2.23	Info only		
601	4f	4	38	Electrical box cover missing	Addressed & resolved	Yes	1/23/96
601	4i		21	HAZMAT storage	None now present	Yes	1/23/96
601	5a		30	Asbestos survey required	Lack of funding	No	
601	6a	8	6	Hand pallet jack, possible PCBs	Removed	Yes	1/23/96
601	6b	5	6	Roll-up door, possible PCBs	Checked, found no oil	Yes	1/23/96
601	7	1	31	Water heater	Info only		
601	7	2	43	Broken window	Cleared	Yes	1/25/96

PARCEL NO: 01-J1

BRAC Property Class: 6

North Light Industry - Old Paint Factory

Building Closure File Information

Building	Check List No.	Def Item No.	Concern Code	Description of Problem	Correction Comment	Prob Corrected	Date of Correction
601	7	3	7	Non-oil stain on floor	No action required	Yes	1/9/96
601	7	6	29	Chipped paint	Removed	Yes	1/11/96
601	7	7	7	Battery acid residue in alarm box	Cleaned	Yes	1/9/96
601	6a		31	Production eqmt present	Info only		
878	8a		30	Asbestos survey	Survey completed	Yes	4/1/96
878	8a		30	Asbestos survey	Survey completed	Yes	4/1/96

Parcel Closure File Information

Check List No.	Def Item No.	Concern Code	Description of Problem	Correction Comment	Prob Corrected	Date of Correction
9	4	21	HAZMAT flammable storage locker	Info only	NA	
6	3	3	Suspected UST @ Bldg 503	Lack of funding	No	
6	2	3	AST 4,000 gal diesel @ Bl.503	Cleaned	Yes	1/5/96
2	1	1	IR-17 paint shop	Info only	NA	
15	9	99	Six wooden crates	Info only	NA	
15	12	36	Vault	Info only	NA	
15	11	28	Open storm drain	Cleared	Yes	2/21/96
15	10	31	Five trailers	Info only	NA	
14	8	31	Storage container	Info only	NA	
14	7	28	3 Acetylene cylinders	Removed	Yes	1/22/96
14	6	5	40 Radioactive waste containers	Contractor material	Yes	1/22/96
14	5	99	Non-hazardous drum	Removed	Yes	1/22/96

MARE ISLAND ENVIRONMENTAL REPORT

Printed: 10/25/00

PARCEL NO: 01-J2A **BRAC Property Class: 1** **Description: North Light Industry - Empty Lot**

Parcel Usage

Planned Use: North Light Industry
Current Uses: Vacant lot used for open storage
Former Uses: Quarters - north ship barracks

Topography/Geology/Soil/Water/Ecological

Flat low lying area at north end of the shipyard. Bay mud (Qbm)/Made land (Engineered fill)(Ma).
Estimated Area: 4.12 Acres **Elevation:** 8 ft
Ground Water: Parcel 01-J1; IR site 17 (old paint factory); from current sampling, it does not appear to affect this parcel. **Archeological:** None
Water Level: 6.5 ft. **Water Flow Direction:** Northerly **Ecological:** None

Environmental Summary

Adjacent Parcels:	5	No. of PA/SI Parcels:	2	Radiological Surveys:	0	Haz Waste Treatment Facilities:	0
Buildings/Sites:	0	Tanks/OWSs:	0	Number of Spills:	0	Historical Resources:	0
Utilities by Parcels:	7	PCB Contaminated Equipm:	0	Haz Waste Accumulation Sites:	0	Lead Paint Survey:	0
IR Sites:	0	Ordnance Locations:	0	Haz Waste Storage Sites:	0	Number of Parcel Closure Items:	4
Radon Survey:	0	Asbestos Sites:	0	Backflow Prevention Items:	0		
Closed Buildings:	0	Closed Building Items:	0				

Rationale for Initially Assigning BRAC Property Class - 7

This land has only been used as a quarters area. It is the former site of the North Ship Barracks. Concern for possible contamination from Parcel 01-J1. Man made landfill. Concern for proximity to IR site and incomplete groundwater information.

Rationale for Revising BRAC Property Class

Area has been evaluated and no contamination was found.

Adjacent Parcel Information

Direction	Adjacent Parcel No.	Prop Class	COMMENT
East	01-L3A	1	Parcels are separated by Walnut Avenue.

MARE ISLAND ENVIRONMENTAL REPORT

Printed: 10/25/00

PARCEL NO: 01-J2A

BRAC Property Class: 1

Description: North Light Industry - Empty Lot

Adjacent Parcel Information

Direction	Adjacent Parcel No.	Prop Class	COMMENT
North	01-J3	1	Parcels are separated by "M" Street.
North	01-J4	1	Parcels are separated by "M" Street.
South	01-J1	6	Parcels are separated by "L" Street.
West	01-J2B	6	

Building/Site Descriptive Data

Building	Map Quad	Type	Name	Hist. Distr.	Remarks	Year Demo	Total SqFt	Bldg Resp	Building Closure Date
741	J-2	D	Quarters - Storage			UNK		SY	
743	J-2	D	Quarters			UNK		SY	
745	J-2	D	Quarters			UNK		SY	
767	K-2	D	Bachelor Enlisted Quarter (North of Bldg 601)			UNK	19,220	SY	
WAYS 4(A)	K-2	D				UNK		SY	

Building/Site Environmental Data Summary

Building	IR Sites	PA_SI Sites	HMS	HW AS (Op)	HW AS (Cl)	HW TS	Haz Vis	PCB	PCB Ord	Spills	ASB (Tot)	ASB (Rd)	UST (Rm)	UST (IP)	AST (Rm)	AST	OWS	OWS Lead	NNPP	GRAM	Ra- don	
741																						
743																						
745																						
767																						
WAYS 4(A)																						

Note: (#) = no. of sites/locations/spills/etc.; (Op) = # open; (Cl) = # closed; (Rm) = # removed; (IP) = # in place and/or suspect; (Tot) - Total # of potential Asbestos sites; (Rd) - # Remediations required of Damaged and Friable asbestos sites; (NR) = Not Released for ordnance

Building/Site Uses/Concerns/BRAC Class Rationale

Building	Current Uses	Former Uses	Remark	Concern/BRAC Rationale
WAYS 4(A)				
767	Demolished		Location: 2 Locations for WAYS 4 Location: North of building 601.	

MARE ISLAND ENVIRONMENTAL REPORT

Printed: 10/25/00

PARCEL NO: 01-J2A

BRAC Property Class: 1

Description: North Light Industry - Empty Lot

Utilities Summary

Identified Utilities	Description	PA/SI No.	IRP No.
ELECTRICAL			
FRESH WATER			
NATURAL GAS			
SALT WATER	ABANDONED		
SANITARY SEWER	ALONG EDGE OF PARCEL. NO CONNECTIONS ON THIS PARCEL	SWMU-106	
STORM SEWER		SWMU-093	
TRANSFORMERS	A list of all transformers is available on a separate utility report. Transformers with PCBs are listed on parcel, SEBS, and BCT reports in the PCB Contaminated Equipment table.		

Preliminary Assessment / Site Inspection Sites

PA/SI No.	CTO No.	Description
SWMU-106		SANITARY SEWER SYSTEM
SWMU-093		STORM SEWER SYSTEM

Parcel Closure File Information (For Total Parcel 01-J2)

Check List	Def Item	Concern	Description of Problem	Correction Comment	Prob Corrected	Date of Correction
8		6	Transformer T-1949 was found to be not potential PCB contamination due to non-leaking and non PCB PWC transformer report.		Yes	4/22/96
8		6	Potential PCB reels of electrical cable have been addressed and resolved.		Yes	4/22/96
8		6	Transformer at corner of L and Cedar has been addressed and resolved.		Yes	4/22/96
15		6	High voltage cable on spools were sampled or confirmed to be PCB free.		Yes	4/22/96

MARE ISLAND ENVIRONMENTAL REPORT

Printed: 10/25/00

PARCEL NO: 01-J2B **BRAC Property Class: 6** **Description: North Light Industry - Empty Lot**

Parcel Usage

Planned Use: North Light Industry
Current Uses: Vacant lot used for open storage
Former Uses: Quarters - north ship barracks

Topography/Geology/Soil/Water/Ecological

Flat low lying area at north end of the shipyard. Bay mud (Qbm)/Made land (Engineered fill)(Ma).
Estimated Area: 0.69 Acres **Elevation:** 8 ft
Ground Water: Parcel 01-J1; IR site 17 (old paint factory); from current sampling, it does not appear to affect this parcel. **Archeological:** None
Water Level: 6.5 ft. **Water Flow Direction:** Northerly **Ecological:** None

Environmental Summary

Adjacent Parcels:	4	No. of PA/SIParcel:	2	Radiological Surveys:	0	Haz Waste Treatment Facilities:	0
Buildings/Sites:	0	Tanks/OWSs:	0	Number of Spills:	0	Historical Resources:	0
Utilities by Parcels:	7	PCB Contaminated Equipm:	0	Haz Waste Accumulation Sites:	0	Lead Paint Survey:	0
IR Sites:	0	Ordinance Locations:	0	Haz Waste Storage Sites:	0	Number of Parcel Closure Items:	4
Radon Survey:	0	Asbestos Sites:	0	Backflow Prevention Items:	0		
Closed Buildings:	0	Closed Building Items:	0				

Rationale for Initially Assigning BRAC Property Class - 7

This land has only been used as a quarters area. It is the former site of the North Ship Barracks. Concern for possible contamination from Parcel 01-J1. Man made landfill. Concern for proximity to IR site and incomplete groundwater information.

Rationale for Revising BRAC Property Class

Area has been evaluated and no contamination was found.

PARCEL NO: 01-J2B BRAC Property Class: 6 Description: North Light Industry - Empty Lot

Adjacent Parcel Information

Direction	Adjacent Parcel No.	Prop Class	COMMENT
North	01-J3	1	Parcels are separated by "M" Street.
South	01-J1	6	Parcels are separated by "L" Street.
East	01-J2A	1	
West	01-C	6	Parcels are separated by Cedar Avenue.

Building/Site Descriptive Data

Building	Map Quad	Type	Name	Hist. Distr.	Remarks	Year Demo	Total SqFt	Bldg Resp SY	Building Closure Date
747	J-2	D	Quarters - Cafe			UNK			

Building/Site Environmental Data Summary

Building	IR Sites	PA_Si Sites	HMS	HW AS (Op)	HW AS (Ci)	HW TS	Haz Vis.	PCB	PCB	Ord	Spills	ASB (Tot)	ASB (Rd)	UST (Rm)	UST (IP)	AST (Rm)	AST	OWS	OWS	Lead	NNPP	GRAM	Ra- don	
747																								

Note: (#) = no. of sites/locations/spills/etc.; (Op) = # open; (Ci) = # closed; (Rm) = # removed; (IP) = # in place and/or suspect; (Tot) - Total # of potential Asbestos sites; (Rd) - # Remediations required of Damaged and Friable asbestos sites; (NR) = Not Released for ordinance

Building/Site Uses/Concerns/BRAC Class Rationale

Building	Current Uses	Former Uses	Remark	Concern/BRAC Rationale
747	Demolished		Location: S of 621	

MARE ISLAND ENVIRONMENTAL REPORT

Printed: 10/25/00

PARCEL NO: 01-J2B **BRAC Property Class: 6** **Description: North Light Industry - Empty Lot**

Utilities Summary

Identified Utilities	Description	PA/SI No.	IRP No.
ELECTRICAL			
FRESH WATER			
NATURAL GAS			
SALT WATER	ABANDONED		
SANITARY SEWER	ALONG EDGE OF PARCEL. NO CONNECTIONS ON THIS PARCEL.	SWMU-106	
STORM SEWER		SWMU-093	
TRANSFORMERS	A list of all transformers is available on a separate utility report. Transformers with PCBs are listed on parcel, SEBS, and BCT reports in the PCB Contaminated Equipment table.		

Preliminary Assessment / Site Inspection Sites

PA/SI No.	CTO No.	Description
SWMU-106		SANITARY SEWER SYSTEM
SWMU-093		STORM SEWER SYSTEM

Parcel Closure File Information (For Total Parcel 01-J2)

Check List	Def Item	Concern	Description of Problem	Correction Comment	Prob Corrected	Date of Correction
8		6	Transformer T-1949 was found to be not potential PCB contamination due to non-leaking and non PCB PWC transformer report.		Yes	4/22/96
8		6	Potential PCB reels of electrical cable have been addressed and resolved.		Yes	4/22/96
8		6	Transformer at corner of L and Cedar has been addressed and resolved.		Yes	4/22/96
15		6	High voltage cable on spools were sampled or confirmed to be PCB free.		Yes	4/22/96

MARE ISLAND ENVIRONMENTAL REPORT

Printed: 10/25/00

PARCEL NO: 01-J3

BRAC Property Class: 1

North Light Industry - Electrical Substation

Parcel Usage

Planned Use North Light Industry
Current Uses: Used by EOD unit 15 (OPS Bldg); open storage
Former Uses: Quarters - North Ship Barracks

Topography/Geology/Soil/Water/Ecological

Flat low lying area at north end of the shipyard. Bay mud (Qbm)/Made land (Engineered fill)(Ma).

Estimated Area: 8.27 Acres **Elevation:** 5 ft
Ground Water: Parcel 01-D2; IR-08 (Battery storage area) **Archeological:** None
Water Level: 4.5 ft **Water Flow Direction:** Northerly **Ecological:** None

Environmental Summary

Adjacent Parcels:	6	No. of PA/SIParcel:	2	Radiological Surveys:	0	Haz Waste Treatment Facilities:	0
Buildings/Sites:	3	Tanks/OWSs:	0	Number of Spills:	0	Historical Resources:	3
Utilities by Parcels:	8	PCB Contaminated Equipm:	0	Haz Waste Accumulation Sites:	0	Lead Paint Survey:	0
IR Sites:	0	Ordnance Locations:	0	Haz Waste Storage Sites:	69	Number of Parcel Closure Items:	15
Radon Survey:	2	Asbestos Sites:	24	Backflow Prevention Items:	2		
Closed Buildings:	3	Closed Building Items:	28				

Rationale for Initially Assigning BRAC Property Class - 7

Concern for proximity to nearby contaminated Parcels 01-C and 01-D2. Concern for incomplete groundwater information.

Rationale for Revising BRAC Property Class

Area has been evaluated and no contamination was found to impact the parcel.

Adjacent Parcel Information

Direction	Adjacent Parcel No.	Prop Class	COMMENT
East	01-J4	1	Parcels are separated by Friedell Avenue.
North	-	-	Property adjacent to Mare Island. Vacant lot that was used for housing during WWII timeframe. Parcels are separated by Acacia Street.
South	01-J2	1	Parcels are separated by "M" Street.

PARCEL NO: 01-J3 BRAC Property Class: 1 North Light Industry - Electrical Substation

Adjacent Parcel Information

Direction	Adjacent Parcel No.	Prop Class	COMMENT
West	01-C	6	Parcels are separated by Cedar Avenue.
West	01-D1	6	Parcels are separated by Cedar Avenue.
West	01-D2	6	Parcels are separated by Cedar Avenue.

Building/Site Descriptive Data

Building	Map Quad	Type *	Name	Hist. Distr.	Remarks	Year Built	Year Demo	Total SqFt	Bldg Resp	Building Closure Date
615	K-2	D	Commissary Stores			1942	1981		SY	
617	K-2	P	Exp Ord. Mobile Unit Berthing & Admin Only					19,920	SY	
619	K-2	D	Quarters						SY	
621	K-2	P	Barracks		(B.621 ALSO MINS BLDG.AT ALAMEDA)	1942		19,920	SY	1/5/95
769	K-2	D	Barracks (West of Bldg 621)			1946			SY	
771	K-2	D	Quarters				UNK		SY	
773	K-2	D	Quarters				UNK		SY	
777	K-2	N	North Electric Station			1985			SY	

Building/Site Environmental Data Summary

Building	IR Sites	PA_SI Sites	HMS (#)	HW AS (Op)	HW AS (Cl)	HW TS	Haz Vis-ual	PCB (Rm)	PCB (IP)	Ord (NR)	Spills	ASB (Tot)	ASB (Rd)	UST (Rm)	UST (IP)	AST (Rm)	AST (IP)	OWS (Rm)	OWS (IP)	Lead Paint	NNPP	GRAM	Re-don Srvy
615																							
617			69				3	2			11	11											Y
619																							
621											13												Y
769																							
771																							
773																							
777							1																

Note: (#) = no. of sites/locations/spills/etc.; (Op) = # open; (Cl) = # closed; (Rm) = # removed; (IP) = # in place and/or suspect; (Tot) -Total # of potential Asbestos sites; (Rd) - # Remediations required of Damaged and Friable asbestos sites; (NR) = Not Released for ordnance

Building/Site Uses/Concerns/BRAC Class Rationale

MARE ISLAND ENVIRONMENTAL REPORT

Printed: 10/25/00

PARCEL NO: 01-J3 **BRAC Property Class: 1** **North Light Industry - Electrical Substation**

Building	Current Uses	Former Uses	Remark	Concern/BRAC Rationale
777				
773			Location: NW of 617	
771			Location: W of 617	
769	Demolished			
621	EOD use	North Ship Barracks	Location: East of Pine St., north of "M" St.	Unknown G-RAM.
619			N of Bldg. 617	
617	Vacant	North Ship Barracks	Location: East of Pine St., south of "P" St.	HazMat storage; G-RAM. Unknown G-RAM.
615			North of Bldg. 617	

Utilities Summary

Identified Utilities	Description	PA/SI No.	IRP No.
ELECT SUBSTATION			
ELECTRICAL			
FRESH WATER			
NATURAL GAS			
SALT WATER	ABANDONED		
SANITARY SEWER			SWMU-106
STORM SEWER			SWMU-093
TRANSFORMERS	A list of all transformers is available on a separate utility report. Transformers with PCBs are listed on parcel, SEBS, and BCT reports in the PCB Contaminated Equipment table.		

Preliminary Assessment / Site Inspection Sites

PA/SI No.	CTO No.	Description
SWMU-106		SANITARY SEWER SYSTEM
SWMU-093		STORM SEWER SYSTEM

PCB Contaminated Equipment

Building	Equipment Type	Equipment No.	Relative Location	PCB		Status	Leaker
				Code	Level		
617	Transformer	T-0699	Cedar St-B615; North gate	R	16	Removed	N
617	Transformer	T-0698	Cedar St-B615; North gate	R	9.12	Removed	N

PCB Code: "<" - PCB level is less than (usually 1); "=" - PCB level has been verified by sampling; ">" - PCB level is greater than (usually 500);
 "?" - PCB level is not verified (usually refers to zero level); "R" - PCB level indicated before Removal/Replacement/Refilling of original unit

Hazardous Material Storage Sites

Building	MSDS No.	Code	Location	Description	Quantity
617	M/00221-8672	1015	HI-VIS GEAR CASE LUBE		0 LB

Former Mare Island Naval Shipyard EBS Supplement

Parcel No: 01-J3

DS.0292.14790

PARCEL NO: 01-J3

BRAC Property Class: 1

North Light Industry - Electrical Substation

Hazardous Material Storage Sites

Building	MSDS No.	Code	Location	Description	Quantity
	M/00221-317	1015		ANTISEIZE COMPOUND	0.5 LB
	M/00221-7121	1015		CAULKING COMPOUND	0.88 LB
	M/00221-7485	1015		GLASS CLEANER	0.75 LB
	M/00221-7672	1015		GREASE, BALL & ROLLER BEARING	4 LB
	M/00221-8109	1015		DERUSTO PAINT	0 LB
	M/00221-8286	1015		DETERGENT, GENERAL PURPOSE	0.31 LB
	M/00221-6704	1015		EXTERIOR ACRYLIC, BUFF COLOR	40 LB
	M/00221-8672	1015		HI-VIS GEAR CASE LUB	10 LB
	M/00221-6534	1015		ISOPROPYL ALCOHOL, TECH	0 LB
	M/00221-9035	1015		GREASE AIRCRAFT G-395	0.25 LB
	M/00221-9089	1015		JOINT COMPOUND	16 LB
	M/00221-9374	1015		ACTIVATOR, PHOTOGRAPHIC	0.5 LB
	M/00221-9447	1015		ISOPROPYL ALCOHOL	12 LB
	M/00221-9448	1015		CLEANING COMPOUND (WINDSHIELD)	10 LB
	M/00221-9449	1015		GREASE, AUTOMOTIVE, ARTILLERY	0.63 LB
	M/00221-8352	1015		CORROSION PREVENTIVE COMPOUND	0 LB
	M/00221-4958	1015		HYDRAULIC FLUID, AUTO TRANS	1 LB
	M/00221-546	1015		ANTISEIZE COMPOUND	0.06 LB
	M/00221-807	1015		GREASE, SILICONE	0 LB
	M/00221-1080	1015		GREASE, BEARING (HIGH TEMP.)	0.06 LB
	M/00221-3744	1015		CAULKING LATEX	0.88 LB
	M/00221-3779	1015		LUBRICANT, SOLID FILM	0 LB
	M/00221-4386	1015		GREASE, MOLYBDENUM	0.32 LB
	M/00221-7037	1015		GREASE, GENERAL PURPOSE	17 LB
	M/00221-4642	1015		BASE B-PAINT (BROWN)	16 LB
	M/00221-9511	1015		ANTIQUÉ WHITE PAINT	16 LB
	M/00221-5195	1015		EPOXY COATING KIT #151	0 LB
	M/00221-6239	1015		GREASE, PLUG & VALVE	0.13 LB
	M/00221-6411	1015		ALCOHOL DENATURÉD TYPE III	0.1 LB
	M/00221-6416	1015		GREASE, GENERAL PURPOSE	0.09 LB
	M/00221-6449	1015		DETERGENT, GENERAL PURPOSE	0 LB
	M/00221-6497	1015		ENAMEL, GLOSS, RED PAINT	4 LB
	M/00221-4430	1015		FLUX SOLDERING	0 LB
	M/00221-8575	1015		LUBRICATING OIL, GENERAL PURPOSE	0.94 LB

PARCEL NO: 01-J3 BRAC Property Class: 1

North Light Industry - Electrical Substation

Hazardous Material Storage Sites

Building	MSDS No.	Code	Location	Description	Quantity
	M/00221-6661	1015		PECAN STAIN	16 LB
	M/00221-6738	1015		SEALING COMPOUND	0 LB
	M/00221-6799	1015		WHITE GLOSS PAINT	8 LB
	M/00221-6807	1015		SEALING COMPOUND	4.06 LB
	M/00221-6947	1015		LUBRICATING OIL, GENERAL PURPOSE	40 LB
	M/00221-7464	1015		PENETRATING OIL	2 LB
	M/00221-9495	1015		ENAMEL, WHITE PAINT	0.75 LB
	M/00221-813	1015		SANDING SEALER	16 LB
	M/00221-6044	1015		N-BUTYL, ALCOHOL, TECHNICAL	16 LB
	M/00221-8731	1015		WAX AUTOMOBILE	3 LB
	M/00221-8733	1015		NEOPRENE GLUE KIT	0 LB
	M/00221-8879	1015		WHITE BASE PAINT	8 LB
	M/00221-896	1015		WIRE PULLING LUBRICANT	2 LB
	M/00221-9450	1015		PENETRATING FLUID	0.25 LB
	M/00221-9573	1015		DENT FILLER PTA	0 LB
	M/00221-8070	1015		PRIMER COATING WHITE	4 LB
	M/00221-2717	1015		TINTING WHITE PAINT	40 LB
	M/00221-9955	1015		MINWAX, STAIN	8 LB
	M/00221-9734	1015		CLEANING COMPOUND	1 LB
	M/00221-9936	1015		ADHESIVE, MULTIPURPOSE	4 LB
	M/00221-10477	1015		EPOXY COATING KIT 150	0 LB
	M/00221-106	1015		REMOVER SPRAY	0.06 LB
	M/00221-10665	1015		TCW II OUTBOARD LUBRICANT (OIL)	32 LB
	M/00221-6453	1015		XYLENE TECHNICAL	8 LB
	M/00221-1212	1015		SURFACE CONDITIONERS	8 LB
	M/00221-6136	1015		SEALING COMPOUND	0 LB
	M/00221-2902	1015		MET-L-CHEK REMOVER ES9	0.13 LB
	M/00221-2903	1015		MET-L-CHEK PENETRAT UP-31	0.19 LB
	M/00221-2904	1015		MET-L-CHEK DEVELOPER DC10	0.13 LB
	M/00221-3410	1015		LUBRICATING OIL, ENGINE	6 LB
	M/00221-3782	1015		STAIN LATEX	8 LB
	M/00221-4403	1015		SILICONE COMPOUND	0.19 LB
	M/00221-9498	1015		AEROSOL LAQUER, OLIVE DRAB	0.25 LB
	M/00221-10678	1015		VERATHANE	16 LB

PARCEL NO: 01-J3 BRAC Property Class: 1

North Light Industry - Electrical Substation

Radon Survey / Assessment Summary

Building	RSS Reading	RSS Detector	RAS Test Results	RAS No. of Detectors	Notes
617			0.8/0.4	15	
621			0.2/0.1	15	

Asbestos Survey Summary

Building	Homo Area	ACM	Description	Location	Qty	Rating	Fri-able	Condi-tion	% Dam- age	Recommended Action	Comments	Status
617	H-1	A	Floor Tile, 12" Off-White And Tan	Room 1-4, 7, 8, 10-13, 16, 21, 22, 24-31, 37, 49, 53-61, 03A, 15A, 18A, 19A, 22A, 101-103, 201, 202	9284 sf	D-10	Non	D	1	O&M	Floor tile was cracked and missing.	N
617	H-3	A	Grout, 4" Ceramic Tile	Room 15, 19, 44, 48	2860 sf	D-9	Non	D	2	O&M	Grout and tile were cracked and missing.	N
617	H-4	A	Grout, 1"x2" Ceramic Tile	Room 15, 19, 44, 48	1650 sf	D-9	Non	D	10	O&M	Grout and tile were broken, cracked, and missing.	N
617	H-8	A	Floor Tile, 9" Grey	Room 31, 43, 201	296 sf	D-9	Non	D	1	O&M	Floor tile was broken or missing, and was under H-1.	N
617	H-9	A	Floor Tile, 12" Beige W/ Speckles	Room 43, 201, 201A	312 sf	D-9	Non	D	1	O&M	Floor tile was cracked and had pieces missing.	N
617	H-10	A	Fire Door	Room 104	32 sf	PD-6	Non	ND	0	O&M	There was one fire door.	N
617	H-11	A	Roofing, Composition Shingle	Roof	25000 sf	PD-7	Non	ND	0	O&M		N
617	H-12	Y	TSI, 3" Pipe	Attic	360 lf	SD-28	High	SD	75	Remove	TSI on disconnected pipes and laying on the ground in the attic must be removed.	C
617	H-13	Y	TSI, 3" Fitting	Attic	92 lf	SD-30	High	SD	75	Remove	TSI on disconnected pipes and laying on the ground in the attic must be removed.	C
617	H-14	Y	TSI, 4" Pipe	Attic	788 lf	SD-28	High	SD	75	Remove	TSI on disconnected pipes and laying on the ground in the attic must be removed.	C
617	H-15	Y	TSI, 4" Fitting	Attic	72 lf	SD-28	High	SD	75	Remove	TSI on disconnected pipes and laying on the ground in the attic must be removed.	C
621	H-1	A	Floor Tile, 12" Cream And Brown Specks	Room 101,102,111,114-116,118,127,128,132-137,140-144,201,203,210-214,216,223,224,226,227,231-236	13360 sf	PD-4	Non	ND	0	O&M		N

PARCEL NO: 01-J3 BRAC Property Class: 1

North Light Industry - Electrical Substation

Asbestos Survey Summary

Building	Homo Area	ACM	Description	Location	Qty	Rating	Fri-able	Condi-tion	% Dam-age	Recommended Action	Comments	Status
621	H-2	A	Mastic Coving, 4" Black	Room 101,102,111,115,116,118,127-129,132-137,140-144,201,203,210-214,216,223,224,226-229,231-236	989 sf	PD-3	Non	ND	0	O&M		N
621	H-4	A	Grout, 1" Tile Green	Room 108 120 208 217	288 sf	PD-3	Non	ND	0	O&M		N
621	H-5	A	Grout, 4" Tile Tan	Room 108 120 208 217	1152 sf	D-5	Non	D	2	O&M	Missing tile	N
621	H-6	A	Sheet Flooring, Black	Room 101 127	112 sf	PD-3	Non	ND	0	O&M		N
621	H-7	A	Roofing, Asphalt Shingles	Roof Area	9900 sf	PD-4	Non	ND	0	O&M		N
621	H-8	Y	TSI, 3" Pipe	Attic Area	600 lf	D-11	High	D	10	Remove/Repair/O &M	Outer covering thin in randomly dispersed areas. Must remove TSI debris.	C
621	H-9	Y	TSI, 3" Fitting	Attic Area	50 lf	D-12	High	D	10	Remove/Repair/O &M	Covering thin in randomly dispersed areas	C
621	H-10	A	Transite	Room 117	72 sf	PD-3	Non	ND	0	O&M		N
621	H-11	A	Roofing, Tar & Gravel	Room 113 Roof Area	360 sf	PD-3	Non	ND	0	O&M		N
621	H-12	Y	TSI, 4" Pipe	Attic Area	740 lf	D-12	High	D	5	Remove/Repair/O &M	Area around clamps exposed. Must remove TSI debris.	C
621	H-13	Y	TSI, 4" Fitting	Attic Area	65 lf	PD-3	Non	ND	0	O&M		N
621	H-14	Y	TSI, 3" Pipe	Room 104, 105, 106, 108, 109, 112, 120, 121, 122, 123, 124, 125	110 lf	D-12	High	D	2	Remove/Repair/O &M	Area around clamps exposed.	C

Legend: ACM: Y = Yes by sample, N = None by sample, A = Yes by visual inspection Condition: SD = Significantly Damaged, D = Damaged, PD = Potential for Damage, ND = No Damage Qty: SF = Square Feet, LF = Linear Feet Recommended Action: OM = Operation Maintenance Status: R = Remediation Required, C = Remediation Completed, N = No Work, Sat.

Backflow Prevention and Cross-Connection Survey

Building	Location	Potential Hazard or Comment	Corrective Action or Comment	Degree of Hazard
621		No water service. (Supply line disconnected)		
617		No deficiencies found.		

Note: The Backflow Prevention and Cross-Connection Survey Report information is a listing of what buildings or locations have Backflow Preventors in the drinking water system throughout Mare Island. The report also lists any potential hazards or comments concerning potential hazards and the correcting actions or comments. Also listed is the degree of hazard for each preventor For further information see the actual Backflow Prevention and Cross-Connection Survey Report.

Building Closure File Information

PARCEL NO: 01-J3

BRAC Property Class: 1

North Light Industry - Electrical Substation

Building	Check List No.	Def Item No.	Concern Code	Description of Problem	Correction Comment	Prob Corrected	Date of Correction
617	7	13	99	Uncapped pipe	Plugged	Yes	1/29/96
617	5a		30	Asbestos survey required	Complete	Yes	10/3/95
617	7	1	99	Debris	Info only	NA	
617	7	2	33	Door pried open	Repaired	Yes	1/29/96
617	7	3	99	Furniture	Info only	NA	
617	7	4	41	Outlet missing cover	Replaced	Yes	1/29/96
617	7	5	99	Abandoned fluorescent lamp	Info only	NA	
617	7	6	41	Fixture missing cover	Info only	NA	
617	7	7	31	Drinking fountain	Info only	NA	
617	7	8	21	Flammable storage locker, empty	Info only	NA	
617	7	9	7	Stain	No action required	Yes	1/16/96
617	7	10	29	Peeling paint	Removed	Yes	1/12/96
617	3i		21	HAZMAT storage	None now present	Yes	1/23/96
617	7	12	41	Fixture missing cover	Info only	NA	
617	7	14	41	Outlet off wall	Repaired	Yes	1/29/96
617	7	15	41	Switch cover broken	Replaced	Yes	1/29/96
617	7	16	41	Exposed wiring	Taped	Yes	1/29/96
617	7	17	99	Fluorescent lamp burned	Info only	NA	
617	7	18	99	Debris	Info only	NA	
617	7	20	41	Junction box missing cover	Replaced	Yes	1/29/96
617	7	19	31	Water heater	Info only	NA	
617	7	21	41	Wiring not in conduit	Secured	Yes	1/29/96
617	7	22	43	Roofing damaged	Repaired	Yes	1/29/96
617	A		6	PCB survey required	Complete	Yes	1/11/96
617	7	11	99	Uncapped pipes	Plugged	Yes	1/29/96
621	3.k		25	Three air sources.	Info only.	NA	
621	5.a		30	Asbestos survey required.	Damaged items were repaired.	Yes	9/7/94
777		1	41	Electrical substation	Survey completed	YES	9/3/96

Parcel Closure File Information

Check List No.	Def Item No.	Concern Code	Description of Problem	Correction Comment	Prob Corrected	Date of Correction
D	102	99	Debris	Info only	NA	
D	101	99	Iron plate	Info only	NA	

MARE ISLAND ENVIRONMENTAL REPORT

Printed: 10/25/00

PARCEL NO: 01-J3 BRAC Property Class: 1 North Light Industry - Electrical Substation

Parcel Closure File Information

Check List No.	Def Item No.	Concern Code	Description of Problem	Correction Comment	Prob Corrected	Date of Correction
8	3	6	Switch SW 372, no leaks	Info only	NA	
8	2	6	Transformer T-1874, no leaks	Info only	NA	
6	6	3	Flanged pipe in ground, poss UST	Addressed & resolved	Yes	1/25/96
3		26	Historical concerns buildings 617 & 621	Info only	NA	
2		1	IR-08 on adjacent parcel	Info only	NA	
15	9	28	Exposed railroad ties	Removed	Yes	4/25/95
15	8	36	Open vault	Cleared	Yes	1/31/96
15	7	99	Stressed vegetation in ditch	No action required	Yes	4/14/95
15	4.5	99	Pipes and sheetmetal	Info only	NA	
15	12	31	Misc electrical eqmt, no leaks	EOD-9 material	Yes	6/7/95
15	11	21	Gas cans inside box	Removed	Yes	4/25/95
15	10	21	Vehicle batteries in locker	EOD-9 material	Yes	6/7/95
1	1	99	Substation 777 not on parcel building list	PWC building	Yes	4/21/95

MARE ISLAND ENVIRONMENTAL REPORT

Printed: 10/25/00

PARCEL NO: 01-J4 **BRAC Property Class:** 1

North Light Industry - Baseball Fields

Parcel Usage

Planned Use North Light Industry

Current Uses: Athletic fields; open storage

Former Uses: Quarters and support facilities - North Ship Barracks

Topography/Geology/Soil/Water/Ecological

Flat low lying area at north end of the shipyard. Bay mud (Qbm)/Made land (Engineered fill)(Ma).

Estimated Area: 12.7447 Acres **Elevation:** 5 ft

Ground Water: No known contamination.

Archeological: None

Water Level: 4.5 ft. **Water Flow Direction:** Northerly

Ecological: None

Environmental Summary

Adjacent Parcels: 5
Buildings/Sites: 9
Utilities by Parcels: 7
IR Sites: 0
Radon Survey: 0
Closed Buildings: 10

No. of PA/SIParcels: 2
Tanks/OWSs: 0
PCB Contaminated Equipm: 0
Ordnance Locations: 0
Asbestos Sites: 9
Closed Building Items: 17

Radiological Surveys: 0
Number of Spills: 0
Haz Waste Accumulation Sites: 0
Haz Waste Storage Sites: 0
Backflow Prevention Items: 8

Haz Waste Treatment Facilities: 0
Historical Resources: 9
Lead Paint Survey: 0
Number of Parcel Closure Items: 16

Rationale for Initially Assigning BRAC Property Class - 7

This land was only used as a quarters area until 1983 when athletic fields were installed. Man made landfill. Concern for proximity to IR site and incomplete groundwater information.

Rationale for Revising BRAC Property Class

Area has been evaluated and contamination was found to not impact the parcel.

Adjacent Parcel Information

Direction	Adjacent Parcel No.	Prop Class	COMMENT
East	01-L3	1	Parcels are separated by Walnut Avenue.
East	01-M	1	Parcels are separated by Walnut Avenue.

Former Mare Island Naval Shipyard EBS Supplement

Parcel No: 01-J4

DS.0292.14790

PARCEL NO: 01-J4

BRAC Property Class: 1

North Light Industry - Baseball Fields

Adjacent Parcel Information

Direction	Adjacent Parcel No.	Prop Class	COMMENT
North	-		Property adjacent to Mare Island. Vacant lot that was used for housing during WWII timeframe. Parcels are separated by Acacia Avenue.
South	01-J2	1	Parcels are separated by "M" Street.
West	01-J3	1	Parcels are separated by Friedell Avenue.

Building/Site Descriptive Data

Building	Map Quad	Type	Name	Hist. Distr.	Remarks	Year Built	Year Demo	Total SqFt	Bldg Resp	Building Closure Date
609	K-2	D	Subsistence Building				UNK		SY	
611	K-2	D	Quarters				UNK		SY	
613	K-2	D	Quarters				UNK		SY	
623	K-2	D	Quarters				UNK		SY	
653	K-2	P	Pump House			1943		199	SY	
955	K-2	D	Bus Shelter			1965		600	SY	12/4/95
957	K-2	D	Unknown				UNK		SY	
1017	K-2	P	Dugout-Jacobson Fid-1st Base			1985		144	SY	8/3/95
1019	K-2	P	Dugout-Jacobson Fid-3rd Base			1985		144	SY	8/3/95
1021	K-2	P	Dugout-Scheyder Fid-1st Base			1985		144	SY	8/24/95
1023	K-2	P	Dugout-Scheyder Fid-3rd Base			1985		144	SY	8/24/95
1025	K-2	P	Latrine - Scheyder Field			1987		275	SY	8/24/95
AA16	K-2	N	Jacobson Field (Softball)			1983			SY	11/9/95
AA17	K-2	N	Scheyder Field (Softball)			1983			SY	11/9/95

Building/Site Environmental Data Summary

Building	IR Sites	PA_SI Sites	HMS (#)	HW AS (Op)	HW AS (Cl)	HW TS	Haz Visual	PCB (Rm)	PCB (IP)	PCB Ord (NR)	Spills	ASB (Tot)	ASB (Rd)	UST (Rm)	UST (IP)	AST (Rm)	AST (IP)	OWS (Rm)	OWS (IP)	Lead Paint	MNPP GRAM	Re-don Srvy		
609																								
611																								
613																								
623																								
653								3	3			1	1											
955																								
957																								

PARCEL NO: 01-J4 BRAC Property Class: 1 North Light Industry - Baseball Fields

Building/Site Environmental Data Summary

Building	IR Sites	PA_SI Sites	HMS (#)	HW AS (Op)	HW AS (Cl)	HW TS	Haz Vis-ual	PCB (Rm)	PCB (IP)	Ord (NR)	Spills	ASB (Tot)	ASB (Rd)	UST (Rm)	UST (IP)	AST (Rm)	AST (IP)	OWS (Rm)	OWS (IP)	Lead Paint	NNPP	GRAM	Ra-don Srvy
1017												2											
1019												2											
1021								3	3			2											
1023												2											
1025							1					2											
AA16																							
AA17																							

Note: (#) = no. of sites/locations/spills/etc.; (Op) = # open; (Cl) = # closed; (Rm) = # removed; (IP) = # in place and/or suspect; (Tot) - Total # of potential Asbestos sites; (Rd) - # Remediations required of Damaged and Friable asbestos sites; (NR) = Not Released for ordinance

Building/Site Uses/Concerns/BRAC Class Rationale

Building	Current Uses	Former Uses	Remark	Concern/BRAC Rationale
AA17				
AA16				
957			Location: North of Bldg. 653	
955				
653			Location: West of Walnut Ave., south of "Q" St., in parking lot	
623			E. of Bldg. 617	
613			N of Bldg. 617	
611			N.E. of Bldg. 617	
609			East of Bldg. 617	
1025			Location: East of Oak Ave., south of "P" Street	
1023			Location: Scheyder Field, near 3rd Base	
1021			Location: Scheyder Field, near 1st base	
1019			Location: Jacobsen Field, near 3rd Base	
1017			Location: Jacobsen Field, near 1st Base	

Utilities Summary

Identified Utilities	Description	PA/SI No.	IRP No.
ELECTRICAL			
FRESH WATER			
NATURAL GAS			

PARCEL NO: 01-J4 BRAC Property Class: 1 North Light Industry - Baseball Fields

Utilities Summary

Identified Utilities	Description	PA/SI No.	IRP No.
SALT WATER	ABANDONED		
SANITARY SEWER	SANITARY SEWER PUMP HOUSE ON PARCEL	SWMU-106	
STORM SEWER		SWMU-093	
TRANSFORMERS	A list of all transformers is available on a separate utility report. Transformers with PCBs are listed on parcel, SEBS, and BCT reports in the PCB Contaminated Equipment table.		

Preliminary Assessment / Site Inspection Sites

PA/SI No.	CTO No.	Description
SWMU-106		SANITARY SEWER SYSTEM
SWMU-093		STORM SEWER SYSTEM

PCB Contaminated Equipment

Note: Transformers, Circuit Breakers, and Rocker Arms only.

Building	Equipment Type	Equipment No.	Relative Location	PCB		Volume (gal.)	Status	Leaker
				Code	Level			
653	Transformer	T-1072	Walnut Av; Pump Station	<	1	18	Active	N
653	Transformer	T-1071	Walnut Av; Pump Station	<	1	18	Active	N
653	Transformer	T-1070	Walnut Av; Pump Station	<	1	18	Active	N
653	Transformer	T-0924	Walnut Av; Pump Station	R	1	9	Removed	N
653	Transformer	T-0923	Walnut Av; Pump Station	R	1	9	Removed	N
653	Transformer	T-0922	Walnut Av; Pump Station	R	1	9	Removed	n
1021	Transformer	T-1082	N Street (B621); Outside	=	0.03	27	Active	N
1021	Transformer	T-1081	N Street (B621); Outside	=	0.03	27	Active	N
1021	Transformer	T-1080	N Street (B621); Outside	=	0.03	27	Active	N
1021	Transformer	T-0775	California B609; Station	R	47	96	Removed	N
1021	Transformer	T-0774	California B609; Station	R	19	96	Removed	N
1021	Transformer	T-0773	California B609; Station	R	16	96	Removed	N

PCB Code: "<" - PCB level is less than (usually 1); "=" - PCB level has been verified by sampling; ">" - PCB level is greater than (usually 500); "?" - PCB level is not verified (usually refers to zero level); "R" - PCB level indicated before Removal/Replacement/Refilling of original unit

Asbestos Survey Summary

Building	Homo Area	ACM	Description	Location	Qty	Rating	Fri-Cond-able	% Dam-age	Recommended Action	Comments	Status
653	H-2	A	Roofing, Composition Asphalt Shingles	Roof	208 sf	PD-3	Non	0	O&M		N
1017	H-1	A	Roofing, Tar And Gravel	Roof	144 sf	D-5	Non	5	O&M	Roofing missing some gravel cover, and tar paper was curled up.	N

PARCEL NO: 01-J4 BRAC Property Class: 1

North Light Industry - Baseball Fields

Asbestos Survey Summary

Building	Homo Area	ACM	Description	Location	Qty	Rating	Fri-able	Con-dition	% Dam-age	Recommended Action	Comments	Status
1017	H-2	A	Mortar, Concrete Block	Room 100 and Exterior	192 sf	PD-3	Non	ND	0	O&M		N
1019	H-1	A	Roofing, Tar And Gravel	Roof	144 sf	PD-3	Non	ND	0	O&M		N
1019	H-2	A	Mortar, Concrete Block	Room 100 and Exterior	192 sf	PD-3	Non	ND	0	O&M		N
1021	H-1	A	Roofing, Tar And Gravel	Roof	144 sf	PD-5	Non	ND	0	O&M		N
1021	H-2	A	Mortar, Basalite Block	Room 100 and Exterior	333 sf	PD-5	Non	ND	0	O&M		N
1023	H-1	A	Roofing, Tar And Gravel	Roof	144 sf	PD-5	Non	ND	0	O&M		N
1023	H-2	A	Mortar, Basalite Block	Room 100 and Exterior	333 sf	PD-5	Non	ND	0	O&M		N

Legend: ACM: Y = Yes by sample, N = None by sample, A = Yes by visual inspection Condition: SD = Significantly Damaged, D = Damaged, PD = Potential for Damage, ND = No Damage
 Qty: SF = Square Feet, LF = Linear Feet Recommended Action: OM = Operation Maintenance Status: R = Remediation Required, C = Remediation Completed, N = No Work, Sat.

Backflow Prevention and Cross-Connection Survey

Building	Location	Potential Hazard or Comment	Corrective Action or Comment	Degree of Hazard
AA17	Scheyder Field	No deficiencies found.		
AA16	Jacobsen Field	No deficiencies found.		
1025		No deficiencies found.		
1023		No deficiencies found.		
1021		No water service.		
1019		No water service.		
1017		No water service.		

Note: The Backflow Prevention and Cross-Connection Survey Report information is a listing of what buildings or locations have Backflow Preventors in the drinking water system throughout Mare Island. The report also lists any potential hazards or comments concerning potential hazards and the correcting actions or comments. Also listed is the degree of hazard for each preventor. For further information see the actual Backflow Prevention and Cross-Connection Survey Report.

Building Closure File Information

Building	Check List No.	Def Item No.	Concern Code	Description of Problem	Correction Comment	Prob Corrected	Date of Correction
653	6b	2	6	Oil stains (Facility)	Survey completed	NA	6/7/97
653		5	6	Oil contamination - machinery (Facility)	Survey completed	NA	6/7/97
653		3	29	Paint chipped on wall	No Survey Needed	NA	
653	8a		30	Asbestos survey	Survey completed	YES	6/7/97
955	NA		99	Building was demolished and no longer exists.	Info only.		

PARCEL NO: 01-J4

BRAC Property Class: 1

North Light Industry - Baseball Fields

Building Closure File Information

Building	Check List No.	Def Item No.	Concern Code	Description of Problem	Correction Comment	Prob Corrected	Date of Correction
1017	5.a		30	Asbestos Survey required. Also item 7.	No damaged or friable found.	Yes	7/20/95
1019	5.a		30	Asbestos Survey required. Also item 7.	No damaged or friable found.	Yes	7/20/95
1021	5.a		30	Asbestos Survey required.	Survey completed	Yes	1/23/95
1023	5.a		30	Asbestos Survey required. Also item 7.	Survey completed	Yes	1/23/95
1025	7	4	99	Stall door disconnected from wall.	Info only	NA	
1025	1	5	3	Possible Septic Tank underground. Not found during this inspection.	Not an issue.	NA	
1025	5.a		30	Asbestos Survey required. Also item 7.	No damaged or friable found.	Yes	7/20/95
1025	7	1	99	Pipe insulation has frayed fiberglass.	Rewrapped per TWD.	Yes	8/18/95
1025	7	3	99	Door return mechanism disconnected.	Info only	NA	
1025	7	2	99	Debris.	Info only	NA	
AA16			0	No items found.	No Further Action Required	NA	10/23/95
AA17			0	No items found.	No Further Action Required	NA	10/24/95

Parcel Closure File Information

Check List No.	Def Item No.	Concern Code	Description of Problem	Correction Comment	Prob Corrected	Date of Correction
15	14	36	Vaults	Info only	NA	
13	3	7	Puddle with sheen	Surveyed, no action req'd	Yes	11/6/95
13	4	28	Vault with standing water	Storm drain, info only	NA	
13	5	7	Vault with standing water and sheen	Surveyed, no action req'd	Yes	11/6/95
15	10	99	Laydown area, pipes & pallets	Info only	NA	
15	11	99	Trash	Info only	NA	
1	1	99	Bldgs 653 & 955 not on parcel building list	Building 653 is PWC responsibility. Building 955 demo'd	Yes	10/18/95
15	13	4	Empty, 38 casing on ground	Info only	NA	
8	2	6	Six transformers, no leaks	Info only	NA	
15	15	28	Storm sewer grate rusted thru	Cleared	Yes	12/15/95
15	6	28	Broken sewer pipe	Cleared	Yes	12/15/95
15	7	36	Leaking manhole causing erosion	Cleared	Yes	12/15/95
15	8	28	Pipe protruding from ground	Cleared	Yes	12/15/95
15	9	99	Uncovered railroad ties	Removed	Yes	11/16/95
2	1	1	IR-17 adjacent	Info only	NA	
15	12	99	Telephone poles on ground	Removed	Yes	11/16/95

MARE ISLAND ENVIRONMENTAL REPORT

Printed: 10/25/00

PARCEL NO: 01-K BRAC Property Class: 3 North Light Industry - Bldg 571

Parcel Usage

Planned Use North Light Industry
Current Uses: Storage; shop
Former Uses: Storage

Topography/Geology/Soil/Water/Ecological

Flat low lying area at the north end of the shipyard. Bay mud (Qbm)/Made land (Engineered fill)(Ma).

Estimated Area: 9.7095 Acres **Elevation:** 13 ft

Ground Water: No known contamination.

Water Level: 10 ft **Water Flow Direction:** Northerly **Archeological:** None
Ecological: None

Environmental Summary

Adjacent Parcels:	6	No. of PA/SIParcels:	2	Radiological Surveys:	1	Haz Waste Treatment Facilities:	0
Buildings/Sites:	4	Tanks/OWSs:	4	Number of Spills:	1	Historical Resources:	3
Utilities by Parcels:	9	PCB Contaminated Equipm:	0	Haz Waste Accumulation Sites:	2	Lead Paint Survey:	0
IR Sites:	0	Ordnance Locations:	0	Haz Waste Storage Sites:	22	Number of Parcel Closure Items:	14
Radon Survey:	1	Asbestos Sites:	18	Backflow Prevention Items:	3		
Closed Buildings:	2	Closed Building Items:	11				

Rationale for Initially Assigning BRAC Property Class - 7

G-RAM in building 571. Unknown UST actions. Concern for incomplete groundwater information.

Rationale for Revising BRAC Property Class

Area has been evaluated and radiological issues have been resolved. Contamination in the groundwater has not been detected. Lead contamination in the soil.

Adjacent Parcel Information

Direction	Adjacent Parcel No.	Prop Class	COMMENT
East	01-N	6	Parcels are separated by Railroad Avenue.
North	01-L1	6	Parcels are separated by "I" Street
South	02-E2	6	Morton Field. Parcels are separated by "G" Street.

Former Mare Island Naval Shipyard EBS Supplement

Parcel No: 01-K

DS.0292.14790

PARCEL NO: 01-K BRAC Property Class: 3 North Light Industry - Bldg 571

Adjacent Parcel Information

Direction	Adjacent Parcel No.	Prop Class	COMMENT
West	01-F	2-4	Housing/Navy Exchange Area. Parcels are separated by Walnut Avenue.
West	01-G	1	Housing/Navy Exchange Area. Parcels are separated by Walnut Avenue.
West	01-H	6	Housing/Navy Exchange Area. Parcels are separated by Walnut Avenue.

Building/Site Descriptive Data

Building	Map Quad	Type	Name	Hist. Distr.	Remarks	Year Built	Year Demo	Total SqFt	Bldg Resp	Building Closure Date
571	I-2	P	Storage/Shop			1942		135,300	SY	1/13/97
577	J-1	P	Electric Substation			1942		5,684	SY	
TK04	J-1	P	Pickling Tanks (2) E. of B.571			1942		800	SY	12/7/95

Building/Site Environmental Data Summary

Building	IR Sites	PA_SI Sites	HMS (#)	HW AS (Op)	HW AS (Cl)	HW TS	Haz Visual	PCB (Rm)	PCB (IP)	PCB (NR)	Spills	ASB (Tot)	ASB (Rd)	UST (Rm)	UST (IP)	AST (Rm)	AST (IP)	OWS (Rm)	OWS (IP)	Lead Paint	NNPP	GRAM	Ra-don Srvy	
571			14	2	2	6	6	6	1	13	1	2	2	1					1				G	Y
577			8			2	2	4	1															
TK04																								

Note: (#) = no. of sites/locations/spills/etc.; (Op) = # open; (Cl) = # closed; (Rm) = # removed; (IP) = # in place and/or suspect; (Tot) - Total # of potential Asbestos sites; (Rd) - # Remediations required of Damaged and Friable asbestos sites; (NR) = Not Released for ordnance

Building/Site Uses/Concerns/BRAC Class Rationale

Building	Current Uses	Former Uses	Remark	Concern/BRAC Rationale
TK04			Location: East of Bldg. 571	
577	Electrical substation	Electrical substation and air compressors	Location: West of Railroad Ave., south of "I" St.	Hazardous material stored at this location.
571	Storage/shop area	Storage	Location: East of Walnut Ave, between "G" St. and "I" Street	Unknown spill; G-RAM

Utilities Summary

Identified Utilities	Description	PA/SI No.	IRP No.
COMPRESSED AIR			
ELECTRICAL			
FRESH WATER			

PARCEL NO: 01-K

BRAC Property Class: 3

North Light Industry - Bldg 571

Utilities Summary

Identified Utilities	Description	PA/SI No.	IRP No.
NATURAL GAS			
SALT WATER			
SANITARY SEWER		SWMU-106	
STEAM			
STORM SEWER		SWMU-093	
TRANSFORMERS	A list of all transformers is available on a separate utility report. Transformers with PCBs are listed on parcel, SEBS, and BCT reports in the PCB Contaminated Equipment table.		

Preliminary Assessment / Site Inspection Sites

PA/SI No.	CTO No.	Description
SWMU-106		SANITARY SEWER SYSTEM
SWMU-093		STORM SEWER SYSTEM

Tanks and OWS Summary

Building	Type	Tank No.	Location	Physical Status	Cisd	Contents	Remarks	Removed	Volume (gal)	Construction
571		02	NE side (car wash)	Inactive	No	Sediment	Reclassified per agreement w/ RWQCB V. Christian		50	Concrete
571		T-4	East of bldg	Inactive	No	Pickling solvents			30000	Concrete
571	OWS	01	NE side (car wash)	Inactive	No	Oil, Water, Sediment			1250	Concrete
577	UST	S		Removed	Yes	Oilly Water/ Waste Oil	CAL-EPA ltr 2129.2011(MBR) dated June 5, 1998	08/23/90	2000	Steel

PCB Contaminated Equipment

Building	Equipment Type	Equipment No.	Relative Location	PCB			Leaker
				Code	Level	Volume (gal.)	
571	Transformer	T-1646	Railroad Av; Warehouse	R	1	167	Removed
571	Transformer	T-0902	Railroad Av; Inside	R	500	53	Removed
571	Transformer	T-0901	Railroad Av; Inside	R	500	53	Removed
571	Transformer	T-0900	Railroad Av; Inside	R	500	53	Removed
571	Transformer	T-0730	Railroad Av; Warehouse	R	1	50	Removed
571	Transformer	T-0107	Railroad Av; Inside	R	0.28	30	Removed
577	Transformer	T-1021	Railroad Av; Station M	R	500	580	Removed
577	Transformer	T-0894	Railroad Av; Inside	R	0.21	1452	Removed
577	Transformer	T-0893	Railroad Av; Inside	R	81.27	72	Removed
577	Transformer	T-0892	Railroad Av; Inside	R	131.75	175	Removed

Note: Transformers, Circuit Breakers, and Rocker Arms only.

PARCEL NO: 01-K BRAC Property Class: 3 North Light Industry - Bldg 571

PCB Contaminated Equipment

Building	Equipment Type	Equipment No.	Relative Location	PCB Code	PCB Level	Volume (gal.)	Status	Leaker
577	Rocker Arm	RA-125	Station M;	<	1	130	Active	

Note: Transformers, Circuit Breakers, and Rocker Arms only.

PCB Code: "<" - PCB level is less than (usually 1); "=" - PCB level has been verified by sampling; ">" - PCB level is greater than (usually 500); "?" - PCB level is not verified (usually refers to zero level); "R" - PCB level indicated before Removal/Replacement/Refilling of original unit

NNPP and G-RAM Survey Locations

Building	NNPN	G-RAM	NNPP Remarks	G-RAM Remarks	Navy Released?	Agency Concurred?
571		G		Bldg and yard.	Yes	Yes

Facilities/areas designated as "N" or "G" required radiological surveys, based on their history of use, to document the absence of radioactivity. Facilities/areas designated as "(N)" or "(G)" have no history of radiological usage, but are being surveyed as an added measure of protection.

Spill History

Building	HWCN	Relative Direction	Relative Location	Substance	Quantity	Date	Released To	Comments
571				Oil	Junk	6/1/89	land	

Hazardous Waste Accumulation Sites

Building	HWAA	Relative Location	Status	Unit Description	Hazardous Wastes Stored
571	1082-1	Southeast	Closed	Drums	Combustibles and corrosive solids
	1082-2	Inside near corner	Closed	Drums	Corrosive solids, combustible liquids, combustible solids

Hazardous Material Storage Sites

Building	MSDS No.	Code	Location	Description	Quantity
571	M/00221-10559	1082-2	CE/UT SHOP	HYDRAULIC FLUID	3520 LB
	M/00221-03429	1082-01	N/A	USG READY-MIXED JOINT COMPOUND	384 LB
	M/00221-04409	1082-01	N/A	ANTIFREEZE, ETHYLENE GLYCOL	3520 LB
	M/00221-06335	1082-01	N/A	GREASE, AUTOMOTIVE & ARTILLERY	1920 LB
	M/00221-08052	1082-01	N/A	SCOTCH-KOTE BRAND ELECTRICAL COATING	19.2 LB
	M/00221-08918	1082-01	N/A	EPOXY RESIN HI-7012 PART A	1280 LB
	M/00221-09307	1082-01	N/A	SEALTIGHT INTEX	1280 LB
	M/00221-10769	1082-01	N/A	HYDRO-CURE CLEAR CC-309-1W	320 LB
	M/00221-04233	1082-2	CE/UT SHOP	CITRIKLEEN	1280 LB
	M/00221-00887	1082-01	N/A	CRC CABLE CLEAN AEROSOL	18.24 LB
	M/00221-10421	1082-2	CE/UT SHOP	MIL-L-2105C AM 2 GRADE 80W/90	3520 LB
	M/00221-07214	1082-3	BU	MOLDKOTE 1914A	6 LB

PARCEL NO: 01-K BRAC Property Class: 3 North Light Industry - Bldg 571

Hazardous Material Storage Sites

Building	MSDS No.	Code	Location	Description	Quantity
	M/00221-10339	1082-3	BU	EXTERIOR WOOD FINISH ALL COLORS	64 LB
	M/00221-07107	1082-2	CEJUT SHOP	OE-10 (MC 1092) LUBRICATING OIL, ENGINE	3520 LB
577	M/00221-09007	672-0334	OUT. XFMR ENC., N.E.	NOVOID X	1280 LB
	M/00221-01162	672-0333	OUT. EAST XFMR ENC.,	RTEmp FLUID	2880 LB
	M/00221-05491	672-0333	OUT. EAST XFMR ENC.,	INSULATING OIL	16000 LB
	M/00221-03010	672-0334	OUT. XFMR ENC., N.E.	NOVOID A (G&W SPEC 220)	128 LB
	M/00221-03012	672-0334	OUT. XFMR ENC., N.E.	NOVOID X G&W 222	128 LB
	M/00221-06670	672-0334	OUT. XFMR ENC., N.E.	GULF PETROLATUM AMBER	50 LB
	M/00221-08245	672-0334	OUT. XFMR ENC., N.E.	MAC K TYPE OIL-PACKED TAPE	192 LB
	M/00221-08246	672-0334	OUT. XFMR ENC., N.E.	CO-21 INSULATING COMPOUND	128 LB

Radon Survey / Assessment Summary

Building	RSS Reading	RSS Detector	RAS Test Results	RAS No. of Detectors	Notes
571			0.3/0.1	30	

Asbestos Survey Summary

Building	Homo Area	ACM	Description	Location	Qty	Rating	Fri-able	Condi-tion	% Dam-age	Recommended Action	Comments	Status
571	H-1	A	Floor Tile, 12" Grey W/White Specks	Room 102 (former bldg 573)	309 sf	PD-5	Non	ND	0	O&M		N
571	H-1	A	Coving Mastic, 4" Black	Room 106, 135, 136, 139	88 sf	PD-5	Non	ND	0	O&M		N
571	H-2	A	Coving Mastic, 4" Brown	Room 109, 111 Thru 113, 120, 127 Thru 131	255 sf	PD-5	Non	ND	0	O&M		N
571	H-3	A	Grout, White 2" Ceramic Tile	Room 103, 104 (former bldg 573)	60 sf	PD-5	Non	ND	0	O&M		N
571	H-3	A	Floor Tile, 12" White W/Brown Specks	See CAD Drawings	5469 sf	PD-6	Non	ND	0	O&M		N
571	H-4	A	Grout, White 4" Ceramic Tile	Room 103, 104 (former bldg 573)	144 sf	PD-5	Non	ND	0	O&M		N
571	H-4	A	Floor Tile, 12" Grey	Room 137, 138	396 sf	PD-5	Non	ND	0	O&M		N
571	H-5	A	Floor Tile, 9" Tan	Room 106	576 sf	PD-5	Non	ND	0	O&M		N
571	H-9	A	Grout, Blue 1" Ceramic Tile	Room 104, 105, 110	389 sf	PD-5	Non	ND	0	O&M		N
571	H-10	A	Grout, Light Blue 4" Ceramic Tile	Room 104	336 sf	PD-5	Non	ND	0	O&M		N
571	H-11	A	Grout, Dark Blue 4" Ceramic Tile	Room 104, 105	36 sf	PD-5	Non	ND	0	O&M		N

PARCEL NO: 01-K BRAC Property Class: 3 North Light Industry - Bldg 571

Asbestos Survey Summary

Building	Homo Area	ACM	Description	Location	Qty	Rating	Fri-able	Condi-tion	% Dam-age	Recommended Action	Comments	Status
571	H-12	A	Roofing, Tar And Gravel	Roof	148402 sf	PD-6	Non	ND	0	O&M		N
571	H-13	Y	Glazing, Window Exterior	Exterior	175 lf	D-7	Non	D	5	O&M	Glazing was missing and chipped.	N
571	H-14	A	Grout, Grey 2" Ceramic Tile	Room 110	100 sf	PD-5	Non	ND	0	O&M		N
571	H-15	A	Grout, Tan 4" Ceramic Tile	Room 110	45 sf	PD-5	Non	ND	0	O&M		N
571	H-16	A	Fire Door	Room 101 Thru 103, 109, 111, 113, 127, 134, 201, 202	585 sf	PD-6	Non	ND	0	O&M	There were 19 fire doors	N
577	H-1	A	Cinder Block	Room 101, 102	1515 sf	D-5	Non	D	1	O&M		N
577	H-3	Y	Glazing, Window Exterior And Interior	Exterior and Room 101	576 sf	PD-3	Non	ND	0	O&M		N

Legend: ACM: Y = Yes by sample, N = None by sample, A = Yes by visual inspection Condition: SD = Significantly Damaged, D = Damaged, PD = Potential for Damage, ND = No Damage Qty: SF = Square Feet, LF = Linear Feet Recommended Action: OM = Operation Maintenance Status: R = Remediation Required, C = Remediation Completed, N = No Work, Sat.

Backflow Prevention and Cross-Connection Survey

Building	Location	Potential Hazard or Comment	Corrective Action or Comment	Degree of Hazard
571	Outside, SE	In-ground sprinkler system for lawn area.		Low
571	Inside	No deficiencies found.	Install DCVA.	

Note: The Backflow Prevention and Cross-Connection Survey Report information is a listing of what buildings or locations have Backflow Preventors in the drinking water system throughout Mare Island. The report also lists any potential hazards or comments concerning potential hazards and the correcting actions or comments. Also listed is the degree of hazard for each preventor For further information see the actual Backflow Prention and Cross-Connection Survey Report.

Building Closure File Information

Building	Check List No.	Def Item No.	Concern Code	Description of Problem	Correction Comment	Prob Corrected	Date of Correction
571	3k		25	Air emission issues		Yes	12/2/97
571	3c		24	Industrial wastewater issues		Yes	12/2/97
577	3g	4,10,3	6	PCB Survey	Survey completed	YES	12/12/97
577		20,23	6	Oil stains (Facility)	Removed.	YES	17/98
577		30	6	Oil contamination - machinery (Facility)	Removed.	YES	17/98
577		14,17	6	Oil contamination - machinery (Facility)	Repaired.	YES	17/98
577		9	29	Lead battery	Removed.	YES	17/98
577	3e	36	7	Vacuum abandoned (contaminated)	Removed.	YES	17/98
577		18,33	6	Oil reservoir	Removed.	YES	17/98

MARE ISLAND ENVIRONMENTAL REPORT

Printed: 10/25/00

PARCEL NO: 01-K BRAC Property Class: 3 North Light Industry - Bldg 571

Building Closure File Information

Building	Check List No.	Def Item No.	Concern Code	Description of Problem	Correction Comment	Prob Corrected	Date of Correction
577	5,6,21	10		Hazardous Waste Accumulation Area	Removed.	YES	1/7/98
577	8a	22	30	Asbestos survey	Survey completed	YES	10/3/95

Parcel Closure File Information

Check List No.	Def Item No.	Concern Code	Description of Problem	Correction Comment	Prob Corrected	Date of Correction
Add 103	31		Air compressors, generators	DRMO, no action req'd	Yes	2/4/96
Add 102	31		Heavy equipment (forklifts, etc.)	DRMO, no action req'd	Yes	2/4/96
Add 101	31		Refrigerators on pallets	DRMO, no action req'd	Yes	2/4/96
6	2	3	Removed UST @ Bldg 577	Site closed	Yes	12/22/95
5	1	22	HWAA 1082-1 & 1082-2, closed	Surveyed, no action required	Yes	2/4/96
15	9	99	Metal debris	Info only	NA	
15	8	99	Bldg 571 occupied	DRMO, no action req'd	Yes	2/4/96
15	7	99	Vault	Info only	NA	
15	11	31	DRMO storage area	DRMO, no action req'd	Yes	2/4/96
15	10	31	Lawn mowers	DRMO, no action req'd	Yes	2/4/96
14	6	99	Empty drum, non-hazardous	DRMO, no action req'd	Yes	2/4/96
13	5	99	10 Crates	Info only	NA	
13	4	99	30 wood pallets	Info only	NA	
11	3	99	Dredge line on south border	Info only	NA	

MARE ISLAND ENVIRONMENTAL REPORT

Printed: 10/25/00

PARCEL NO: 01-L1A **BRAC Property Class: 1** **Description: North Light Industry**

Parcel Usage

Planned Use: North Light Industry
Current Uses: None (transformer station on site)
Former Uses: Marsh land and dredge area until 1940s. Filled and used as storage area.

Topography/Geology/Soil/Water/Ecological

Flat. Bay mud (Qbm)/Made land (Engineered fill) (Ma). **Elevation:** 10 ft
Estimated Area: 0.93 Acres
Ground Water: None identified. **Archeological:** None
Water Level: 7.5 ft. **Water Flow Direction:** North-Northeast **Ecological:** None

Environmental Summary

Adjacent Parcels:	5	No. of PA/SI Parcels:	3	Radiological Surveys:	0	Haz Waste Treatment Facilities:	0
Buildings/Sites:	1	Tanks/OWSs:	0	Number of Spills:	0	Historical Resources:	1
Utilities by Parcels:	5	PCB Contaminated Equipm:	0	Haz Waste Accumulation Sites:	0	Lead Paint Survey:	0
IR Sites:	0	Ordnance Locations:	0	Haz Waste Storage Sites:	0	Number of Parcel Closure Items:	2
Radon Survey:	0	Asbestos Sites:	1	Backflow Prevention Items:	0		
Closed Buildings:	1	Closed Building Items:	2				

Rationale for Initially Assigning BRAC Property Class - 7

Former skeet range requires evaluation for possible lead contamination (not expected to be found). Man made landfill. Concern for proximity to IR-17. Concern for incomplete groundwater information.

Rationale for Revising BRAC Property Class

Area has been evaluated.

Adjacent Parcel Information

Direction	Adjacent Parcel No.	Prop Class	COMMENT
East	01-N	6	Parcels are separated by Railroad Avenue.

Former Mare Island Naval Shipyard EBS Supplement

Parcel No: 01-L1A

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PARCEL NO:01-L1A BRAC Property Class: 1 Description: North Light Industry

Adjacent Parcel Information

Direction	Adjacent Parcel No.	Prop Class	COMMENT
South	01-K	3	Parcels are separated by "I" Street.
West	01-HA	1	Commissary. Parcels are separated by Walnut Avenue.
West & North	01-L2B	6	Storage warehouse. Parcels are separated by Walnut Avenue.

Building/Site Descriptive Data

Building	Map Quad	Type	Name	Hist. Distr.	Remarks	Year Demo	Year	Total SqFt	Bldg Resp	Building Closure Date
857	J-1	P	Sewer Pump Station			1959		871	SY	

Building/Site Environmental Data Summary

Building	IR Sites	PA_SI Sites	HMS	HW AS (Op)	HW AS (Cl)	HW TS	Haz Vis-	PCB	Ord	Spills	ASB (Tot)	ASB (Rd)	UST (Rm)	UST (IP)	AST (Rm)	AST	OWS	Lead	NNPP	GRAM	Ra- don	
857							1				1	1										

Note: (#) = no. of sites/locations/spills/etc.; (Op) = # open; (Cl) = # closed; (Rm) = # removed; (IP) = # in place and/or suspect; (Tot) -Total # of potential Asbestos sites; (Rd) - # Remediations required of Damaged and Friable asbestos sites; (NR) = Not Released for ordinance

Building/Site Uses/Concerns/BRAC Class Rationale

Building	Current Uses	Former Uses	Remark	Concern/BRAC Rationale
857			Location: West of Railroad Ave., north of "I" St.	

Utilities Summary

Identified Utilities	Description	PA/SI No.	IRP No.
COMPRESSED AIR	ON SOUTH AND EAST SIDE		
NATURAL GAS	ALONG EAST SIDE		
SALT WATER	12" ALONG EAST EDGE		
SANITARY SEWER	ALONG NORTH, EAST AND SOUTH SIDES		SWMU-106
STORM SEWER	THROUGH CENTER OF PARCEL; CONNECTED TO SANITARY SEWER		SWMU-093

MARE ISLAND ENVIRONMENTAL REPORT

Printed: 10/25/00

PARCEL NO: 01-L1B **BRAC Property Class: 6** **Description: North Light Industry - Old Skeet Range**

Parcel Usage

Planned Use: North Light Industry
Current Uses: None (transformer station on site)
Former Uses: Used as skeet range area until 1940s. Marsh land and dredge area until 1940s. Filled and used as storage area.

Topography/Geology/Soil/Water/Ecological

Flat. Bay mud (Qbm)/Made land (Engineered fill) (Ma).
Estimated Area: 6.70 Acres **Elevation:** 10 ft
Ground Water: None identified. **Archeological:** None
Water Level: 7.5 ft. **Water Flow Direction:** North-Northeast **Ecological:** None

Environmental Summary

Adjacent Parcels:	6	No. of PA/SI Parcels:	2	Radiological Surveys:	0	Haz Waste Treatment Facilities:	0
Buildings/Sites:	0	Tanks/OWSs:	0	Number of Spills:	0	Historical Resources:	1
Utilities by Parcels:	5	PCB Contaminated Equipm:	0	Haz Waste Accumulation Sites:	0	Lead Paint Survey:	0
IR Sites:	0	Ordnance Locations:	0	Haz Waste Storage Sites:	0	Number of Parcel Closure Items:	2
Radon Survey:	0	Asbestos Sites:	0	Backflow Prevention Items:	0		
Closed Buildings:	0	Closed Building Items:	0				

Rationale for Initially Assigning BRAC Property Class - 7

Former skeet range requires evaluation for possible lead contamination (not expected to be found). Man made landfill. Concern for proximity to IR-17. Concern for incomplete groundwater information.

Rationale for Revising BRAC Property Class

Area has been evaluated.

Adjacent Parcel Information

Direction	Adjacent Parcel No.	Prop Class	COMMENT
East	01-L1A	6	
East	01-N	6	
North	01-L2B	6	Shipyard Gas Station. Parcels are separated by "K" Street.

PARCEL NO: 01-L1B BRAC Property Class: 6 Description: North Light Industry - Old Skeet Range

Adjacent Parcel Information

Direction	Adjacent Parcel No.	Prop Class	COMMENT
West	01-HB	6	Commissary. Parcels are separated by Walnut Avenue.
West	01-I	6	Storage warehouse. Parcels are separated by Walnut Avenue.
West	01-J1	6	Naval Reserve Center and Old paint Factory site. Parcels are separated by Walnut Avenue.

Building/Site Descriptive Data

Building	Map Quad	Type	Name	Hist. Distr.	Remarks	Year	Year Demo	Total SqFt	Bldg Resp	Building Closure Date
FA7	J-2	D	First Aid Station #7				1989		SY	
579	J-1	D	Transformer Station (SW of Railroad Ave & "K" St)			1942	1982		SY	

Building/Site Environmental Data Summary

Building	IR Sites	PA_Si Sites	HMS	HW AS (Op)	HW AS (Cl)	HW TS	Haz Vis	PCB	PCB	Ord	Spills	ASB (Tot)	ASB (Rd)	UST (Rm)	UST (IP)	AST (Rm)	AST	OWS	OWS	Lead	NNPF	GRAM	Ra- don	
FA7																								
579																								

Note: (#) = no. of sites/locations/spills/etc.; (Op) = # open; (Cl) = # closed; (Rm) = # removed; (IP) = # in place and/or suspect; (Tot) - Total # of potential Asbestos sites; (Rd) - # Remediations required of Damaged and Friable asbestos sites; (NR) = Not Released for ordinance

Building/Site Uses/Concerns/BRAC Class Rationale

Building	Current Uses	Former Uses	Remark	Concern/BRAC Rationale
FA7				
579	Demolished		Location: N of 571	

Utilities Summary

Identified Utilities	Description	PA/SI No.	IRP No.
COMPRESSED AIR	ON SOUTH AND EAST SIDE		
NATURAL GAS	ALONG EAST SIDE		
SALT WATER	12" ALONG EAST EDGE		

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Parcel No: 01-L1B

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MARE ISLAND ENVIRONMENTAL REPORT

Printed: 10/25/00

PARCEL NO: 01-L1B BRAC Property Class: 6 Description: North Light Industry - Old Skeet Range

Utilities Summary

Identified Utilities	Description	PA/SI No.	IRP No.
SANITARY SEWER	ALONG NORTH, EAST AND SOUTH SIDES	SWMU-106	SWMU-106
STORM SEWER	THROUGH CENTER OF PARCEL; CONNECTED TO SANITARY SEWER	SWMU-093	SWMU-093

Preliminary Assessment / Site Inspection Sites

PA/SI No.	CTO No.	Description
SWMU-106		SANITARY SEWER SYSTEM
SWMU-093		STORM SEWER SYSTEM

Parcel Closure File Information (For Total Parcel 01-L1)

Check Item List	Def	Concern	Description of Problem	Correction Comment	Prob Corrected	Date of Correction
8		6	PCB survey for oil filled switch not performed as of 6/13/95.		Yes	
4		6	PCB survey incomplete for oil spots/stains as of 6/13/95.		Yes	

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Parcel No: 01-L1B

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MARE ISLAND ENVIRONMENTAL REPORT

Printed: 10/25/00

PARCEL NO: 01-L2A **BRAC Property Class: 1** **Description: North Light Industry – Paved Area**

Parcel Usage

Planned Use: North Light Industry
Current Uses: Base Exchange Gas Station, Paved Area
Former Uses: Marsh land and dredge area until 1940s. Filled and used for storage

Topography/Geology/Soil/Water/Ecological

Flat. Bay mud (Qbmy)/Made land (Engineered fill)(Ma). **Elevation:** 10 ft
Estimated Area: 0.26 Acres
Ground Water: None identified **Archeological:** None
Water Level: 8 ft. **Water Flow Direction:** North-Northeast **Ecological:** None

Environmental Summary

Adjacent Parcels:	6	No. of PA/SIParcel:	2	Radiological Surveys:	0	Haz Waste Treatment Facilities:	0
Buildings/Sites:	1	Tanks/OWSs:	0	Number of Spills:	0	Historical Resources:	1
Utilities by Parcels:	5	PCB Contaminated Equipm:	0	Haz Waste Accumulation Sites:	0	Lead Paint Survey:	0
IR Sites:	0	Ordnance Locations:	0	Haz Waste Storage Sites:	0	Number of Parcel Closure Items:	1
Radon Survey:	0	Asbestos Sites:	0	Backflow Prevention Items:	0		
Closed Buildings:	0	Closed Building Items:	0				

Rationale for Initially Assigning BRAC Property Class - 7

Unknown contamination surrounding USTs. Concern for incomplete groundwater information.

Rationale for Revising BRAC Property Class

Area has been evaluated.

Adjacent Parcel Information

Direction	Adjacent Parcel No.	Prop Class	COMMENT
East	01-N	6	Parcels are separated by Railroad Avenue.
East	01-O	1	Parcels are separated by Railroad Avenue.
North	01-L3A	1	Parcels are separated by a paved roadway.

Former Mare Island Naval Shipyard EBS Supplement

Parcel No: 01-L2A

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MARE ISLAND ENVIRONMENTAL REPORT

Printed: 10/25/00

PARCEL NO: 01-L2A **BRAC Property Class: 1** **Description: North Light Industry - Gas Station**

Adjacent Parcel Information

Direction	Adjacent Parcel No.	Prop Class	COMMENT
South & West	01-L2B	6	

Utilities Summary

Identified Utilities	Description	PA/SI No.	IRP No.
NATURAL GAS	ALONG EAST SIDE		
SALT WATER	ALONG EAST EDGE		
SANITARY SEWER	ALONG NORTH, EAST AND SOUTH SIDES	SWMU-106	
STORM SEWER	2-8" COLLECTION LINES; 36" LINE ON NORTH SIDE	SWMU-093	
TRANSFORMERS	A list of all transformers is available on a separate utility report. Transformers with PCBs are listed on parcel, SEBS, and BCT reports in the PCB Contaminated Equipment table.		

Preliminary Assessment / Site Inspection Sites

PA/SI No.	CTO No.	Description
SWMU-106		SANITARY SEWER SYSTEM
SWMU-093		STORM SEWER SYSTEM

Parcel Closure File Information

Check List	Def Item	Concern	Description of Problem	Correction Comment	Prob Corrected	Date of Correction
11	4	99	Dredge line on North border	Info only	NA	

PARCEL NO: 01-L1A BRAC Property Class: 1 Description: North Light Industry

Preliminary Assessment / Site Inspection Sites

PA/SI No.	CTO No.	Description
SWMU-106		SANITARY SEWER SYSTEM
SWMU-093		STORM SEWER SYSTEM

PCB Contaminated Equipment

Building	Equipment Type	Equipment No.	Relative Location	PCB		Volume	Status	Leaker
				Code	Level			
857	Rocker Arm	RA-129	RR & K St., Southwest	<	1	130	Active	

Note: Transformers, Circuit Breakers, and Rocker Arms only.

PCB Code: "<<" - PCB level is less than (usually 1); "=" - PCB level has been verified by sampling; ">" - PCB level is greater than (usually 500); "?" - PCB level is not verified (usually refers to zero level); "R" - PCB level indicated before Removal/Replacement/Refilling of original unit

Asbestos Survey Summary

Building	Homo	ACM	Description	Location	Qty	Rating	Fri-a	Condi-ti	%	Recommended	Comments	Status
857	H-2	A	Roofing, Tar And Gravel	Roof	320 sf	PD-5	Non	ND	0	O&M		N

Legend ACM: Y = Yes by sample, N = None by sample, A = Yes by visual inspection Condition: SD = Significantly Damaged, D = Damaged, PD = Potential for Damage, ND = No Damage
 Qty: SF = Square Feet, LF = Linear Feet Recommended Action: O&M = Operation & Maintenance Status: R = Remediation Required, C = Remediation Completed, N = No Work, Sat. as it.

Building Closure File Information

Building	Check List	Def Item	Concern	Description of Problem	Correction Comment	Prob Corrected	Date of Correction
857			6 PCB Survey		Survey completed	YES	2/5/97
857	8A	7	30 Asbestos survey		Survey completed	YES	6/7/97

Parcel Closure File Information (For Total Parcel 01-L1)

Check List	Def Item	Concern	Description of Problem	Correction Comment	Prob Corrected	Date of Correction
8		6	PCB survey for oil filled switch not performed as of 6/13/95.		Yes	
4		6	PCB survey incomplete for oil spots/stains as of 6/13/95.		Yes	

MARE ISLAND ENVIRONMENTAL REPORT

Printed: 10/25/00

PARCEL NO: 01-L2B BRAC Property Class: 6 Description: North Light Industry - Gas Station

Parcel Usage

Planned Use: North Light Industry
Current Uses: Base Exchange Gas Station (built 1975)
Former Uses: Marsh land and dredge area until 1940s. Filled and used for storage

Topography/Geology/Soil/Water/Ecological

Flat. Bay mud (Qbm)/Made land (Engineered fill)(Ma).
Estimated Area: 3.40 Acres **Elevation:** 10 ft
Ground Water: None identified **Archeological:** None
Water Level: 8 ft. **Water Flow Direction:** North-Northeast **Ecological:** None

Environmental Summary

Adjacent Parcels:	6	No. of PA/SI Parcels:	3	Radiological Surveys:	0	Haz Waste Treatment Facilities:	0
Buildings/Sites:	1	Tanks/OWSs:	5	Number of Spills:	9	Historical Resources:	1
Utilities by Parcels:	5	PCB Contaminated Equipm:	0	Haz Waste Accumulation Sites:	1	Lead Paint Survey:	0
IR Sites:	0	Ordinance Locations:	0	Haz Waste Storage Sites:	0	Number of Parcel Closure Items:	6
Radon Survey:	0	Asbestos Sites:	7	Backflow Prevention Items:	2		
Closed Buildings:	1	Closed Building Items:	22				

Rationale for Initially Assigning BRAC Property Class - 7

Unknown contamination surrounding USTs. Concern for incomplete groundwater information.

Rationale for Revising BRAC Property Class

Area has been evaluated.

Adjacent Parcel Information

Direction	Adjacent Parcel No.	Prop Class	COMMENT
East	01-L2A	1	
East	01-N	6	Parcels are separated by Railroad Avenue.
North	01-L3B	6	Parcels are separated by a paved roadway.

PARCEL NO: 01-L2B

BRAC Property Class: 6

Description: North Light Industry - Gas Station

Adjacent Parcel Information

Direction	Adjacent Parcel No.	Prop Class	COMMENT
South	01-L1B	6	Parcels are separated by "K" Street.
West	01-J1	6	Parcels are separated by Walnut Avenue.

Building/Site Descriptive Data

Building	Map Quad	Type	Name	Hist. Distr.	Remarks	Year Demo	Total SqFt	Bldg Resp	Building Closure Date
993	J-2	P	Service Station			1975	6,000	SY	

Building/Site Environmental Data Summary

Building	IR Sites	PA_SI Sites	HMS	HW AS (Op)	HW AS (Cl)	HW TS	Haz Vis	PCB	PCB Ord	Spills	ASB (Tot)	ASB (Rd)	UST (Rm)	UST (IP)	AST (Rm)	AST	OWS	OWS	Lead	NNPP	GRAM	Ra-don	
993				1			3	1		9	7	7	4						1				

Note: (#) = no. of sites/locations/spills/etc.; (Op) = # open; (Cl) = # closed; (Rm) = # removed; (IP) = # in place and/or suspect; (Tot) - Total # of potential Asbestos sites; (Rd) - # Remediations required of Damaged and Friable asbestos sites; (NR) = Not Released for ordinance

Building/Site Uses/Concerns/BRAC Class Rationale

Building	Current Uses	Former Uses	Remark	Concern/BRAC Rationale
993			Location: East of Walnut Ave., between "K" St. and "L" Street	

Utilities Summary

Identified Utilities	Description	PA/SI No.	IRP No.
NATURAL GAS	ALONG EAST SIDE		
SALT WATER	ALONG EAST EDGE		
SANITARY SEWER	ALONG NORTH, EAST AND SOUTH SIDES		SWMU-106
STORM SEWER	2-8" COLLECTION LINES; 36" LINE ON NORTH SIDE		SWMU-093
TRANSFORMERS	A list of all transformers is available on a separate utility report. Transformers with PCBs are listed on parcel, SEBS, and BCT reports in the PCB Contaminated Equipment table.		

Preliminary Assessment / Site Inspection Sites

PA/SI No.	CTO No.	Description
SWMU-106		SANITARY SEWER SYSTEM

MARE ISLAND ENVIRONMENTAL REPORT

Printed: 10/25/00

PARCEL NO: 01-L2B BRAC Property Class: 6 Description: North Light Industry - Gas Station

Preliminary Assessment / Site Inspection Sites

PAISI No.	CTO No.	Description
SWMU-093		STORM SEWER SYSTEM
SWMU-086		WASTE OIL TANK (993-4) (REMOVED 7/18/90)

Tanks and OWS Summary

Building	Type	Tank No.	Location	Physical Status	Cisd	Contents	Remarks	Removed	Volume (gal)	Construction
993	OWS	01	Gas Station	Inactive	No	Oil, Water		Unknown		Concrete
993	UST	1		Removed	No	Gasoline	Pending closure letter	5/7/96	12000	Fiberglass
993	UST	2		Removed	No	Gasoline	Pending closure letter	5/7/96	12000	Fiberglass
993	UST	3		Removed	No	Gasoline	Pending closure letter	5/7/96	12000	Fiberglass
993	UST	4		Removed	No	Waste oil	Metals in soil, BTEX, TPH & TOG, CTO 0019	7/18/90	500	Fiberglass

PCB Contaminated Equipment

Building	Equipment Type	Equipment No.	Relative Location	PCB			Status	Leaker
				Code	Level	Volume		
993	Transformer	T-1605	Walnut Av; Gas Station	R	60.8	40	Removed	N

Note: Transformers, Circuit Breakers, and Rocker Arms only.
 PCB Code: "L" - PCB level is less than (usually 1); "R" - PCB level has been verified by sampling; "S" - PCB level is greater than (usually 500);
 "P" - PCB level is not verified (usually refers to zero level); "R" - PCB level indicated before Removal/Replacement/Refilling of original unit

Spill History

Building	HWCN	Direction	Relative Location	Substance	Quantity	Date	Released To	Comments
993	0094-93		Navy Exchange Gas Station	Unleaded Gasoline	4 gal	2/24/93	Concrete	
993	0313-92		Navy Exchange Gas Station	Gasoline	unk	6/15/92	Concrete	
993	0215-92		Navy Exchange Gas Station	Epoxy Paint	55 gal	4/22/92	Concrete	
993	0771-91		Navy Exchange Gas Station	Oil / Water and Poss. Antifreeze	50 gal	1/24/91	Soil	
993			Navy Exchange Gas Station	Oil	50 gal	7/1/89	land	
993			Navy Exchange Gas Station	Gas	1 gal	3/1/89	land	
993	0777-91		AUTO SERVICE	Oil / Liquid Mixture	unk	11/1/91	soil	
993	0089-92			Gasoline	15 gal	2/19/92	Concrete, Storm Drain	
993				Oil	15 gal	9/1/88	land	

Hazardous Waste Accumulation Sites

Building	HWAA	Relative Location	Status	Unit Description	Hazardous Wastes Stored
993	1097-1	Inside fenced area adjacent to Bldg 993	Closed	Drums	Flammable, combustibles

PARCEL NO: 01-L2B

BRAC Property Class: 6

Description: North Light Industry - Gas Station

Asbestos Survey Summary

Building	Homo	ACM	Description	Location	Qty	Rating	Fri-a bie	Condt-l on	% Dam- age	Recommended	Comments	Status
993	H-5	A	Floor Tile, 12" Off-White	Room 103, 105, 108	2339 sf	D-8	Non	D	1	O&M	Floor tile had cracks.	N
993	H-6	A	Floor Tile, 12" White	Room 102	312 sf	D-7	Non	D	1	O&M	Floor tile had cracks.	N
993	H-7	A	Coving Mastic, 4"	Room 102, 103, 105, 108	140 sf	D-7	Non	D	1	O&M	Coving had cracks exposing mastic.	N
993	H-8	A	Roofing, Tar And Gravel	Roof B	3240 sf	D-8	Non	D	1	O&M	Roofing had cracks.	N
993	H-9	A	Transite, 1/4" Wallboard	Exterior	117 sf	PD-5	Non	ND	0	O&M		N
993	H-10	A	Mortar	Room 104, 106, 107	90 sf	D-7	Non	D	1	O&M	Mortar had cracks.	N
993	H-11	A	Roofing, Rolled Composition	Roof C	25 sf	PD-5	Non	ND	0	O&M		N

Legend ACM: Y = Yes by sample, N = None by sample, A = Yes by visual inspection Condition: SD = Significantly Damaged, D = Damaged, PD = Potential for Damage, ND = No Damage
 Qty: SF = Square Feet, LF = Linear Feet Recommended Action: O&M = Operation & Maintenance Status: R = Remediation Required, C = Remediation Completed, N = No Work, Sat. as it.

Backflow Prevention and Cross-Connection Survey

Building	Location	Potential Hazard or Comment	Corrective Action or Comment	Degree of Hazard
993	Outside, W	PVB installed for protecting water to irrigation system.	Inadequate protection. Install DCVA.	Low
993	E, Carryout section	Water connected to CO2 carbonated beverage dispenser.	Install RPBA.	High

Note: The Backflow Prevention and Cross-Connection Survey Report information is a listing of what buildings or locations have Backflow Preventors in the drinking water system throughout Mare Island. The report also lists any potential hazards or comments concerning potential hazards and the correcting actions or comments. Also listed is the degree of hazard for each preventor. For further information see the actual Backflow Prevention and Cross-Connection Survey Report.

Building Closure File Information

Building	Check List	Def Item	Concern	Description of Problem	Correction Comment	Prob Corrected	Date of Correction
993	7	1	31	Water heater	Info only	NA	
993	3a		2	PA/SI site	Info only	NA	
993	3c		22	HWAA 1097-1, closed	No action required	Yes	2/21/96
993	3e	10	3	UST's #1,2,& 3 12,000 gal. gas	Scheduled for removal	Yes	2/12/96
993	3g		6	PCB report	Surveyed & released	Yes	2/22/95
993	3i		21	HAZMAT storage	None now present	Yes	2/21/96
993	3k	13	25	Airborne emission sources #623, 264, 265, 266, 267	No deficiencies, cleared	Yes	2/5/96
993	4d		36	Tanks	Scheduled for removal	Yes	2/12/96
993	4i		7	Spill history	Info only	NA	
993	1		37	Gas pumps & UST's beyonds'	Info only	NA	

MARE ISLAND ENVIRONMENTAL REPORT

Printed: 10/25/00

PARCEL NO: 01-L2B

BRAC Property Class: 6

Description: North Light Industry - Gas Station

Building Closure File Information

Building	Check List	Def Item	Concern	Description of Problem	Correction Comment	Prob Corrected	Date of Correction
993	6b		31	Facility eqmt present	Info only	NA	
993	7	12	6	Transformer	Info only	NA	
993	7	2	7	Non-oil stains on shelves	Dry & fixed, no action req'd	Yes	2/1/96
993	7	3	43	Water on ceiling	Cleared	Yes	2/22/96
993	7	4	6	Auto lift removed (Possible PCB's)	PCBs within limits	Yes	2/22/95
993	7	5	6	Roll-up doors (Possible PCB's)	Not contaminated	Yes	2/22/95
993	7	6	6	Oil space heater (Possible PCB's)	PCBs within limits	Yes	2/22/95
993	7	7	6	Oil/hydraulic piping (Possible PCB's)	PCBs within limits	Yes	2/22/95
993	7	8	7	Non oil stains on floor	Dry & fixed, no action required	Yes	2/1/96
993	7	9	7	Oil/ absorbent on floor	Survey completed	Yes	4/22/96
993	7	11	41	Broken conduit	Taped	Yes	2/21/96
993	5a		30	Asbestos survey required	No friable found, bldg. released	Yes	2/21/96

Parcel Closure File Information

Check List	Def Item	Concern	Description of Problem	Correction Comment	Prob Corrected	Date of Correction
8	3	6	Transformer T-1951, no leaks	Info only	NA	
6	2	3	Three gasoline UST's, 1 removed UST @ Bldg 993	Site assessment & removal actions in progress	Yes	5/7/96
5	1	22	HAAA 1097-1 @ Bldg 993, closed	No action required	Yes	2/9/96
15	6	36	Vault	Info only	NA	
15	5	99	Bldg. 993 occupied	Info only	NA	
11	4	99	Dredge line on North border	Info only	NA	

MARE ISLAND ENVIRONMENTAL REPORT

Printed: 10/25/00

PARCEL NO: 01-L3A

BRAC Property Class: 1

Description: North Light Industry - Heliport

Parcel Usage

Planned Use: North Light Industry

Current Uses: None (occasional heliport)

Former Uses: Marsh land and dredge area until 1940s. Filled and used for storage area and for theater into 1970s.

Topography/Geology/Soil/Water/Ecological

Flat. Bay mud (Qbm)/Made land (Engineered fill)(Ma).

Estimated Area: 6.22 Acres

Elevation: 10 ft

Ground Water: Gas tanks located in Parcel 01-L2B to the south.

Archeological: None

Water Level: 8 ft.

Water Flow Direction: North-Northeast

Ecological: None

Environmental Summary

Adjacent Parcels:	7	No. of PA/S/Parcels:	2	Radiological Surveys:	0	Haz Waste Treatment Facilities:	0
Buildings/Sites:	0	Tanks/OWSs:	0	Number of Spills:	0	Historical Resources:	0
Utilities by Parcels:	4	PCB Contaminated Equipm:	0	Haz Waste Accumulation Sites:	0	Lead Paint Survey:	0
IR Sites:	0	Ordnance Locations:	0	Haz Waste Storage Sites:	0	Number of Parcel Closure Items:	1
Radon Survey:	0	Asbestos Sites:	0	Backflow Prevention Items:	0		
Closed Buildings:	0	Closed Building Items:	0				

Rationale for Initially Assigning BRAC Property Class - 7

Concern for proximity to IR site and incomplete groundwater information.

Rationale for Revising BRAC Property Class

Area has been evaluated and no groundwater contamination was detected.

Adjacent Parcel Information

Direction	Adjacent Parcel No.	Prop Class	COMMENT
East	01-O	1	Parcels are separated by Railroad Avenue.
North	01-M	1	Parcels are separated by an open field.
South	01-L2A	1	Parcels are separated by an open field.

PARCEL NO: 01-L3A BRAC Property Class: 1 Description: North Light Industry - Heliport

Adjacent Parcel Information

Direction	Adjacent Parcel No.	Prop Class	COMMENT
South	01-L3B	6	
West	01-J1	6	Parcels are separated by Walnut Avenue.
West	01-J2A	1	Parcels are separated by Walnut Avenue.
West	01-J4	1	Parcels are separated by Walnut Avenue.

Building/Site Descriptive Data

Building	Map Quad	Type	Name	Hist. Distr.	Remarks	Year Demo	Total SqFt	Bldg Resp	Building Closure Date
753	K-2	D	Theater			UNK		SY	

Building/Site Environmental Data Summary

Building	IR Sites	PA_SI Sites	HMS	HW AS (Op)	HW AS (Ci)	HW TS	Haz Vis-	PCB	PCB	Ord	Spills	ASB (Tot)	ASB (Rd)	UST (Rm)	UST (IP)	AST (Rm)	AST	OWS	OWS	Lead	NNPP	GRAM	Ra- don	
753																								

Note: (#) = no. of sites/locations/spills/etc.; (Op) = # open; (Ci) = # closed; (Rm) = # removed; (IP) = # in place and/or suspect; (Tot) - Total # of potential Asbestos sites; (Rd) - # Remediations required of Damaged and Friable asbestos sites; (NR) = Not Released for ordinance

Building/Site Uses/Concerns/BRAC Class Rationale

Building	Current Uses	Former Uses	Remark	Concern/BRAC Rationale
753			Location: East of Bldg. 625	

Utilities Summary

Identified Utilities	Description	PA/SI No.	IRP No.
NATURAL GAS	ALONG EAST SIDE		
SALT WATER	ALONG EAST SIDE, 12"		
SANITARY SEWER	ALONG NORTH, EAST, AND SOUTH SIDES		SWMU-106
STORM SEWER	36" LINE ON SOUTH SIDE; 8" LINE ON WEST		SWMU-093

Preliminary Assessment / Site Inspection Sites

PA/SI No.	CTO No.	Description
SWMU-106		SANITARY SEWER SYSTEM
SWMU-093		STORM SEWER SYSTEM

MARE ISLAND ENVIRONMENTAL REPORT

Printed: 10/25/00

PARCEL NO: 01-L3A **BRAC Property Class: 1** **Description: North Light Industry - Heliport**

Parcel Closure File Information

Check List	Def Item	Concern	Description of Problem	Correction Comment	Prob Corrected	Date of Correction
				Environmental issues have been investigated		

MARE ISLAND ENVIRONMENTAL REPORT

Printed: 10/25/00

PARCEL NO: 01-L3B BRAC Property Class: 6 Description: North Light Industry - Heliport

Parcel Usage

Planned Use: North Light Industry
Current Uses: None (occasional heliport)
Former Uses: Marsh land and dredge area until 1940s. Filled and used for storage area and for theater into 1970s.

Topography/Geology/Soil/Water/Ecological

Flat. Bay mud (Qbm)/Made land (Engineered fill)(Ma).
Estimated Area: 0.94 Acres Elevation: 10 ft
Ground Water: Gas tanks located in Parcel 01-L2 to the south. Archeological: None
Water Level: 8 ft. Water Flow Direction: North-Northeast Ecological: None

Environmental Summary

Table with 2 columns: Environmental Summary Item and Count. Items include Adjacent Parcels (3), Buildings/Sites (0), Utilities by Parcels (4), IR Sites (0), Radon Survey (0), Closed Buildings (0), No. of PA/SIParcel (2), Tanks/OWSs (0), PCB Contaminated Equipm (0), Ordnance Locations (0), Asbestos Sites (0), Closed Building Items (0), Radiological Surveys (0), Number of Spills (0), Haz Waste Accumulation Sites (0), Haz Waste Storage Sites (0), Backflow Prevention Items (0), Haz Waste Treatment Facilities (0), Historical Resources (0), Lead Paint Survey (0), and Number of Parcel Closure Items (1).

Rationale for Initially Assigning BRAC Property Class - 7

Concern for proximity to IR site and incomplete groundwater information.

Rationale for Revising BRAC Property Class

Area has been evaluated and no groundwater contamination was detected.

Adjacent Parcel Information

Table with 3 columns: Direction, Adjacent Parcel No., Prop Class, and COMMENT. Rows include North (01-L3A, 1) and South (01-L2B, 6) with a comment: 'Parcels are separated by an open field.'

Former Mare Island Naval Shipyard EBS Supplement

Parcel No: 01-L3B

Page: 1

MARE ISLAND ENVIRONMENTAL REPORT

Printed: 10/25/00

PARCEL NO: 01-L3B **BRAC Property Class: 1** **Description: North Light Industry - Heliport**

Adjacent Parcel Information

Direction	Adjacent Parcel No.	Prop Class	COMMENT
West	01-J1	6	Parcels are separated by Walnut Avenue.

Utilities Summary

Identified Utilities	Description	PA/SI No.	IRP No.
NATURAL GAS	ALONG EAST SIDE		
SALT WATER	ALONG EAST SIDE, 12"		
SANITARY SEWER	ALONG NORTH, EAST, AND SOUTH SIDES	SWMU-106	
STORM SEWER	36" LINE ON SOUTH SIDE; 8" LINE ON WEST	SWMU-093	

Preliminary Assessment / Site Inspection Sites

PA/SI No.	CTO No.	Description
SWMU-106		SANITARY SEWER SYSTEM
SWMU-093		STORM SEWER SYSTEM

Parcel Closure File Information

Check List	Def Item Concern	Description of Problem	Correction Comment	Prob Corrected	Date of Correction
			Environmental issues have been investigated		

MARE ISLAND ENVIRONMENTAL REPORT

Printed: 10/25/00

PARCEL NO: 01-M

BRAC Property Class: 1

North Light Industry - Training Facility and North Gate

Parcel Usage

Planned Use North Light Industry

Current Uses: Training area, north gate; warehouse at building 673.

Former Uses: Marsh land and dredge area until 1940s. Filled in and current buildings put in early to middle 1940s.

Topography/Geology/Soil/Water/Ecological

Flat. Bay mud (Qbm)/Made land (Engineered fill)(Ma).

Estimated Area: 6.2877 Acres Elevation: 10 ft

Ground Water: None identified

Archeological: None

Water Level: 8.5 ft.

Water Flow Direction: North-Northeast

Ecological: None

Environmental Summary

Adjacent Parcels:	6
Buildings/Sites:	6
Utilities by Parcels:	6
IR Sites:	0
Radon Survey:	2
Closed Buildings:	6

No. of PA/SIParcels:	2
Tanks/OWSs:	0
PCB Contaminated Equipm:	0
Ordnance Locations:	0
Asbestos Sites:	35
Closed Building Items:	27

Radiological Surveys:	1
Number of Spills:	0
Haz Waste Accumulation Sites:	0
Haz Waste Storage Sites:	5
Backflow Prevention Items:	5

Haz Waste Treatment Facilities:	0
Historical Resources:	6
Lead Paint Survey:	0
Number of Parcel Closure Items:	4

Rationale for Initially Assigning BRAC Property Class - 7

History of G-RAM in building 755. Concern for incomplete groundwater information.

Rationale for Revising BRAC Property Class

Area has been evaluated. G-RAM issues have been resolved and no groundwater contamination has been detected.

Adjacent Parcel Information

Direction	Adjacent Parcel No.	Prop Class	COMMENT
East	01-O	2-5	Parcels are separated by Railroad Avenue.
East	01-P	1	Parcels are separated by Railroad Avenue.
North	-		State Highway 37. Separated by a fence and North Gate Sentry Station.

PARCEL NO: 01-M BRAC Property Class: 1 North Light Industry - Training Facility and North Gate

Adjacent Parcel Information

Direction	Adjacent Parcel No.	Prop Class	COMMENT
North	21		Adjacent City Properties on River Way Ln
South	01-L3	1	Parcels are separated by an open field.
West	01-J4	1	Parcels are separated by Walnut Avenue.

Building/Site Descriptive Data

Building	Map Quad	Type *	Name	Hist. Distr.	Remarks	Year Built	Year Demo	Total Sqft	Bldg Resp	Building Closure Date
589	J-1	P	Storage			1942		2,842	SY	6/1/95
673	K-1	P	Warehouse			1942		13,524	SY	
755	K-1	P	Training Facility			1945		56,600	SY	
959	K-1	P	Sentry House - North Gate			1967		55	SY	9/4/96
959A	K-1	P	Sentry House - North Gate			1967		55	SY	9/4/96
AA7	K-2	N	Basketball Court, Bldg 755			1945			SY	9/21/95
AA8	K-2	N	Tennis Courts, Bldg 755			1944			SY	9/21/95
AA12	K-2	D	Tennis Courts Building			1968	UNK		SY	

Building/Site Environmental Data Summary

Building	IR Sites	PA_SI Sites	HMS (#)	HW AS (Op)	HW AS (Ci)	HW TS	Haz Vis	PCB (Rm)	PCB (IP)	PCB (NR)	Spills	ASB (Tot)	ASB (Rd)	UST (Rm)	UST (IP)	AST (Rm)	AST (IP)	OWS (Rm)	OWS (IP)	Lead Paint	NNPP GRAM	Ra- don Srvy		
589							2	1				2	2								N	(G)		
673							5					3												
755			5				5	1				28	28									G	Y	
959							1					2	2										Y	
959A							1					2												
AA7																								
AA8																								
AA12																								

Note: (#) = no. of sites/locations/spills/etc.; (Op) = # open; (Ci) = # closed; (Rm) = # removed; (IP) = # in place and/or suspect; (Tot) - Total # of potential Asbestos sites; (Rd) - # Remediations required of Damaged and Friable asbestos sites; (NR) = Not Released for ordinance

Building/Site Uses/Concerns/BRAC Class Rationale

Building	Current Uses	Former Uses	Remark	Concern/BRAC Rationale

PARCEL NO: 01-M BRAC Property Class: 1 North Light Industry - Training Facility and North Gate

Building/Site Uses/Concerns/BRAC Class Rationale

Building	Current Uses	Former Uses	Remark	Concern/BRAC Rationale
AA8				
AA7				
AA12				
959A			Location: North Gate Exit	
959			Location: North Gate Entrance	
755			Location: East of Walnut Ave., west of Railroad Ave., south of "Q" Street	
673			Location: West of Railroad Ave., south of "Q" St., south of Bldg 755	
589			Location: East of Waterfront Ave., south of "K" Street	

Utilities Summary

Identified Utilities	Description	PA/SI No.	IRP No.
LAN			
NATURAL GAS	ALONG EAST SIDE		
SALT WATER	12" LINE ALONG EAST SIDE		
SANITARY SEWER	ALONG EAST AND SOUTH SIDES. ALSO THROUGH PARCEL FOR BLDG 755.	SWMU-106	
STORM SEWER		SWMU-093	
TRANSFORMERS	A list of all transformers is available on a separate utility report. Transformers with PCBs are listed on parcel, SEBS, and BCT reports in the PCB Contaminated Equipment table.		

Preliminary Assessment / Site Inspection Sites

PA/SI No.	CTO No.	Description
SWMU-106		SANITARY SEWER SYSTEM
SWMU-093		STORM SEWER SYSTEM

PCB Contaminated Equipment

Building	Equipment Type	Equipment No.	Relative Location	PCB		
				Code	Level	Volume (gal.)
589	Transformer	T-0886	Railroad Av; Inside	R	500	176
755	Transformer	T-1093	Walnut Av; Outside	R	2	132

PCB Code: "C" - PCB level is less than (usually 1); "=" - PCB level has been verified by sampling; ">" - PCB level is greater than (usually 500); "?" - PCB level is not verified (usually refers to zero level); "R" - PCB level indicated before Removal/Replacement/Refilling of original unit

Note: Transformers, Circuit Breakers, and Rocker Arms only.

PARCEL NO: 01-M BRAC Property Class: 1 North Light Industry - Training Facility and North Gate

NPSP and G-RAM Survey Locations

Building	NPSP	G-RAM	NPSP Remarks	G-RAM Remarks	Navy Released?	Agency Concurred?
589	N	(G)			Yes	Yes
755	G	G			Yes	Yes

Facilities/areas designated as "N" or "G" required radiological surveys, based on their history of use, to document the absence of radioactivity. Facilities/areas designated as "(N)" or "(G)" have no history of radiological usage, but are being surveyed as an added measure of protection.

Hazardous Material Storage Sites

Building	MSDS No.	Code	Location	Description	Quantity
755	M/00221-07858	1162-3	F2, N	WD-40 SPRAY CANS	1.92 LB
	M/00221-07825	1162-3	F2, N	GLASS CLEANER, REGULAR	64 LB
	M/00221-01239	1162-3	F2, N	DEVELOPER FLUID CONTAINED IN FILM POD	64 LB
	M/00221-00615	1162-3	F2, N	BESTLINE SOLVENT & THINNER (COMM. HEXANE)	128 LB
	M/00221-00373	1162-3	F2, N	SCOTCH BRAND 6065 SPRA-MOUNT ADHESIVE	19.84 LB

Radon Survey / Assessment Summary

Building	RSS Reading	RSS Detector	RAS Test Results	RAS No. of Detectors	Notes
755			0.3/0.1	31	
959			0.1/0.1	2	

Asbestos Survey Summary

Building	Homo Area	ACM	Description	Location	Qty	Rating	Fri-able	Condi-tion	% Dam- age	Recommended Action	Comments	Status
589	H-1	A	Roofing, Tar And Gravel	Roof	1550 sf	PD-3	Non	ND	0	O&M		N
589	H-2	A	Cinder Block And Mortar	Exterior and Room 100	2852 sf	PD-3	Non	ND	0	O&M		N
673	H-5	A	Roofing, Tar And Gravel	Roof	14700 sf	PD-5	Non	ND	0	O&M		N
673	H-6	A	Fire Door	Room 104-106	120 sf	PD-5	Non	ND	0	O&M	There were three fire doors.	N
673	H-7	A	Floor Tile, 9" Black	Room 101	150 sf	PD-5	Non	ND	0	O&M		N
755	H-1	A	Floor Tile, 12" Grey W/ Black And White Specks	See Attached Sheets	49157 sf	D-10	Non	D	1	O&M	Small pieces of floor tile were broken, loose, or missing.	N
755	H-2	A	Floor Tile, 12" Beige And Brown	Room 105A and 123	242 sf	PD-6	Non	ND	0	O&M		N
755	H-3	A	Floor Tile, 12" White And Black And Grey	Room 109, 109A, 116	1152 sf	PD-6	Non	ND	0	O&M		N
755	H-4	A	Floor Tile, 9" Brown And Black	Room 100, 212A, 212B, 212C, 219	663 sf	PD-6	Non	ND	0	O&M		N

MARE ISLAND ENVIRONMENTAL REPORT

Printed: 10/25/00

PARCEL NO: 01-M BRAC Property Class: 1 North Light Industry - Training Facility and North Gate

Asbestos Survey Summary

Building	Homo Area	ACM	Description	Location	Qty	Rating	Fri-able	Condi-tion	% Dam-age	Recommended Action	Comments	Status
755	H-5	A	Floor Tile, 9" Dark Brown And Tan	Room 100 and 124A	260 sf	PD-6	Non	ND	0	O&M		N
755	H-6	A	Grout, Beige And Tan 1"x1 1/2"x2"x2" Tiles	Room 105, 105B, 113, 207A, 207B, 207C, 305A, 305B, 305C	2307 sf	PD-6	Non	ND	0	O&M		N
755	H-7	A	Coving Mastic, 4" Black	See Attached Sheets	2295 sf	PD-6	Non	ND	0	O&M		N
755	H-8	A	Coving Mastic, 3" Black	See Attached Sheets	502 sf	PD-6	Non	ND	0	O&M		N
755	H-9	A	Coving Mastic, 4" Brown	Room 106, 108, 206B, 206C	79 sf	PD-6	Non	ND	0	O&M		N
755	H-10	A	Transite Wallboard	See Attached Sheets	13643 sf	D-11	Non	D	1	O&M	Transite panels had rough exposed holes noted in boiler room.	N
755	H-17	Y	TSI, 2" Pipe	See Attached Sheets	1872 lf	PD-13	Low	ND	0	O&M		N
755	H-18	Y	TSI, 2" Fitting	See Attached Sheets	570 lf	PD-13	Low	ND	0	O&M		N
755	H-19	Y	TSI, 3" Pipe	See Attached Sheets	1242 lf	D-23	Mod	D	3	Remove/Repair/O&M	TSI was torn and exposed on ends of pipe in Room 208 and crawl space. TSI laying loose in the crawl space must be removed.	C
755	H-20	Y	TSI, 3" Fitting	See Attached Sheets	263 lf	D-21	Mod	D	1	Repair/O&M	TSI was torn and lagging around fittings was deteriorated.	C
755	H-21	Y	TSI, 4" Pipe	Room 102, 200, 200B, 201, 202, 203, 204, 205, 207, 207A, 215A, 218A, 219, Boiler Room, R1	270 lf	PD-13	Low	ND	0	O&M		N
755	H-22	Y	TSI, 4" Fitting	Room 200, 200B, 201, 202, 203, 204, 205, 207, 207A, 218A, 219, Boiler Room	31 lf	PD-13	Low	ND	0	O&M		N
755	H-23	Y	TSI, 6" Pipe	See Attached Sheets	623 lf	D-21	Mod	D	1	Repair/O&M	TSI lagging was deteriorated and torn exposing insulation in the crawl space.	C
755	H-24	Y	TSI, 6" Fitting	Room 204, 206, 206A, 206C, 208, 210, 212, 212A, 219, 221, 223, Boiler Room, Crawl Space	82 lf	D-21	Mod	D	3	Repair/O&M	TSI lagging was deteriorated and torn exposing insulation in the crawl space.	C
755	H-25	Y	TSI, 8" Pipe	Room 208 and Boiler Room	75 lf	D-19	Low	D	3	Repair/O&M	TSI crushed in boiler Room.	C
755	H-26	Y	TSI, 8" Fitting	Room 208 and Boiler Room	8 lf	PD-13	Low	ND	0	O&M		N
755	H-27	A	Roofing, Tar And Gravel	Roof	27010 sf	PD-7	Non	ND	0	O&M		N
755	H-28	A	Fire Door	See Attached Sheets	2520 sf	PD-7	Non	ND	0	O&M		N
755	H-31	A	Firebrick And Mortar	Room 208, 312, 401, Boiler Room Roof	1056 sf	PD-11	Low	ND	0	O&M	There were 120 fire doors.	N
755	H-33	Y	TSI, 12" Fitting	Boiler Room	14 lf	PD-13	Low	ND	0	O&M		N
755	H-34	Y	TSI, 3" Diameter x 4' Long Tank "A"	Boiler Room	56 sf	PD-13	Low	ND	0	O&M		N

PARCEL NO: 01-M BRAC Property Class: 1 North Light Industry - Training Facility and North Gate

Asbestos Survey Summary

Building	Homo Area	ACMI	Description	Location	Qty	Rating	Fri-able	Con-dition	% Dam-age	Recommended Action	Comments	Status
755	H-35	Y	TSI, Boiler 1 And Boiler 2 Tank	Boiler Room	618 sf	PD-13	Low	ND	0	O&M		N
755	H-36	Y	TSI, 3'x2'x17' Long Vent Duct	Boiler Room	170 sf	PD-13	Low	ND	0	O&M		N
755	H-37	A	Grout, Brown 6" Ceramic Tile	Room 105, 105B, 113, 207A, 207B, 207C, 305A, 305B, 305C	340 sf	PD-5	Non	ND	0	O&M		N
959	H-2	A	Floor Tile, 12" Tan	Room 101	9 sf	SD-9	Non	SD	25	O&M	Floor tile was missing, broken and loose.	N
959	H-3	A	Roofing, Cedar Shake Over Tar Paper	Roof	80 sf	PD-5	Non	ND	0	O&M		N
959A	H-1	A	Floor Tile, 12" Tan	Room 101	10 sf	PD-5	Non	ND	0	O&M		N
959A	H-3	A	Roofing, Tar Paper	Roof	80 sf	D-7	Non	D	2	O&M	Pieces of tar paper ripped off in southwest corner.	N

Legend: ACM: Y = Yes by sample, N = None by sample, A = Yes by visual inspection Condition: SD = Significantly Damaged, D = Damaged, PD = Potential for Damage, ND = No Damage Qty: SF = Square Feet, LF = Linear Feet Recommended Action: OM = Operation Maintenance Status: R = Remediation Required, C = Remediation Completed, N = No Work, Sat

Backflow Prevention and Cross-Connection Survey

Building	Location	Potential Hazard or Comment	Corrective Action or Comment	Degree of Hazard
959A		No water service.		
959		No water service.		
755	Building supply line(s)	4 story building.	Premise isolation required. Install DCVA on service connection.	Low
755	1st Flr, Boiler Rm	Makeup water for building heating boiler.	Install RPBA.	High
673		No deficiencies found.		

Note: The Backflow Prevention and Cross-Connection Survey Report information is a listing of what buildings or locations have Backflow Preventors in the drinking water system throughout Mare Island. The report also lists any potential hazards or comments concerning potential hazards and the correcting actions or comments. Also listed is the degree of hazard for each preventor. For further information see the actual Backflow Prevention and Cross-Connection Survey Report.

Building Closure File Information

Building	Check List No.	Def Item No.	Concern Code	Description of Problem	Correction Comment	Prob Corrected	Date of Correction
589	31	14	10	Hazardous Waste Accumulation Area	Removed.		8/12/97
589		102	10	Hazardous Waste Accumulation Area	Removed.		4/21/97
589	7	9	6	PCB Survey	Survey completed		5/19/98
589			30	Asbestos survey	Survey completed		10/3/95

PARCEL NO: 01-M BRAC Property Class: 1 North Light Industry - Training Facility and North Gate

Building Closure File Information

Building	Check List No.	Def Item No.	Concern Code	Description of Problem	Correction Comment	Prob Corrected	Date of Correction
673	7	15	41	Unsupported receptacle.	Fixed	Yes	4/14/95
673	6b(2)	1	6	Oil stains. PCB survey required.	Survey completed	Yes	4/24/96
673	6b(2)	4	6	Unknown stains on floor. Also Item 7.	Dry and fixed. No release to environment.	NA	
673	6b(2)	14	6	Oil stains on bench. PCB survey required.	Survey completed	Yes	4/24/96
673	7	16	6	Abandoned 1-qt oil cans.	Removed	Yes	4/25/95
673	7	5	21	Plastic containers labeled poison.	Removed	Yes	4/25/95
673	3i		22	Stored hazardous material in the past.	None present now.	NA	
673	7	2	28	Fluorescent tube missing.	Info only	NA	
673	5a		30	Asbestos survey required. Also Item 7.	No damaged or friable asbestos found.	Yes	4/20/95
673	7	3	32	Hot water heater.	Info only	NA	
673	4j	10	41	Open connection box. Also Item 7.	No problem, taped.	NA	
673	4j	12	41	Electrical meter cover missing. Also Item 7.	Plywood cover installed per TWD.	Yes	5/8/95
673	7	6	99	Debris	Info only	NA	
673	7	8	99	Trash bin.	Info only	NA	
673	7	9	99	Walkin refrigerators.	Info only	NA	
673	7	11	99	Vegetation around building.	No action required. C/300CC responsibility.	NA	
673	7	13	99	Broken window pane.	Not an issue.	NA	
673	7	7	41	Cable not in conduit.	Info only	NA	
755	8a		30	Asbestos survey	Cleaned	YES	4/27/95
755			29	Lead Paint Survey	Cleaned	YES	6/24/98
959	8a		30	Asbestos survey	Survey completed	Yes	4/1/96
959	8a		30	Asbestos survey	Survey completed	Yes	4/1/96
959A	8a		30	Asbestos survey	Survey completed	Yes	8/29/96
959A	8a		30	Asbestos survey	Survey completed	Yes	8/29/96
AA7	7	1	99	Excessive vegetation.	Info only	NA	
AA8	7	1	99	Excessive vegetation.	Info only	NA	
AA8	4.e	2	99	Abandoned unsecured trailer. Also Item 7.	Removed.	Yes	9/10/95

Parcel Closure File Information

Check List No.	Def Item No.	Concern Code	Description of Problem	Correction Comment	Prob Corrected	Date of Correction
8	2,3	6	Transformer & switches, no leaks	Info only	NA	

MARE ISLAND ENVIRONMENTAL REPORT

Printed: 10/25/00

PARCEL NO: 01-M **BRAC Property Class: 1** **North Light Industry - Training Facility and North Gate**

Parcel Closure File Information

Check List No.	Def Item No.	Concern Code	Description of Problem	Correction Comment	Prob Corrected	Date of Correction
15	5	99	Bldg 755 occupied	Info only	NA	
15	4	99	Trash	Info only	NA	
1	1	99	Building 959A not on parcel bidg list	PWC building	Yes	11/17/95

MARE ISLAND ENVIRONMENTAL REPORT

Printed: 10/25/00

PARCEL NO: 01-N

BRAC Property Class: 6

North Light Industry - Fire Station and Unused Land Area

Parcel Usage

Planned Use North Light Industry

Current Uses: Fire Station and unused land.

Former Uses: Wetlands filled during WWII; approach to building ways 5-8 for cranes and buildings 575 and 581.

Topography/Geology/Soil/Water/Ecological

Flat, level grassland over landfill plus North Fire Station. Bay mud (Qbm)/Made land (Engineered fill)(Ma).

Estimated Area: 28.3264 Acres **Elevation:** 10 ft

Ground Water: Possible ground water contamination from IR03, IR07 and IR20 to south and Parcel 01-K. **Archeological:** None

Water Level: 8 ft. **Water Flow Direction:** North **Ecological:** None

Environmental Summary

Adjacent Parcels: 7
 Buildings/Sites: 2
 Utilities by Parcels: 7
 IR Sites: 0
 Radon Survey: 1
 Closed Buildings: 2

No. of PA/SIParcels: 2
 Tanks/OWSs: 0
 PCB Contaminated Equipm: 1
 Ordnance Locations: 0
 Asbestos Sites: 17
 Closed Building Items: 17

Radiological Surveys: 0
 Number of Spills: 1
 Haz Waste Accumulation Sites: 0
 Haz Waste Storage Sites: 0
 Backflow Prevention Items: 3

Haz Waste Treatment Facilities: 0
 Historical Resources: 2
 Lead Paint Survey: 0
 Number of Parcel Closure Items: 19

Rationale for Initially Assigning BRAC Property Class - 7

HazMat formerly stored at building 641. Concern for incomplete groundwater information.

Rationale for Revising BRAC Property Class

Area has been evaluated.

Adjacent Parcel Information

Direction	Adjacent Parcel No.	Prop Class	COMMENT
East	17-E	6	Parcels are separated by unpaved road.
North	01-O	2-5	Parcels are separated by "K" Street and a fence.

PARCEL NO: 01-N BRAC Property Class: 6 North Light Industry - Fire Station and Unused Land Area

Adjacent Parcel Information

Direction	Adjacent Parcel No.	Prop Class	COMMENT
South	03-I	6	Parcels are separated by "G" Street.
South	03-L1	6	Parcels are separated by "G" Street.
West	01-K	3	Parcels are separated by Railroad Ave.
West	01-L1	6	Parcels are separated by Railroad Ave.
West	01-L2	6	Parcels are separated by Railroad Ave.

Building/Site Descriptive Data

Building	Map Quad	Type *	Name	Hist. Distr.	Remarks	Year Built	Year Demo	Total SqFt	Bldg Resp	Building Closure Date
641	I-1	P	North Fire Station			1941		5,284	SY	
708	D-3	D	Barracks						SY	
VAULT	I-1	D	Vault				UNK		SY	

Building/Site Environmental Data Summary

Building	IR Sites	PA_Si Sites	HMS (#)	HW AS (Op)	HW AS (Cl)	HW TS	Haz Vis-ual	PCB (Rm)	PCB (IP)	Ord (NR)	Spills	ASB (Tot)	ASB (Rd)	UST (Rm)	UST (IP)	AST (Rm)	AST (IP)	OWS (Rm)	OWS (IP)	Lead Paint	NNPP GRAM	Ra-don Srvy	
641							7		2		1	17	17										Y
708																							
VAULT																							

Note: (#) = no. of sites/locations/spills/etc.; (Op) = # open; (Cl) = # closed; (Rm) = # removed; (IP) = # in place and/or suspect; (Tot) - Total # of potential Asbestos sites; (Rd) - # Remediations required of Damaged and Friable asbestos sites; (NR) = Not Released for ordinance

Building/Site Uses/Concerns/BRAC Class Rationale

Building	Current Uses	Former Uses	Remark	Concern/BRAC Rationale
VAULT				
708			Location: N of 491	
641			Location: Near bldg 964 (Sargo ave)	
			Location: East of Railroad Ave., north of the Causeway	

Utilities Summary

Identified Utilities	Description	PA/SI No.	IRP No.
COMPRESSED AIR			

PARCEL NO: 01-N BRAC Property Class: 6 North Light Industry - Fire Station and Unused Land Area

Utilities Summary

Identified Utilities	Description	PA/SI No.	IRP No.
ELECTRICAL			
FRESH WATER			
NATURAL GAS	4" ALONG WEST SIDE OF "G" ST.		
SANITARY SEWER	6" VCP FROM BLDG 641 TO 21" RCP		SWMU-106
STORM SEWER	DRAINAGE OFF CONCRETE FOUNDATION AND PAVEMENT COLLECTED AND CARRIED TO NAPA RIVER		SWMU-093
TRANSFORMERS	A list of all transformers is available on a separate utility report. Transformers with PCBs are listed on parcel, SEBS, and BCT reports in the PCB Contaminated Equipment table.		

Preliminary Assessment / Site Inspection Sites

PA/SI No.	CTO No.	Description
SWMU-106		SANITARY SEWER SYSTEM
SWMU-093		STORM SEWER SYSTEM

PCB Contaminated Equipment

Building	Equipment Type	Equipment No.	Relative Location	PCB		Volume (gal.)	Status	Leaker
				Code	Level			
641	Transformer	T-0715	Railroad Av; Fire Station	=	19	20	Active	N
641	Transformer	T-0710	Railroad Av; Fire Station	=	3	20	Active	N

PCB Code: "<" - PCB level is less than (usually 1); "=" - PCB level has been verified by sampling; ">" - PCB level is greater than (usually 500);
 "?" - PCB level is not verified (usually refers to zero level); "R" - PCB level indicated before Removal/Replacement/Refilling of original unit

Note: Transformers, Circuit Breakers, and Rocker Arms only.

Spill History

Building	HWCN	Relative Direction	Relative Location	Substance	Quantity	Date	Released To	Comments
641	0259-92	E	BAY PACIFIC AREA	Oil	unk	5/21/92	Concrete	

Radon Survey / Assessment Summary

Building	RSS Reading	RSS Detector	RAS Test Results	RAS No. of Detectors	Notes
641			0.1/0.1	2	

Asbestos Survey Summary

Building	Homo Area	ACM	Description	Location	City	Rating	Fri-able	Con-dition	% Dam- age	Recommended Action	Comments	Status

PARCEL NO: 01-N

BRAC Property Class: 6

North Light Industry - Fire Station and Unused Land Area

Asbestos Survey Summary

Building	Homo Area	ACM	Description	Location	Qty	Rating	Fri-able	Condi-tion	% Dam- age	Recommended Action	Comments	Status
641	H-1	Y	TSI, 4.5" Pipe	Room 102, 107, and Crawl Space Above Room 101, 104, 106	201 lf	D-16	Mod	D	8	Remove/Repair/O &M	TSI had exposed ends, tears, cuts, and holes. TSI debris in the crawl space above Rooms 101, 104, 106 must be removed.	C
641	H-2	Y	TSI, 4.5" Fitting	Room 102, 107, and Crawl Space Above Room 101, 104, 106	55 lf	D-16	Mod	D	5	Remove/Repair/O &M	TSI had exposed ends, tears, cuts, and holes. TSI debris in the crawl space above Rooms 101, 104, 106 must be removed.	C
641	H-3	Y	TSI, 3" Pipe	Room 101, 102, 107, and Crawl Space Above Room 101 and 104	115 lf	D-16	Mod	D	2	Remove/Repair/O &M	TSI had exposed ends, tears, cuts, and holes. TSI debris in the crawl space above Rooms 101 and 104 must be removed.	C
641	H-4	Y	TSI, 3" Fitting	Room 102, 107, and Crawl Space Above Room 101 and 104	62 lf	D-18	Mod	D	2	Remove/Repair/O &M	TSI had exposed ends, tears, cuts, and holes. TSI debris in the crawl space above Rooms 101 and 104 must be removed.	C
641	H-5	Y	TSI, 4" Pipe	Room 102	64 lf	D-15	Low	D	1	Repair/O&M	TSI was exposed in Room 102.	C
641	H-6	Y	TSI, 4" Fitting	Room 102	16 lf	D-16	Low	D	1	Repair/O&M	TSI was exposed in Room 102.	C
641	H-9	A	Coving Mastic, 4" Brown	Room 101, 104, 201, 202, 203, 204, 205, 206, 207, 208, 209, 210, 211, 212, 213 Thru 216, 201A, 206A	294 sf	PD-5	Non	ND	0	O&M		N
641	H-11	A	Floor Tile, 9" Brown, White, Orange	Room 101A, 105, 106, 202A, 203A	94 sf	PD-5	Non	ND	0	O&M		N
641	H-12	A	Floor Tile, 12" Tan, White, Orange	Room 107 Two Work Benches, and 206	132 sf	PD-5	Non	ND	0	O&M		N
641	H-13	A	Floor Tile, 12" Brown, White, Orange	Room 206, 206A, 208	494 sf	PD-5	Non	ND	0	O&M		N
641	H-14	A	Grout, Yellow 3" Ceramic Tile	Room 206	22 sf	PD-5	Non	ND	0	O&M		N
641	H-15	A	Grout, Brown 3" Ceramic Tile	Room 206	2 sf	PD-5	Non	ND	0	O&M		N
641	H-16	A	Grout, White 3" Ceramic Tile	Room 206	136 sf	PD-5	Non	ND	0	O&M		N
641	H-17	Y	Undercoating, Sink	Room 208	5 sf	PD-5	Non	ND	0	O&M		N
641	H-18	A	Firebrick	Room 107 Furnance Interior	14 sf	PD-5	Non	ND	0	O&M		N
641	H-19	A	Grout, White 1" Ceramic Tile	Room 206	18 sf	PD-5	Non	ND	0	O&M		N
641	H-20	A	Roofing, Tar And Gravel	Roof Over Majority of Building	2842 sf	PD-5	Non	ND	0	O&M	Roof over work area on northeast exterior and room 103 was corrugated sheetmetal.	N

PARCEL NO: 01-N BRAC Property Class: 6 North Light Industry - Fire Station and Unused Land Area

Asbestos Survey Summary

Building	Homo Area	ACM	Description	Location	Qty	Rating	Fri-able	Con-dition	% Dam-age	Recommended Action	Comments	Status
Legend: ACM: Y = Yes by sample, N = None by sample, A = Yes by visual inspection Condition: SD = Significantly Damaged, D = Damaged, PD = Potential for Damage, ND = No Damage Qty: SF = Square Feet, LF = Linear Feet Recommended Action: OM = Operation Maintenance Status: R = Remediation Required, C = Remediation Completed, N = No Work, Sat. as it.												

Backflow Prevention and Cross-Connection Survey

Building	Location	Potential Hazard or Comment	Corrective Action or Comment	Degree of Hazard
641	Outside, S	PVB installed for protecting water to irrigation system.	Inadequate protection. Install DCVA.	Low
641	Boiler Rm	Makeup water for building heating boiler.	Install RPBA.	High

Note: The Backflow Prevention and Cross-Connection Survey Report information is a listing of what buildings or locations have Backflow Preventors in the drinking water system throughout Mare Island. The report also lists any potential hazards or comments concerning potential hazards and the correcting actions or comments. Also listed is the degree of hazard for each preventor. For further information see the actual Backflow Prevention and Cross-Connection Survey Report.

Building Closure File Information

Building	Check List No.	Def Item No.	Concern Code	Description of Problem	Correction Comment	Prob Corrected	Date of Correction
641	7	10	99	Lockers	Info only	NA	
641	7	9	99	Substation	Info only	NA	
641	7	8	31	Washing machine	Info only	NA	
641	7	7	99	Cabinets	Info only	NA	
641	7	6	31	Generator	Info only	NA	
641	7	5	7	Powder	Removed	Yes	11/7/95
641	7	4	31	Gym equipment	Info only	NA	
641	7	3	99	Furniture	Info only	NA	
641	7	2	31	Hose racks, fire hose	Info only	NA	
641	7	1	6	Oil stains	Resolved	Yes	12/5/95
641	5a		30	Asbestos survey required	Complete	Yes	12/5/95
641	4i		7	Spill history	Info only	NA	
641	3i		21	HAZMAT storage	None now present	Yes	12/5/95

Parcel Closure File Information

MARE ISLAND ENVIRONMENTAL REPORT

Printed: 10/25/00

PARCEL NO: 01-N BRAC Property Class: 6 North Light Industry - Fire Station and Unused Land Area

Check List No.	Def Item No.	Concern Code	Description of Problem	Correction Comment	Prob Corrected	Date of Correction
15	3	21	Empty HAZMAT storage locker	Info only	NA	
13	2	99	Pile of dirt	Info only	NA	
15	10	28	Rebar protruding from ground	Cleared	Yes	1/5/96
15	11	3	Open flange, possible UST	Water drain, no action required	Yes	10/17/95
15	12	28	Broken pipe in deep hole	Cleared	Yes	1/5/96
15	13	7	Liquid filled vault	Addressed & resolved	Yes	11/27/95
15	14	28	Uncovered manhole	Cleared	Yes	1/5/96
15	15	31	Boat	Info only	NA	
13	1	99	Pile of broken concrete	Info only	NA	
15	17	41	Uncovered irrigation wires	Addressed & resolved	Yes	11/27/95
9		21	HAZMAT storage	None now present	Yes	11/27/95
15	4	36	Vault	Info only	NA	
15	5	41	Broken electrical box	Cleared	Yes	1/5/96
15	6	6	Oil stain	Cleared	Yes	4/25/96
15	7	28	Two open PVC pipes protruding from ground	Conduit, no action required	Yes	10/17/95
15	8	28	Uncovered utility vault	Addressed & resolved	Yes	11/27/95
15	9	99	Exposed railroad ties	Removed	Yes	11/16/95
2		1	IR sites adjacent	Info only	NA	
15	16	99	Plastic tarp	Info only	NA	

MARE ISLAND ENVIRONMENTAL REPORT

Printed: 10/25/00

PARCEL NO: 01-0 **BRAC Property Class: 2-5**

North Light Industry - Bldg 655

Parcel Usage

Planned Use North Light Industry
Current Uses: DRMO Storage Warehouse
Former Uses: Wetlands, filled, warehouse

Topography/Geology/Soil/Water/Ecological

Flat, level, paved, with grass and trees in picnic area and ball fields. Bay mud (Qbm)/Made land (Engineered fill)(Ma).

Estimated Area: 22.6981 Acres **Elevation:** 10 ft

Ground Water: No contamination identified.

Archeological: None

Water Level: 8 ft. **Water Flow Direction:** North

Ecological: None

Environmental Summary

Adjacent Parcels:	7	No. of PA/SIParcels:	3	Radiological Surveys:	1	Haz Waste Treatment Facilities:	0
Buildings/Sites:	6	Tanks/OWSs:	2	Number of Spills:	2	Historical Resources:	6
Utilities by Parcels:	8	PCB Contaminated Equipm:	0	Haz Waste Accumulation Sites:	0	Lead Paint Survey:	0
IR Sites:	0	Ordnance Locations:	0	Haz Waste Storage Sites:	0	Number of Parcel Closure Items:	11
Radon Survey:	2	Asbestos Sites:	22	Backflow Prevention Items:	6		
Closed Buildings:	6	Closed Building Items:	48				

Rationale for Initially Assigning BRAC Property Class - 7

Building 655: G-RAM; unresolved UST (existence recorded but tank not found). Building: 1325: Unresolved spill. Concern for incomplete groundwater information.

Rationale for Revising BRAC Property Class

Area has been evaluated. G-RAM issues have been resolved. Both USTs were not found. The spill was resolved when Building 1325 was closed. Groundwater samples indicate that no contamination was expected to affect the parcel.

Adjacent Parcel Information

Direction	Adjacent Parcel No.	Prop Class	COMMENT
East	17-E	6	Parcels are separated by a fence.

PARCEL NO: 01-0 BRAC Property Class: 2-5 North Light Industry - Bldg 655

Adjacent Parcel Information

Direction	Adjacent Parcel No.	Prop Class	COMMENT
North	01-P	1	Parcels are separated by a parking area, grass area, and fence.
North	01-Q1	1	Parcels are separated by a parking area, grass area, and fence.
South	01-N	6	Parcels are separated by "K" Street and a fence.
West	01-L2	6	Parcels are separated by Railroad Ave.
West	01-L3	1	Parcels are separated by Railroad Ave.
West	01-M	1	Parcels are separated by Railroad Ave.

Building/Site Descriptive Data

Building	Map Quad	Type *	Name	Hist. Distr.	Remarks	Year Built	Year Demo	Total SqFt	Bldg Resp	Building Closure Date
655	K-1	P	Warehouse - DRMO			1942		302,820	SY	1/25/96
721	K-1	D	Anti-Aircraft Training Center				UNK		SY	
805	K-1	N	Transformer Station			1942		120	SY	
1325	K-1	P	Restrooms			1985		275	SY	9/28/95
AA11	K-1	N	Picnic Grounds and Ball Field- North Gate			1962			SY	11/2/95
M156	K-1	N	Ballfields - North Gate			1970			SY	8/10/95
T655	K-1	M	DRMO Admin Trailer, Adjacent To Bldg 655			1974		1,440	SY	5/15/97

Building/Site Environmental Data Summary

Building	IR Sites	PA_SI Sites	HMS (#)	HW AS (Op)	HW AS (Cl)	HW TS	Haz Visual	PCB (Rm)	PCB (IP)	PCB Ord (NR)	Spills	ASB (Tot)	ASB (Rd)	UST (Rm)	UST (IP)	AST (Rm)	AST (IP)	OWS (Rm)	OWS (IP)	Lead Paint	MNPP	GRAM	Ra-don	
655		SWMU-124/					8	2	2		2	17											G	Y
721							1																	
805																								
1325												5	5											
AA11																								
M156							1																	
T655																								Y

Note: (#) = no. of sites/locations/spills/etc.; (Op) = # open; (Cl) = # closed; (Rm) = # removed; (IP) = # in place and/or suspect; (Tot) - Total # of potential Asbestos sites; (Rd) - # Remediations required of Damaged and Friable asbestos sites; (NR) = Not Released for ordinance

Building/Site Uses/Concerns/BRAC Class Rationale

PARCEL NO: 01-0 **BRAC Property Class: 2-5** **North Light Industry - Bldg 655**

Building	Current Uses	Former Uses	Remark	Concern/BRAC Rationale
T655	Administrative functions			
M156				
AA11				
805			Location: East of Railroad Ave. at "M" St., in front of Bldg 655	
721			Location: East of Bldg. 755	
655			Location: East of Railroad Ave., north of "L" Street	
1325			Location: East of Railroad Ave., south of "Q" St., southernmost bldg. along west fence of Baseball Fields	

Utilities Summary

Identified Utilities	Description	PA/SI No.	IRP No.
COMPRESSED AIR			
ELECTRICAL			
FRESH WATER			
NATURAL GAS	3" AND/OR 4" LINE ALONG EAST SIDE OF RAILROAD AVE. 1" POLY LINE TO NORTH END OF WEST SIDE OF BLDG 655 FROM 4" ALONG EAST SIDE OF RAILROAD AVE. 4" STEEL GAS MAIN TO SOUTH SIDE OF BLDG 655 FROM 3" ALONG EAST SIDE OF RAILROAD AVE.		
SALT WATER			
SANITARY SEWER	(2) 4" C.I. AND 4" VCP FROM BLDG 655 TO 8" ACCMP TO 21" RCP EAST ALONG RAILROAD AVE.		SWMU-106
STORM SEWER			SWMU-093
TRANSFORMERS	A list of all transformers is available on a separate utility report. Transformers with PCBs are listed on parcel, SEBS, and BCT reports in the PCB Contaminated Equipment table.		

Preliminary Assessment / Site Inspection Sites

PA/SI No.	CTO No.	Description
SWMU-124		AREAS OF POTENTIAL RADIUM RELEASE
SWMU-106		SANITARY SEWER SYSTEM
SWMU-093		STORM SEWER SYSTEM

Tanks and OWS Summary

Building	Type	Tank No.	Location	Physical Status	Clsd	Contents	Remarks	Removed	Volume (gal)	Construction
655	UST			Not Located	No		REC SRCH & GPR POS, SOFT DIG NEG, No UST found. This is the same item as 0655-1.		2000	
655	UST	1		Not Located	No		REC SRCH NEG, Field search POS, suspect fill pipe & two valves, Soft dig neg, No UST found. This is the same item as 0655.			

PARCEL NO: 01-0 BRAC Property Class: 2-5 North Light Industry - Bldg 655

PCB Contaminated Equipment

Note: Transformers, Circuit Breakers, and Rocker Arms only.

Building	Equipment Type	Equipment No.	Relative Location	PCB Code	PCB Level	Volume (gal.)	Status	Leaker
655	Transformer	T-0439	Railroad Av; Outside	R	2	72	Removed	Y
655	Transformer	T-0438	Railroad Av; Outside	R	2	72	Removed	Y

PCB Code: "<" - PCB level is less than (usually 1); "=" - PCB level has been verified by sampling; ">" - PCB level is greater than (usually 500); "?" - PCB level is not verified (usually refers to zero level); "R" - PCB level indicated before Removal/Replacement/Refilling of original unit

NNPP and G-RAM Survey Locations

Building	NNPN	G-RAM	NNPP Remarks	G-RAM Remarks	Navy Released?	Agency Concurred?
655		G		Bldg and yard.	Yes	Yes

Facilities/areas designated as "N" or "G" required radiological surveys, based on their history of use, to document the absence of radioactivity. Facilities/areas designated as "(N)" or "(G)" have no history of radiological usage, but are being surveyed as an added measure of protection.

Spill History

Building	HWCN	Direction	Relative Location	Substance	Quantity	Date	Released To	Comments
655	0242-92	S		Oil	1gal	5/8/92	Soil	
655		E	Dumpster D-40-17	Transmission Fluid	2gal	4/24/95	Dumpster, soil	Unknown personnel dumped 4 each 1/2 gallon milk carton full of transmission fluid into dumpster D-40-17. Fluid leaked on to soil. (No leakage into storm drain.)

Radon Survey / Assessment Summary

Building	RSS Reading	RSS Detector	RAS Test Results	RAS No. of Detectors	Notes
655			0.4/0.1	15	
T655			0.1/0.1	1	

Asbestos Survey Summary

Building	Homo Area	ACM	Description	Location	Qty	Rating	Fri-able	Condi-tion	% Dam- age	Recommended Action	Comments	Status
655	H-1	A	Floor Tile, 12" White	(655T Removed) Room 100, 101, 102	1400 sf	PD-3	Non	ND	0	O&M	Floor tile was beneath carpeting.	N
655	H-4	Y	Sheetrock, Non-Textured A	Room 100	1290 sf	SD-25	Mod	SD	80	Remove/Repair/O&M	Sheetrock was crushed, hanging off wall, had water damage and was beyond repair.	C
655	H-5	Y	Tar Sealant	(655T Removed) Roof	40 sf	PD-3	Non	ND	0	O&M		N
655	H-9	A	Coving Mastic, 4" Brown	Room 102	9 sf	PD-6	Non	ND	0	O&M		N

PARCEL NO: 01-0

BRAC Property Class: 2-5

North Light Industry - Bldg 655

Asbestos Survey Summary

Building	Homo Area	ACM	Description	Location	Qty	Rating	Fri-able	Condi-tion	% Dam- age	Recommended Action	Comments	Status
655	H-10	A	Coving Mastic, 4" Green	Room 107	22 sf	PD-6	Non	ND	0	O&M		N
655	H-11	A	Coving Mastic, 4" Black	Room 109	66 sf	D-9	Non	D	1	O&M	Mastic was exposed.	N
655	H-12	A	Floor Tile, 12" White And Grey	Room 102	78 sf	PD-6	Non	ND	0	O&M		N
655	H-13	A	Floor Tile, 12" White And Gold	Room 102	96 sf	PD-6	Non	ND	0	O&M		N
655	H-14	A	Floor Tile, 12" Grey	Room 103	256 sf	D-9	Non	D	1	O&M	Floor tile was broken and gouged.	N
655	H-15	A	Floor Tile, 12" Beige	Room 107	100 sf	D-9	Non	D	1	O&M	Floor tile was broken and cracked.	N
655	H-16	A	Floor Tile, 12" Tan	Room 109	1444 sf	PD-6	Non	ND	0	O&M		N
655	H-17	A	Floor Tile, 9" Red And White	Room 107	5 sf	D-9	Non	D	10	O&M	Floor tile was cracked.	N
655	H-18	A	Floor Tile, 9" White And Gold	Room 107	177 sf	D-9	Non	D	1	O&M	Floor tile was cracked.	N
655	H-19	A	Floor Tile, 9" Green	Room 108	20 sf	D-9	Non	D	1	O&M	Floor tile was broken.	N
655	H-20	A	Floor Tile, 9" Tan	Room 108	220 sf	D-9	Non	D	1	O&M	Floor tile was cracked and broken.	N
655	H-21	A	Fire Door	Room 100	720 sf	PD-6	Non	ND	0	O&M	There were two sets of double fire doors.	N
655	H-22	A	Roofing, Tar And Gravel	Roof	332761 sf	D-10	Non	D	5	O&M	The roof leaks in several locations.	N
AA11	H-1	A	Mortar, Tan Brick	Areas D-1 Thru D-6, and B-1	2000 sf	PD-3	Non	ND	0	O&M		N
AA11	H-2	A	Cinder Block And Mortar	Area B-1	160 sf	PD-3	Non	ND	0	O&M		N
AA11	H-3	A	Firebrick And Mortar	Area B-1	40 sf	PD-3	Non	ND	0	O&M		N
AA11	H-4	A	Roofing, Tar And Gravel	Areas D-1 Thru D-6	720 sf	PD-3	Non	ND	0	O&M		N
AA11	H-5	A	Roofing, Composition Shingle	Roof	1150 sf	PD-3	Non	ND	0	O&M		N

Legend: ACM: Y = Yes by sample, N = None by sample, A = Yes by visual inspection Condition: SD = Significantly Damaged, D = Damaged, PD = Potential for Damage, ND = No Damage
 Qty: SF = Square Feet, LF = Linear Feet Recommended Action: OM = Operation Maintenance Status: R = Remediation Required, C = Remediation Completed, N = No Work, Sat.

Backflow Prevention and Cross-Connection Survey

Building	Location	Potential Hazard or Comment	Corrective Action or Comment	Degree of Hazard
M156	North gate ballfield	No deficiencies found.		
AA11	N Gate picnic grounds	No deficiencies found.		
655	655T	No water service.		
655	Outside, NE	RPBA for ball field installed at or below ground level.	Relocate RPBA per UPC requirements.	Low
655	Inside	No deficiencies found.		
1325		No deficiencies found.		

PARCEL NO: 01-O

BRAC Property Class: 2-5

North Light Industry - Bldg 655

Backflow Prevention and Cross-Connection Survey

Building	Location	Potential Hazard or Comment	Corrective Action or Comment	Degree of Hazard
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Note: The Backflow Prevention and Cross-Connection Survey Report information is a listing of what buildings or locations have Backflow Preventors in the drinking water system throughout Mare Island. The report also lists any potential hazards or comments concerning potential hazards and the correcting actions or comments. Also listed is the degree of hazard for each preventor. For further information see the actual Backflow Prevention and Cross-Connection Survey Report.

Building Closure File Information

Building	Check List No.	Def Item No.	Concern Code	Description of Problem	Correction Comment	Prob Corrected	Date of Correction
655	4i		22	Flammable Storage Locker #00593	Info only	NA	
655	4g	13	39	Broken Corrugated Plastic Cover for Skylight is falling	Repaired	Yes	10/4/95
655	1		37	Tunnel for Electrical Vault (East Side)	Info only	NA	
655	1		37	3' x 5' Ground Sloped Around Building	Info only	NA	
655	4i		34	Signs Indicating HAZMAT are Present	No HAZMAT now Present	Yes	10/4/95
655	N/A		31	Crane #1930 (To stay on Yard)	PCBs > Limit. Needs Deconn.	Yes	
655	7	5	30	8' by 8" Tiles (Possibly Asbestos)	Remediation Completed	Yes	10/4/95
655	7	4	30	Asbestos Area (Roped off)	Remediation Completed - Bldg. is released	Yes	10/4/95
655	5a		30	Asbestos Survey Required	Survey Completed - Bldg. is released	Yes	10/4/95
655	7	7	41	Exposed Elect. Wires	Cover Installed	Yes	10/4/95
655	7	6	28	Broken Floor Tiles	Addressed and Resolved	Yes	10/4/95
655	7	3	40	Debris	Removed	Yes	10/4/95
655	7	9	7	Unknown Powder on Floor	Swept up and Disposed of a HAZWASTE	Yes	8/2/95
655	7	2	7	Unknown Stain on Carpet	Dry and Fixed - No Action required	Yes	8/2/95
655	3i		7	Matrix Indicates HAZMAT Spill History	Info only	NA	
655	3h		7	Class 1 Spill of 1 gal Oil on 5-8-92 HWCN: 0242-92	Info only	NA	
655	N/A		6	PCB Survey of Machinery	Machinery < Limit Except for Crane	Yes	9/5/95
655	7	1	6	Unknown Oily Stain on Floor	Oil from Vehicle Traffic	Yes	8/2/95
655	N/A		5	Radiological Surveys for G-Ram	Surveys Completed - No G-Ram Found	Yes	5/10/95
655	3e		3	Matrix Indicates U.S.T.	Not Located	Yes	10/4/95
655	3a		2	PASJ Site	Info only	NA	
655	7	17	28	Dead Snake - 2' Long	Removed	Yes	10/4/95
655	7	15	43	Concrete Platform is Sagging	Info only	NA	
655	1		37	Metal Elec. Locker (West Side)	Info only	NA	
655	7	8	41	Elec. Junction Box Open (Unfinished)	Installed Cover	Yes	10/4/95

PARCEL NO: 01-O

BRAC Property Class: 2-5

North Light Industry - Bldg 655

Building Closure File Information

Building	Check List No.	Def Item No.	Concern Code	Description of Problem	Correction Comment	Prob Corrected	Date of Correction
655	7	16	43	Door is Sagging	Info only	NA	
655	7	14	43	Broken Wooden Brace	Info only	NA	
655	7	12	43	Broken Sheet Cover for Skylight	Removed	Yes	10/4/95
655	7	11	43	Broken Skylight Window	Repaired	Yes	10/4/95
655	7	10	43	Broken Window	Repaired	Yes	10/4/95
655	N/A		99	Owls are Living in Building	Info only	NA	
805	8A		30	Asbestos survey	Survey completed	YES	10/3/95
805		1	6	PCB Survey	Survey completed	YES	7/25/96
1325	7	1	29	Chipping paint.	Removed	Yes	9/6/95
1325	7	3	99	Urinal plugged.	Unclogged. Water secured. Building secured.	Yes	9/15/95
1325	7	2	99	Debrns.	Info only	NA	
1325	5.a		30	Asbestos Survey required. Also Item 7.	No damaged or friable found.	Yes	9/7/95
AA11	7		28	Skunk carcass	Removed	Yes	10/18/95
AA11	7		40	Wood debris in horseshoe pit	Removed	Yes	10/18/95
AA11	7		31	Pipes on south fence	Removed	Yes	10/18/95
AA11	7		28	Hole at south entrance	Filled hole	Yes	10/18/95
AA11	7		31	Studs north of swings	Removed	Yes	10/18/95
M156	7	5	3	UST located 12' outside northeast corner.			
M156	7	2	6	Transformers (3 each).	Info only.	NA	
M156	1		37	Transformers and Pumphouse (SPS #4) outside northeast corner.	Info only.	NA	
M156	7	1	99	Broken fence.	Fixed as needed.	Yes	7/17/95
M156	7	3	99	Portable bleachers (nine each).	Info only.	NA	
M156	7	4	99	Excess grass and vegetation around fence and under bleachers.	Info only.	NA	
T655			0	No items found.	Info only.	NA	5/15/97

Parcel Closure File Information

Check List No.	Def Item No.	Concern Code	Description of Problem	Correction Comment	Prob Corrected	Date of Correction
8	6	6	Transformer T-1953	Info only	NA	
6		3	UST @ Bldg 6555, not located	No UST exits, no action required	Yes	10/4/95
2		99	Incomplete groundwater info	Info only	NA	
15	5	7	Open 5 gal trash can w/ oil	Removed	Yes	5/8/95

MARE ISLAND ENVIRONMENTAL REPORT

Printed: 10/25/00

PARCEL NO: 01-0 BRAC Property Class: 2-5 North Light Industry - Bldg 655

Parcel Closure File Information

Check List No.	Def Item No.	Concern Code	Description of Problem	Correction Comment	Prob Corrected	Date of Correction
15	4	28	Open storm sewer manhole	Has aluminum grate	Yes	5/4/95
15	3	36	Underground vault, "STS 2-2"	Addressed & resolved	Yes	12/21/95
11	8	99	Dredge line on parcel	Info only	NA	
10	1	31	Industrial equipment stored by DRMO	Removed	Yes	12/21/95
1	7	99	T-655 not shown on EBS parcel map	Info only	NA	
1	2.6	99	Bldg 1325 & 805 incorrectly located on EBS parcel map	Info only	NA	
		2	PA/SI site	Info only	NA	

MARE ISLAND ENVIRONMENTAL REPORT

Printed: 10/25/00

PARCEL NO: 01-P **BRAC Property Class: 1** **North Light Industry - Bldg 989**

Parcel Usage

Planned Use North Light Industry
Current Uses: NAVELEX Computer building; parking and recreation (ball field)
Former Uses: Unknown

Topography/Geology/Soil/Water/Ecological

Flat, level, paved except for ball field. Bay mud (Qbm)/Made land (Engineered fill)(Ma).
Estimated Area: 3.1949 Acres **Elevation:** 12 ft
Ground Water: No contamination identified. **Archeological:** None
Water Level: 8 ft. **Water Flow Direction:** North **Ecological:** None

Environmental Summary

Adjacent Parcels:	4	No. of PA/SIParcels:	1	Radiological Surveys:	0	Haz Waste Treatment Facilities:	0
Buildings/Sites:	1	Tanks/OWSs:	0	Number of Spills:	0	Historical Resources:	1
Utilities by Parcels:	6	PCB Contaminated Equipm:	0	Haz Waste Accumulation Sites:	0	Lead Paint Survey:	0
IR Sites:	0	Ordnance Locations:	0	Haz Waste Storage Sites:	40	Number of Parcel Closure Items:	2
Radon Survey:	1	Asbestos Sites:	8	Backflow Prevention Items:	1		
Closed Buildings:	2	Closed Building Items:	8				

Rationale for Initially Assigning BRAC Property Class - 7

HazMat stored at building 989. Concern for incomplete groundwater information.

Rationale for Revising BRAC Property Class

Area has been evaluated. No hazardous material was found in Building 989 during the building closure inspection. Groundwater contamination is not expected to affect the parcel.

Adjacent Parcel Information

Direction	Adjacent Parcel No.	Prop Class	COMMENT
East	01-Q1	1	No physical barrier between parcels.
North	-	-	Wetlands area around off-yard parking lot and State Highway 37. Parcels are separated by a fence.

PARCEL NO: 01-P BRAC Property Class: 1 North Light Industry - Bldg 989

Adjacent Parcel Information

Direction	Adjacent Parcel No.	Prop Class	COMMENT
South	01-O	2-5	Grass area and parking between parcels.
West	01-M	1	Parcels are separated by Railroad Ave.

Building/Site Descriptive Data

Building	Map Quad	Type *	Name	Hist. Distr.	Remarks	Year Built	Year Demo	Total SqFt	Bldg Resp	Building Closure Date
625	K-3	P	Navelex Test Facility			1992		980	SY	5/11/95
763	K-1	D	Storage				UNK		SY	
989	K-1	P	Computer Bldg - Navelex			1972		5,520	SY	11/30/95

Building/Site Environmental Data Summary

Building	IR Sites	PA_SI Sites	HMS (#)	HW AS (Op)	HW AS (Cl)	HW TS	Haz Visual	PCB (Rm)	PCB (IP)	PCB Ord (NR)	Spills	ASB (Tot)	ASB (Rd)	UST (Rm)	UST (IP)	AST (Rm)	AST (IP)	OWS (Rm)	OWS (IP)	Lead Paint	NNPP GRAM	Ra-don Srvy		
625							1																	
763																								
989			40				4	1				8	8										Y	

Note: (#) = no. of sites/locations/spills/etc.; (Op) = # open; (Cl) = # closed; (Rm) = # removed; (IP) = # in place and/or suspect; (Tot) - Total # of potential Asbestos sites; (Rd) - # Remediations required of Damaged and Friable asbestos sites; (NR) = Not Released for ordnance

Building/Site Uses/Concerns/BRAC Class Rationale

Building	Current Uses	Former Uses	Remark	Concern/BRAC Rationale
989			Location: East of Railroad Ave., south of "Q" Street	
763			Location: East of Bldg. 755	
625	Test facility (NAVELEX)	Test facility (NAVELEX)	Location: West of Cedar Ave., near "O" St., west of Bldg 629, north of Bldg. 751	G-RAM

Utilities Summary

Identified Utilities	Description	PA/SI No.	IRP No.
ELECTRICAL			
FRESH WATER			
NATURAL GAS	4" STEEL LINE ALONG EAST SIDE OF RAILROAD AVE AND NORTH SIDE OF "Q" ST. 1/2 IPS TO SW 989 FROM 4" MAIN ALONG EAST SIDE OF RAILROAD AVE.		

PARCEL NO: 01-P BRAC Property Class: 1 North Light Industry - Bldg 989

Utilities Summary

Identified Utilities	Description	PA/SI No.	IRP No.
SALT WATER			
SANITARY SEWER			
TRANSFORMERS	A list of all transformers is available on a separate utility report. Transformers with PCBs are listed on parcel, SEBS, and BCT reports in the PCB Contaminated Equipment table.	SWMU-106	

Preliminary Assessment / Site Inspection Sites

PA/SI No.	CTO No.	Description
SWMU-106		SANITARY SEWER SYSTEM

PCB Contaminated Equipment

Building	Equipment Type	Equipment No.	Relative Location	PCB		Status	Leaker
				Code	Level		
989	Transformer	T-0862	Mesa Rd, Suisun Av	R	500	Removed	N

Note: Transformers, Circuit Breakers, and Rocker Arms only.

PCB Code: "<" - PCB level is less than (usually 1); "=" - PCB level has been verified by sampling; ">" - PCB level is greater than (usually 500); "?" - PCB level is not verified (usually refers to zero level); "R" - PCB level indicated before Removal/Replacement/Refilling of original unit

Hazardous Material Storage Sites

Building	MSDS No.	Code	Location	Description	Quantity
989	M/00221-00615	460-34	NE SIDE IN	BESTLINE SOLVENT & THINNER (COMM. HEXANE)	64 LB
	M/00221-03684	460-33	W. SIDE, INTERIOR	SOLDER FLUX REMOVER #22-270	1.92 LB
	M/00221-05642	460-34	NE SIDE IN	CRAMOLIN R-5 SPRAY	2.88 LB
	M/00221-05000	460-34	NE SIDE IN	TF SOLVENT #11001, 11003, 31001, 31027,	3.2 LB
	M/00221-04390	460-34	NE SIDE IN	ISOPROPYL ALCOHOL	2.56 LB
	M/00221-03098	460-34	NE SIDE IN	AEROSOL SPRAY PAINTS, LEAD FREE COLORS	1.92 LB
	M/00221-02788	460-34	NE SIDE IN	GRADE A SEALANT	2.56 LB
	M/00221-02753	460-34	NE SIDE IN	LIQUID WRENCH	1.28 LB
	M/00221-07620	460-34	NE SIDE IN	LPS 3 HEAVY DUTY RUST INHIBITOR	0.96 LB
	M/00221-01043	460-34	NE SIDE IN	FORMULA 409 SPRAY AND WIPE	10.24 LB
	M/00221-07858	460-34	NE SIDE IN	WD-40 SPRAY CANS	1.44 LB
	M/00221-10135	460-33	W. SIDE, INTERIOR	BLACK FLAG FLYING INSECT KILLER REG SCENT	0.8 LB
	M/00221-08408	460-33	W. SIDE, INTERIOR	70 PSI CM15	2.56 LB
	M/00221-08407	460-33	W. SIDE, INTERIOR	STATIC FREE C1600	0.16 LB
	M/00221-08406	460-33	W. SIDE, INTERIOR	DPL LUBRICANT CD-14	0.16 LB
	M/00221-06372	460-33	W. SIDE, INTERIOR	LENS AND MIRROR CLEANER, LENS AND PLATEN	2.56 LB
	M/00221-05642	460-33	W. SIDE, INTERIOR	CRAMOLIN R-5 SPRAY	2.56 LB

PARCEL NO: 01-P

BRAC Property Class: 1

North Light Industry - Bldg 989

Hazardous Material Storage Sites

Building	MSDS No.	Code	Location	Description	Quantity
	M/00221-04390	460-33	W. SIDE, INTERIOR	ISOPROPYL ALCOHOL	2.56 LB
	M/00221-04188	460-33	W. SIDE, INTERIOR	DUST OFF (AEROSOL CAN)	1.18 LB
	M/00221-02163	460-34	NE SIDE IN	FREEZ-IT (C-150)	2.4 LB
	M/00221-09997	460-34	NE SIDE IN	SOLDER FLUX (ALL METALS)	0.32 LB
	M/00221-10165	460-34	NE SIDE IN	WELDWOOD CONTACT CEMENT (REG)	0.48 LB
	M/00221-10150	460-34	NE SIDE IN	CONTACT KLEEN	0.64 LB
	M/00221-10135	460-34	NE SIDE IN	BLACK FLAG FLYING INSECT KILLER REG SCEN	1.92 LB
	M/00221-10076	460-34	NE SIDE IN	COLIBRI GAS REFILL	0.54 LB
	M/00221-10024	460-34	NE SIDE IN	GOLDMIST AEROSOL	0.64 LB
	M/00221-10016	460-34	NE SIDE IN	FORMULA II HAND CLEANER WILANOLIN	1.6 LB
	M/00221-10014	460-34	NE SIDE IN	ACETONE	5.12 LB
	M/00221-07399	460-34	NE SIDE IN	GRADE AA WELD SEALANT	1.92 LB
	M/00221-10001	460-34	NE SIDE IN	PAINT THINNER	5.12 LB
	M/00221-10204	460-34	NE SIDE IN	TF SOLVENT C880,C1680,C2480	3.84 LB
	M/00221-09996	460-34	NE SIDE IN	FREEZE MIST II (ANTI-STATIC)	1.6 LB
	M/00221-09995	460-34	NE SIDE IN	NICKEL PAINT	0.32 LB
	M/00221-09994	460-34	NE SIDE IN	REG HEAVY DUTY STATICIDE	0.32 LB
	M/00221-09989	460-34	NE SIDE IN	DURABOND SPACKLING PUTTY PASTE R/U	1.28 LB
	M/00221-09985	460-34	NE SIDE IN	LIGHTER FLUID FOR CHARCOAL BRIQUETS	5.12 LB
	M/00221-09983	460-34	NE SIDE IN	ETHANOL (DENATURED)	2.56 LB
	M/00221-08405	460-34	NE SIDE IN	ELECTRO-WASH C100,C500,C5500	3.84 LB
	M/00221-08401	460-34	NE SIDE IN	FLUX-OFF NR C891,C1691,C2491	3.84 LB
	M/00221-10003	460-34	NE SIDE IN	2 INDUSTRIAL STRENGTH LUBE	3.84 LB

Radon Survey / Assessment Summary

Building	RSS Reading	RSS Detector	RAS Test Results	RAS No. of Detectors	Notes
989			0.3/0.2	12	

Asbestos Survey Summary

Building	Homo Area	ACM	Description	Location	Qty	Rating	Fri-able	Con-dition	% Dam-age	Recommended Action	Comments	Status
989	H-3	Y	Caulking, Window Exterior	Exterior	575 lf	D-6	Non	D	5	O&M	Caulking was peeling.	N

MARE ISLAND ENVIRONMENTAL REPORT

Printed: 10/25/00

PARCEL NO: 01-P BRAC Property Class: 1

North Light Industry - Bldg 989

Asbestos Survey Summary

Building	Homo Area	ACM	Description	Location	Qty	Rating	Fri-able	Con-dition	% Dam-age	Recommended Action	Comments	Status
989	H-4	A	Floor Tile, 12" Green	Room 113-115	276 sf	D-7	Non	D	1	O&M	Floor tile had water damage with chipped edges.	N
989	H-5	A	Floor Tile, 12" Blue	Room 101	2000 sf	D-7	Non	D	5	O&M	Floor tile was missing and had oil damage.	N
989	H-6	A	Floor Tile, 12" Beige	Room 101	2000 sf	PD-5	Non	ND	0	O&M		N
989	H-7	A	Coving Mastic, 4" Brown	Room 102-115	160 sf	D-7	Non	D	1	O&M	Coving was loose exposing mastic.	N
989	H-8	A	Fire Door	Room 101-102, 111	84 sf	PD-5	Non	ND	0	O&M	There were four fire doors.	N
989	H-9	A	Roofing, Tar And Gravel	Roof	420 sf	PD-5	Non	ND	0	O&M		N
989	H-10	A	Roofing, Composition Shingle	Roof	40 sf	PD-5	Non	ND	0	O&M		N

Legend: ACM: Y = Yes by sample, N = None by sample, A = Yes by visual inspection Condition: SD = Significantly Damaged, D = Damaged, PD = Potential for Damage, ND = No Damage Qty: SF = Square Feet, LF = Linear Feet Recommended Action: OM = Operation Maintenance Status: R = Remediation Required, C = Remediation Completed, N = No Work, Sat.

Backflow Prevention and Cross-Connection Survey

Building	Location	Potential Hazard or Comment	Corrective Action or Comment	Degree of Hazard
989	Outside, SE	PVB installed for protecting water to irrigation system.		
625		No water service.	Inadequate protection. Install DCVA.	Low

Note: The Backflow Prevention and Cross-Connection Survey Report information is a listing of what buildings or locations have Backflow Preventors in the drinking water system throughout Mare Island. The report also lists any potential hazards or comments concerning potential hazards and the correcting actions or comments. Also listed is the degree of hazard for each preventor. For further information see the actual Backflow Prevention and Cross-Connection Survey Report.

Building Closure File Information

Building	Check List No.	Def item No.	Concern Code	Description of Problem	Correction Comment	Prob Corrected	Date of Correction
625	7		99	Debris	Removed and cleared as necessary.	Yes	5/8/95
625	5.a		30	Asbestos survey required. Also in item 7.	No damaged or friable asbestos found.	Yes	12/22/94
989	7	1	41	Electrical wires exposed at ground level.	Taped over.	Yes	10/31/95
989	7	6	31	Portable office trailers (3) inside fenced yard.	Info only (previously scheduled to be removed.)	NA	
989	7	2	31	Office equipment and cabinets. Also items 3 and 4.	Info only	NA	
989	5a		30	Asbestos survey required.	No friable asbestos found - building released.	Yes	10/31/95
989	3i		22	HAZMAT storage site.	No HAZMAT now present.	Yes	10/31/95
989	4i		21	Flammable storage locker #00566 west side.	Empty. Info only.	NA	

MARE ISLAND ENVIRONMENTAL REPORT

Printed: 10/25/00

PARCEL NO: 01-P **BRAC Property Class: 1** **North Light Industry - Bldg 989**

Parcel Closure File Information

Check List No.	Def Item No.	Concern Code	Description of Problem	Correction Comment	Prob Corrected	Date of Correction
8	2	6	Transformers T-127, 128, 129, no leaks	Info only	NA	
6	1	3	Vent pipe to UST	Vent for utility vault, no action required	Yes	10/24/95

MARE ISLAND ENVIRONMENTAL REPORT

Printed: 10/25/00

PARCEL NO: 01-Q1

BRAC Property Class: 1

North Light Industry - Bldgs 791 and 793

Parcel Usage

Planned Use North Light Industry

Current Uses: Training Offices

Former Uses: None identified.

Topography/Geology/Soil/Water/Ecological

Flat, level fill and pavement. Bay mud (Qbm)/Made land (Engineered fill)(Ma).

Estimated Area: 2.7855 Acres **Elevation:** 10 ft

Ground Water: No contamination identified.

Archeological: None

Ecological: None

Water Level: 5.5 ft. **Water Flow Direction:** North

Environmental Summary

Adjacent Parcels: 5
Buildings/Sites: 2
Utilities by Parcels: 7
IR Sites: 0
Radon Survey: 0
Closed Buildings: 2

No. of PA/SIParcels: 2
Tanks/OWSs: 0
PCB Contaminated Equipm: 2
Ordnance Locations: 0
Asbestos Sites: 12
Closed Building Items: 40

Radiological Surveys: 2
Number of Spills: 1
Haz Waste Accumulation Sites: 1
Haz Waste Storage Sites: 0
Backflow Prevention Items: 2

Haz Waste Treatment Facilities: 0
Historical Resources: 2
Lead Paint Survey: 0
Number of Parcel Closure Items: 3

Rationale for Initially Assigning BRAC Property Class - 7

Potential spill. G-RAM in buildings 791 and 793. Concern for incomplete groundwater information.

Rationale for Revising BRAC Property Class

Area has been evaluated. G-RAM issues have been resolved. Groundwater samples have been collected and based on the distribution of groundwater contaminants and on flow patterns, detected contaminants in groundwater are not expected to affect the parcel.

Adjacent Parcel Information

Direction	Adjacent Parcel No.	Prop Class	COMMENT
East	01-Q2	6	Parcels are separated by fence and connecting roadway.
East	17-E	6	Parcels are separated by fence and connecting roadway.

Former Mare Island Naval Shipyard EBS Supplement

Parcel No: 01-Q1

DS.0292.14790

PARCEL NO: 01-Q1 BRAC Property Class: 1 North Light Industry - Bldgs 791 and 793

Adjacent Parcel Information

Direction	Adjacent Parcel No.	Prop Class	COMMENT
North	-		Wetlands area around off-yard parking lot and State Highway 37. Parcels are separated by a fence.
South	01-O	2-5	Parcels are separated by fence.
West	01-P	1	There is no physical separation between parcels.

Building/Site Descriptive Data

Building	Map Quad	Type	Name	Hist. Distr.	Remarks	Year Built	Year Demo	Total SqFt	Bldg Resp	Building Closure Date
791	K-1	P	Offices - Training			1946		12,200	SY	8/17/95
793	K-1	P	Offices - Training			1946		4,000	SY	4/20/95

Building/Site Environmental Data Summary

Building	IR Sites	PA_SI Sites	HMS (#)	HW AS (Op)	HW AS (Cl)	HW TS	Haz Visual	PCB (Rm)	PCB (IP)	PCB (NR)	Ord	Spills (Tot)	ASB (Rd)	ASB (IP)	UST (Rm)	UST (IP)	AST (Rm)	AST (IP)	OWS (Rm)	OWS (IP)	Lead Paint	NNPP GRAM	Ra- don Srvcy	
791					1		7		6					7										(G)
793							1		3			1	5											(G)

Note: (#) = no. of sites/locations/spills/etc.; (Op) = # open; (Cl) = # closed; (Rm) = # removed; (IP) = # in place and/or suspect; (Tot) - Total # of potential Asbestos sites; (Rd) - # Remediations required of Damaged and Friable asbestos sites; (NR) = Not Released for ordnance

Building/Site Uses/Concerns/BRAC Class Rationale

Building	Current Uses	Former Uses	Remark	Concern/BRAC Rationale
793			Location: South of "Q" St., northeast of Baseball Fields M156	
791			Location: South of "Q" St., north of Picnic Area AA-11, east of Bldg 793	

Utilities Summary

Identified Utilities	Description	PA/SI No.	IRP No.
ELECTRICAL			
FRESH WATER			
NATURAL GAS	4" LINE ALONG NORTH SIDE OF "Q" ST.; 1.25" LINE TO NORTH SIDE OF BLDG 791 FROM 4" LINE NORTH SIDE OF "Q" ST.		
SALT WATER			
SANITARY SEWER	6" STEEL FORCE MAIN FROM PIERS, 6" VCP FROM BLDG 791, TO 10" VCP TO PUMP STATION, SPS-4.		
STORM SEWER	BLDG 791 AND SUBSTATION TO 4" AND 8" CMP TO 12" CMP TO 30" RCP TO NAPA RIVER.		
		SWMU-106	
		SWMU-093	

PARCEL NO: 01-Q1 BRAC Property Class: 1 North Light Industry - Bldgs 791 and 793

Utilities Summary

Identified Utilities	Description	PAISI No.	IRP No.
TRANSFORMERS	A list of all transformers is available on a separate utility report. Transformers with PCBs are listed on parcel, SEBS, and BCT reports in the PCB Contaminated Equipment table.		

Preliminary Assessment / Site Inspection Sites

PAISI No.	CTO No.	Description
SWMU-106		SANITARY SEWER SYSTEM
SWMU-093		STORM SEWER SYSTEM

PCB Contaminated Equipment

Note: Transformers, Circuit Breakers, and Rocker Arms only.

Building	Equipment Type	Equipment No.	Relative Location	PCB		Volume (gal.)	Status	Leaker
				Code	Level			
791	Transformer	T-1174	Pier 55; North gate	=	6.31	20	Active	N
791	Transformer	T-1173	Pier 55; North gate	=	7.12	20	Active	N
791	Transformer	T-1172	Pier 55; North gate	=	0.33	20	Active	N
791	Transformer	T-0129	Q St P-55; Sewage Station	=	1.2	5	Active	Y
791	Transformer	T-0128	Q St P-55; Sewage Station	=	1.2	5	Active	Y
791	Transformer	T-0127	Q St P-55; Sewage Station	<	1	5	Active	Y
793	Transformer	T-1723	Waterfront Av; Pole	<	1	20	Active	N
793	Transformer	T-1722	Waterfront Av; Pole	<	1	20	Active	N
793	Transformer	T-1721	Waterfront Av; Pole	<	1	20	Active	N

PCB Code: "<" - PCB level is less than (usually 1); "=" - PCB level has been verified by sampling; ">" - PCB level is greater than (usually 500); "?" - PCB level is not verified (usually refers to zero level); "R" - PCB level indicated before Removal/Replacement/Refilling of original unit

NNPP and G-RAM Survey Locations

Building	NNPN	G-RAM	NNPP Remarks	G-RAM Remarks	Navy Released?	Agency Concurred?
791		(G)			Yes	Yes
793		(G)			Yes	Yes

Facilities/areas designated as "N" or "G" required radiological surveys, based on their history of use, to document the absence of radioactivity. Facilities/areas designated as "(N)" or "(G)" have no history of radiological usage, but are being surveyed as an added measure of protection.

Spill History

Building	HWCN	Direction	Relative Location	Substance	Quantity	Date	Released To	Comments
793		N		Oil	0.5gal	3/15/94	trailer unit	Transformer inside of remote communication trailer leaked oily substance inside trailer unit. (No potential leakage to storm drain.)

PARCEL NO: 01-Q1 BRAC Property Class: 1 North Light Industry - Bldgs 791 and 793

Hazardous Waste Accumulation Sites

Building	HWAA	Relative Location	Status	Unit Description	Hazardous Wastes Stored
791	38-5	Center of West wall inside Bldg 791	Closed	Drums	Flammable liquids, combustible liquids

Asbestos Survey Summary

Building	Homo Area	ACM	Description	Location	Qty	Rating	Fri-able	Condi-tion	% Dam-age	Recommended Action	Comments	Status
791	H-1	A	Floor Tile, 9" Vinyl Tan W/Brown Specks	Room 101, 102	216 sf	PD-3	Non	ND	0	O&M		N
791	H-4	A	Floor Tile, 12" Vinyl Light Green W/White Specks	Room 104	60 sf	PD-3	Non	ND	0	O&M		N
791	H-5	A	Transite Panel	Room 104	20 sf	PD-3	Non	ND	0	O&M		N
791	H-7	A	Floor Tile, 9" Vinyl Black W/Red Speckles	Room 105	90 sf	PD-3	Non	ND	0	O&M		N
791	H-8	A	Floor Tile, 9" Vinyl Grey	Room 105	90 sf	PD-3	Non	ND	0	O&M		N
791	H-9	A	Floor Tile, 9" Vinyl Dark Green	Room 105	12 sf	PD-3	Non	ND	0	O&M		N
791	H-10	A	Roofing, Surfacing Sprayed-on Sheet Metal Panels	Roof	13000 sf	PD-7	Low	ND	0	O&M		N
793	H-4	Y	Glazing	Exterior Windows	256 lf	SD-6	Non	SD	25	O&M	Glazing was cracked and chipped with about 25% missing on back windows.	N
793	H-5	A	Floor Tile, 12" Beige W/ Brown	Room 101, 102, 104, 105, 106, 107, 113	2550 sf	D-5	Non	D	1	O&M	Floor tile was cracked and had small holes. Room 102 had about 8 square feet of water damage.	N
793	H-6	A	Floor Tile, 12" Grey W/ White	Room 108, 109, 110, 112	253 sf	D-5	Non	D	1	O&M	Floor tile had small holes.	N
793	H-7	A	Coving Mastic, 4" Black	Room 101, 102, 105, 106, 107, 109, 113	198 sf	D-5	Non	D	1	O&M	Some coving was loose.	N
793	H-8	A	Coving Mastic, 2" Black	Room 103, 108, 109, 110, 112	29 sf	D-5	Non	D	1	O&M	Coving was cracked and loose.	N

Legend: ACM: Y = Yes by sample, N = None by sample, A = Yes by visual inspection Condition: SD = Significantly Damaged, D = Damaged, PD = Potential for Damage, ND = No Damage Qty: SF = Square Feet, LF = Linear Feet Recommended Action: OM = Operation Maintenance Status: R = Remediation Required, C = Remediation Completed, N = No Work, Sat

Backflow Prevention and Cross-Connection Survey

Building	Location	Potential Hazard or Comment	Corrective Action or Comment	Degree of Hazard
793		No deficiencies found.		
791		No deficiencies found.		

PARCEL NO: 01-Q1

BRAC Property Class: 1

North Light Industry - Bldgs 791 and 793

Backflow Prevention and Cross-Connection Survey

Building	Location	Potential Hazard or Comment	Corrective Action or Comment	Degree of Hazard
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Note: The Backflow Prevention and Cross-Connection Survey Report information is a listing of what buildings or locations have Backflow Preventors in the drinking water system throughout Mare Island. The report also lists any potential hazards or comments concerning potential hazards and the correcting actions or comments. Also listed is the degree of hazard for each preventor. For further information see the actual Backflow Prevention and Cross-Connection Survey Report.

Building Closure File Information

Building	Check List No.	Def Item No.	Concern Code	Description of Problem	Correction Comment	Prob. Corrected	Date of Correction
791	4.i		30	Oven with asbestos fire bricks.	Info only.	NA	
791	4.i		6	Non-flammable solution tank one-third full of liquid.	No PCBs. Removed, sampled, and disposed of.	Yes	7/14/94
791	4.j		99	Flammable lockers.	Info only.	NA	
791	4.j		41	Bare electrical wires in northwest corner of office.	Wires capped, installed in junction box, covered.	Yes	7/7/94
791	4.h		40	Debris and standing oils in equipment pans.	Debris removed. Oils have no PCBs.	Yes	1/4/94
791	5.a		30	Asbestos Survey required.	No remediation required.	Yes	7/22/94
791	4.i		30	Pallet of fire bricks (asbestos?).	Info only.	NA	
791	4.i		30	Asbestos gasket material.	Removed.	Yes	7/14/94
791	4.i		29	Sandblast grit.	Removed to Building 218 for sample and disposal.	Yes	7/14/94
791	3.c		22	HWAA #38-5. Also item 3i.	HWAA #38-5 closed per TWD #003.	Yes	2/22/95
791	6.a3		6	Stains throughout building.	PCB Survey of stains	Yes	6/10/96
791	4.i		6	Containers of spent absorbent.	Removed, sampled, and disposed of in Building 218.	Yes	7/14/94
791	4.i		6	Three oil dispensers.	Info only.	NA	
791	4.i		6	Oil contaminated equipment.	No PCBs. No action necessary.	NA	
791	4.f		38	Accessible equipment or controls.	Equipment free released for PCBs.	Yes	6/19/95
793	4.i	22	29	Paint stain. Also item 7.	Dry and fixed to asphalt. Not environmental problem.	Yes	12/20/94
793	4.j	5	28	Electrical box cover missing. Also item 7.	Taped. No hazard.	Yes	12/7/94
793	4.i	10	6	Planer (possible oil reservoir.) Also item 7.	No reservoir. Stains checked. No PCBs.	Yes	2/13/95
793	4.i	24	19	Grit (unknown)	Removed.	Yes	3/28/95
793	4.j	15	21	Dyes and adhesives. Also item 7.	Removed.	Yes	3/30/95
793	4.i	1	99	Misc. material and trailer. Also item 7.	Info only.	Yes	4/14/95
793	4.i	17	99	Debris under bldg. Also item 7.	Removed.	Yes	4/14/95
793	4.i	16	99	Empty flammable locker. Also item 7.	Info only.	NA	4/20/95
793	4.i	14	99	Bag of aluminum oxide. Also item 7.	Removed.	Yes	3/30/95
793	4.i	13	99	Bags of pumice sand. Also item 7.	Removed.	Yes	3/30/95

PARCEL NO: 01-Q1 BRAC Property Class: 1 North Light Industry - Bldgs 791 and 793

Building Closure File Information

Building	Check List No.	Def Item No.	Concern Code	Description of Problem	Correction Comment	Prob Corrected	Date of Correction
793	4.i	12	99	Bags of grout. Also item 7.	Removed.	Yes	3/30/95
793	4.i	9	99	Bags of absorbent. Also item 7.	Removed.	Yes	3/30/95
793	4.i	7	99	Box of fluorescent tubes. Also item 7.	Removed.	Yes	3/30/95
793	4.j		28	Extension cord hardwired to electrical box. Also item 7.	Taped. No hazard.	Yes	12/7/94
793	4.i	2	99	Debris and dirt. Also item 7.	Info only.	Yes	4/14/95
793	4.i	19	99	Flammable storage locker. Also item 7.	Info only.	NA	4/20/95
793	4.i	8	39	Fluorescent tube overhead not capped. Also item 7.	Taped. No hazard.	Yes	12/7/95
793	4.c	21	35	Inadequate railing. Also item 4.j. and item 7.	Installed new railing to meet safety requirements.	Yes	12/7/95
793		11	31	Sewing machine (industrial)	Info only.	NA	4/20/95
793	4.i	4	31	Hot water heater. Also item 7.	Info only.	NA	4/20/95
793	5.a.		30	Asbestos survey required. Also item 7.	No damaged or friable.	Yes	2/27/95
793	4.j	18	30	Structure with possible asbestos. Also item 7.	Removed.	Yes	11/23/94
793	4.i	20	30	50 gal. drum with possible asbestos fire bricks. Also item 7.	Removed.	Yes	11/23/94
793	4.i	23	29	Paint booth. Also item 7.	Fixed rust and paint residues. No release to environment	NA	4/20/95
793	4.i	6	99	25 sheets of sheetrock. Also item 7.	Removed.	Yes	3/30/95

Parcel Closure File Information

Check List No.	Def Item No.	Concern Code	Description of Problem	Correction Comment	Prob Corrected	Date of Correction
8		5		Parcel 01-Q1 is released as PCB free.	Yes	
4		6		PCB contaminated container has been addressed and r	Yes	
3		6		PCB contaminated cylinder has been addressed and res	Yes	

MARE ISLAND ENVIRONMENTAL REPORT

Printed: 10/25/00

PARCEL NO: 01-Q2

BRAC Property Class: 6

North Light Industry - Piers 53-56

Parcel Usage

Planned Use North Light Industry

Current Uses: Piers 53 thru 56; reserve fleet shore facilities

Former Uses: Unknown

Topography/Geology/Soil/Water/Ecological

Flat, level. Bay mud (Qbm)/Made land (Engineered fill)(Ma).

Estimated Area: 8.2506 Acres **Elevation:** 10 ft

Ground Water: Napa River

Archeological: None

Water Level: 0 ft.

Water Flow Direction: South

Ecological: None

Environmental Summary

Adjacent Parcels: 7
 Buildings/Sites: 7
 Utilities by Parcels: 8
 IR Sites: 0
 Radon Survey: 0
 Closed Buildings: 8

No. of PA/SIParcels: 2
 Tanks/OWSs: 2
 PCB Contaminated Equipm: 2
 Ordnance Locations: 0
 Asbestos Sites: 36
 Closed Building Items: 85

Radiological Surveys: 0
 Number of Spills: 1
 Haz Waste Accumulation Sites: 0
 Haz Waste Storage Sites: 0
 Backflow Prevention Items: 1

Haz Waste Treatment Facilities: 0
 Historical Resources: 7
 Lead Paint Survey: 0
 Number of Parcel Closure Items: 5

Rationale for Initially Assigning BRAC Property Class - 7

Building 797: Unresolved active AST. PA/SI sites.

Rationale for Revising BRAC Property Class

Area has been evaluated.

Adjacent Parcel Information

Direction	Adjacent Parcel No.	Prop Class	COMMENT
East	18-A	6	Submerged Land
East	18-B	6	Mare Island Strait
North	18-A	6	Submerged Land

PARCEL NO: 01-Q2

BRAC Property Class: 6

North Light Industry - Piers 53-56

Adjacent Parcel Information

Direction	Adjacent Parcel No.	Prop Class	COMMENT
North	18-B	6	Napa River West shore adjacent to Mare Island and Mare Island Strait.
South	18-A	6	Submerged Land
South	18-B	6	Napa River adjacent to Mare Island and Mare Island Strait.
West	17-E	6	Parcels are separated by Mare Island Strait Pier areas 53-56.

Building/Site Descriptive Data

Building	Map Quad	Type	Name	Hist. Distr.	Remarks	Year Built	Year Demo	Total SqFt	Bldg Resp	Building Closure Date
544	J-2	D	Office For Lumber Yard				UNK		SY	
575	J-1	D	Storehouse				UNK		SY	
797	K-0	P	Boiler & SW Pumphouse			1941		2,137	SY	
799	J-0	P	Elec Dist Sta & Pwc Work Area			1946		1,481	SY	
825	J-0	P	Boat House			1951		1,868	SY	5/18/95
947	J-0	D	Sentry House - Pier 54		DATE DEMOLISHED UNKNOWN	1948	UNK	81	SY	
951	K-0	D	Public Toilet				1978		SY	
953	J-0	D	Latrine			1958	UNK		SY	
ORDLAND-02	D-0	N	Shoreline Area - Pier 24 To Dike 14 (18-A)	Yes					SY	
PIER 53	J-0	N	Pier - Berthing			1946			SY	
PIER 54	J-0	N	Pier - Berthing			1946			SY	
PIER 55	K-0	N	Pier - Berthing			1946			SY	10/17/95
PIER 56	K-0	N	Pier - Berthing			1946			SY	

Building/Site Environmental Data Summary

Building	IR Sites	PA_SI Sites	HMS (#)	HW AS (Op)	HW AS (Cl)	HW TS	Haz Vis-ual	PCB (Rm)	PCB (IP)	PCB Ord (NR)	Spills	ASB (Tot)	ASB (Rd)	UST (Rm)	UST (IP)	AST (Rm)	AST (IP)	OWS (Rm)	OWS (IP)	Lead Paint	NNPP GRAM	Ra-don Svty		
544																								
575																								
797							4	7	3			17	17			2								
799							1	1				2												
825												6	6											
947																								
951																								

MARE ISLAND ENVIRONMENTAL REPORT

Printed: 10/25/00

PARCEL NO: 01-Q2 BRAC Property Class: 6 North Light Industry - Piers 53-56

Building/Site Environmental Data Summary

Building	IR Sites	PA_SI Sites	HMS (#)	HW AS (Op)	HW AS (Cl)	HW TS	Haz Vis-ual	PCB (Rm)	PCB (IP)	Ord (NR)	Spills	ASB (Tot)	ASB (Rd)	UST (Rm)	UST (IP)	AST (Rm)	AST (IP)	OWS (Rm)	OWS (IP)	Lead Paint	NNPP	GRAM	Re-don Srvy
953																							
ORDLAND-02																							
PIER 53		XPA/SI-001/																					
PIER 54		XPA/SI-001/																					
PIER 55		XPA/SI-001/						3			1	11	6										
PIER 56		XPA/SI-001/																					

Note: (#) = no. of sites/locations/spills/etc.; (Op) = # open; (Cl) = # closed; (Rm) = # removed; (IP) = # in place and/or suspect; (Tot) - Total # of potential Asbestos sites; (Rd) - # Remediations required of Damaged and Friable asbestos sites; (NR) = Not Released for ordnance

Building/Site Uses/Concerns/BRAC Class Rationale

Building	Current Uses	Former Uses	Remark	Concern/BRAC Rationale
PIER 56				
PIER 55				
PIER 54				
PIER 53				
ORDLAND-02				
953	Demolished		Location: South of building 825.	
951			Location: N of 799	
947	Demolished			
825			Location: "Q" St. Pier, Between Berths 54 and 55, south of Bldg 799	
799			Location: "Q" St. Pier, between Berths 54 and 55, north of Bldg 825	
797			Location: East end of "Q" St., north of Pier 56	
575			NW of 589	
544			S of 499	

Utilities Summary

Identified Utilities	Description	PA/SI No.	IRP No.
COMPRESSED AIR			
ELECTRICAL			
FRESH WATER			

PARCEL NO: 01-Q2 BRAC Property Class: 6 North Light Industry - Piers 53-56

Utilities Summary

Identified Utilities	Description	PA/SI No.	IRP No.
NATURAL GAS	CAPPED END OF 4" MAIN		
SALT WATER			
SANITARY SEWER	RESTROOM AT BERTHS 53 AND 55 TO 6" FORCE MAIN TO "C" ST AND RAILROAD AVE.		
STEAM	4" STEAM AND 2" CONDENSATE BETWEEN BLDG 797 BOILER AND PIER 53.		SWMU-106
TRANSFORMERS	A list of all transformers is available on a separate utility report. Transformers with PCBs are listed on parcel, SEBS, and BCT reports in the PCB Contaminated Equipment table.		

Preliminary Assessment / Site Inspection Sites

PA/SI No.	CTO No.	Description
XPA/SI-001		NORTH SHORE PIERS
SWMU-106		SANITARY SEWER SYSTEM

Tanks and OWS Summary

Building	Type	Tank No.	Location	Physical Status	Closed	Contents	Remarks	Removed	Volume (gal)	Construction
797	AST	01		Removed	No	Diesel	Diesel Day Tanks	Unknown	275 gal(each)	Steel
797	AST	02		Removed	No	Diesel	Diesel Day Tanks	Unknown	275 gal(each)	Steel

PCB Contaminated Equipment

Building	Equipment Type	Equipment No.	Relative Location	PCB			Status	Leaker
				Code	Level	Volume (gal.)		
797	Transformer	T-1104	Pier 55; Outside	R	139	185	Removed	Y
797	Transformer	T-1103	Pier 55; Outside	R	7.94	185	Removed	Y
797	Transformer	T-1102	Pier 55; Outside	R	308.3	185	Removed	Y
797	Transformer	T-0572	Pier 55; On Pier	R	87	65	Removed	Y
797	Transformer	T-0568	Pier 55; On Pier	R	54.8	65	Removed	Y
797	Transformer	T-0567	Pier 55; On Pier	R	308.2	65	Removed	Y
797	Transformer	T-0565	Pier 55; On Pier	R	73.5	65	Removed	Y
797	Transformer	T-0516	Pier 55; Outside	=	4.49	75	Active	Y
797	Transformer	T-0514	Pier 55; Outside	=	4.21	75	Active	Y
797	Transformer	T-0512	Pier 55; On Pier	=	1.68	75	Active	Y
799	Transformer	T-1492	P-55; PIER 55	R	500	50	Removed	N
PIER 55	Rocker Arm	GRA-65	Pier 55;	=	6.18	10	Active	
PIER 55	Rocker Arm	GRA-61	Pier 55;	=	9.04	10	Active	
PIER 55	Rocker Arm	GRA-51	Pier 55;	<	1	10	Active	

Note: Transformers, Circuit Breakers, and Rocker Arms only.

PARCEL NO: 01-Q2 BRAC Property Class: 6 North Light Industry - Piers 53-56

PCB Contaminated Equipment

Building	Equipment Type	Equipment No.	Relative Location	PCB Code	PCB Level	Volume (gal.)	Status	Leaker
Note: Transformers, Circuit Breakers, and Rocker Arms only.								
PCB Code: "C" - PCB level is less than (usually 1); "=" - PCB level has been verified by sampling; ">" - PCB level is greater than (usually 500); "P" - PCB level is not verified (usually refers to zero level); "R" - PCB level indicated before Removal/Replacement/Refilling of original unit								

Ordinance Storage Locations

Building	Name / Function	Concern / Status	Released from Ordinance Concerns
ORDLAND-02	Shoreline Area - Pier 24 To Dike 14 (18-A)	Ordinance contaminated property.	Yes
PIER 53	Pier - Berthing	Possible contamination.	Yes
PIER 54	Pier - Berthing	Possible contamination.	Yes
PIER 55	Pier - Berthing	Possible contamination.	Yes
PIER 56	Pier - Berthing	Possible contamination.	Yes

Spill History

Building	HWCN	Direction	Relative Location	Substance	Quantity	Date	Released To	Comments
PIER 55				Oil	1gal	2/1/89	land	

Asbestos Survey Summary

Building	Homo Area	ACM	Description	Location	Qty	Rating	Fri-able	Con-dition	% Dam-age	Recommended Action	Comments	Status
797	H-3	Y	TSI, 2" Pipe	Room 103, Mezzanine	85 lf	D-10	Low	D	1	Repair/O&M	TSI had small tears and holes.	C
797	H-4	Y	TSI, 2" Fitting	Room 103, Mezzanine	20 lf	D-10	Low	D	1	Repair/O&M	TSI had small tears.	C
797	H-5	Y	TSI, 3" Pipe	Room 102, 103, Mezzanine	201 lf	D-10	Low	D	2	Repair/O&M	TSI had small tears and lagging was unwrapping on the mezzanine.	C
797	H-6	Y	TSI, 3" Fitting	Room 102, 103, Mezzanine	87 lf	D-10	Low	D	1	Repair/O&M	TSI had small tears.	C
797	H-7	Y	TSI, 5" Pipe	Room 103, Mezzanine	53 lf	D-10	Low	D	1	Repair/O&M	TSI had small tears and lagging unwrapping on south end of #2 boiler in Room 103.	C
797	H-8	Y	TSI, 5" Fitting	Room 103, Mezzanine	27 lf	D-9	Low	D	1	Repair/O&M	TSI had small tears.	C
797	H-9	Y	TSI, 8" Pipe	Room 103, Mezzanine	75 lf	D-8	Low	D	1	Repair/O&M	TSI had small tears and holes and some lagging coming off.	C
797	H-10	Y	TSI, 8" Fitting	Room 103, Mezzanine	20 lf	D-10	Low	D	1	Repair/O&M	TSI had small holes.	C
797	H-11	Y	Tar Paper on Corrugated Metal Exterior Walls	Room 102, 103, 104, Roof and Exterior Walls	6330 sf	D-6	Non	D	1	O&M	Tar paper was worn, torn and had small holes.	N
797	H-12	A	Mortar, Red Brick	Room 103	360 sf	D-4	Non	D	1	O&M	Mortar and brick had small holes and chipped brick.	N

PARCEL NO: 01-Q2 BRAC Property Class: 6 North Light Industry - Piers 53-56

Asbestos Survey Summary

Building	Homo Area	ACM	Description	Location	Qty	Rating	Fri-able	Con-dition	% Dam-age	Recommended Action	Comments	Status
797	H-13	A	Fire Brick, Red	Room 103 (Inside Boilers)	300 sf	D-4	Non	D	1	O&M	Some of the firebrick were cracked.	N
797	H-14	A	Fire Brick, Yellow	Room 103 (Inside Boilers)	300 sf	D-4	Non	D	1	O&M	Some of the firebrick were cracked.	N
797	H-15	Y	TSI, Sheet "A"	Room 103 (Around Boilers)	576 sf	D-10	Low	D	2	Repair/O&M	TSI sheets had loose coverings around the access doors of #1 and #2 boilers.	C
797	H-16	Y	TSI, Tank 7' Diameter x 9' Long	Room 103 (Steam Drums)	397 sf	D-10	Low	D	1	Repair/O&M	TSI had small holes and tears and some loose covering.	C
797	H-17	Y	TSI, Sheet "B"	Mezzanine (On Induction Blower)	96 sf	D-10	Low	D	1	Repair/O&M	TSI had small holes and tears and some loose covering.	C
797	H-18	Y	TSI, Sheet "C"	Mezzanine (On Air Ejector)	36 sf	D-10	Low	D	1	Repair/O&M	TSI had small holes and tears and loose covering at access doors.	C
797	H-19	Y	TSI, Tank 4' Diameter x 11'	Mezzanine (Boiler Water Tank)	214 sf	D-10	Low	D	1	Repair/O&M	TSI had small holes.	C
799	H-2	Y	Surfacing, Over Corrugated Metal	Interior/Exterior Siding and Roof	4770 sf	PD-4	Non	ND	0	O&M		N
799	H-3	Y	Caulking, Sealant	Inside Room 101	9 lf	PD-3	Non	ND	0	O&M		N
825	H-3	A	Floor Tile, 9" Light Brown And White	Room 101, 102, 104	476 sf	D-5	Non	D	2	O&M	Floor tile was cracked and chipped. Floor tile was covered with carpeting in Room 104.	N
825	H-4	A	Floor Tile, 9" Grey And White	Room 101	69 sf	D-5	Non	D	1	O&M	Floor tile was cracked.	N
825	H-5	A	Floor Tile, 9" Dark Green And White	Room 101, 102, 103, 105	607 sf	D-5	Non	D	3	O&M	Floor tile was cracked and chipped. Room 103 had loose, some missing, and water damaged tile. Floor tile was under carpeting in Room 105.	N
825	H-6	A	Floor Tile, 9" Black And White	Room 101	10 sf	D-5	Non	D	1	O&M	Floor tile was cracked.	N
825	H-7	A	Roofing, Composition Sheet	Roof Over Room 109	108 sf	D-5	Non	D	1	O&M	Roofing was weather-beaten.	N
825	H-8	Y	TSI, 4" Pipe	Room 106	4 lf	D-12	High	D	5	Repair/O&M	TSI was torn and exposed.	C
PIER 55	H-1	Y	Duct, 3" Pipe Black, Preformed	South Side and Under West Side of Pier	2500 lf	D-14	Low	D	7	Repair/O&M	Duct was broken, cracked and missing.	C
PIER 55	H-2	Y	TSI, 6" Pipe Preformed	Under West Side of Pier and Protruding To Top Side	20 lf	SD-24	High	SD	40	Remove/Repair/O&M	TSI was cracked, torn and had exposed ends.	C
PIER 55	H-3	A	TSI, 8" Pipe Preformed	Under West Side of Pier	2180 lf	SD-24	Mod	SD	25	Repair/O&M	TSI was assumed because it was under the pier and inaccessible. TSI had lagging missing and falling off thereby exposing TSI and also had exposed ends.	C
PIER 55	H-4	Y	Wrap, 6" Pipe Black Tape	Under South and West Sides of Pier	2100 lf	SD-20	Low	SD	75	Repair/O&M	Wrap was torn, cracked and missing.	C

PARCEL NO: 01-Q2 BRAC Property Class: 6 North Light Industry - Piers 53-56

Asbestos Survey Summary

Building	Homo Area	ACM	Description	Location	Qty	Rating	Fri-able	Condi-tion	% Dam- age	Recommended Action	Comments	Status
PIER 55	H-5	A	Wrap, 3" Pipe Black	Under Side of Finger Piers	600 lf	SD-20	Low	SD	75	O&M	Wrap was assumed because it was under the finger piers and inaccessible.	N
PIER 55	H-6	Y	Wrap, 1" Pipe Tar Paper	Under East Side of Pier and Protruding To The Top Side	120 lf	D-15	Low	D	10	Repair/O&M	Wrap was torn, cracked and missing.	C
PIER 55	H-7	Y	Tar, Troweled on	On East Finger Piers Over Top of Mooring Cleats	12 sf	PD-4	Non	ND	0	O&M		N
PIER 55	H-8	Y	Tar Patch, Troweled on, Black	Top Side of North End of Pier Over Concrete	80 sf	PD-5	Non	ND	0	O&M		N
PIER 55	H-9	A	TSI, 8" Fitting Preformed	Under East Side of Pier	12 lf	SD-20	Low	SD	25	O&M	TSI was assumed because it was under the pier and inaccessible.	N
PIER 55	H-10	Y	Tar W/ Tar Paper Wrap, 4" Pipe	North West Side Above and Below Pier	400 lf	SD-20	Low	SD	25	Repair/O&M	Tar/tar paper was cracked, split, peeled and missing.	C
PIER 55	H-11	A	TSI, 6" Fitting	Under East Side of Pier	5 lf	SD-20	Low	SD	50	O&M	TSI was assumed because it was under the pier and inaccessible.	N

Legend: ACM: Y = Yes by sample, N = None by sample, A = Yes by visual inspection Condition: SD = Significantly Damaged, D = Damaged, PD = Potential for Damage, ND = No Damage Qty: SF = Square Feet, LF = Linear Feet Recommended Action: OM = Operation Maintenance Status: R = Remediation Required, C = Remediation Completed, N = No Work, Sat. as it.

Backflow Prevention and Cross-Connection Survey

Building	Location	Potential Hazard or Comment	Corrective Action or Comment	Degree of Hazard
825		No deficiencies found.		

Note: The Backflow Prevention and Cross-Connection Survey Report information is a listing of what buildings or locations have Backflow Preventors in the drinking water system throughout Mare Island. The report also lists any potential hazards or comments concerning potential hazards and the correcting actions or comments. Also listed is the degree of hazard for each preventor. For further information see the actual Backflow Prevention and Cross-Connection Survey Report.

Building Closure File Information

Building	Check List No.	Def Item No.	Concern Code	Description of Problem	Correction Comment	Prob Corrected	Date of Correction
797	8A	10	30	Asbestos survey	Survey completed	YES	10/3/95
797		2	29	Paint chipped on wall	Survey completed	YES	4/29/97
797	6B2	9,12	6	PCB Survey	Survey completed	YES	2/28/97
797	3D	13	3	Tank - Aboveground Storage (AST)	Removed.	YES	
799	5,8A	8	30	Asbestos survey	Survey completed	YES	8/20/96

PARCEL NO: 01-Q2

BRAC Property Class: 6

North Light Industry - Piers 53-56

Building Closure File Information

Building	Check List No.	Def Item No.	Concern Code	Description of Problem	Correction Comment	Prob Corrected	Date of Correction
799		5	6	PCB Survey	Survey completed	YES	7/25/97
825	7	10	38	Exposed electrical cables inside wall.	Electrical secured to building.	No	4/3/95
825	7	9	99	Water leak.	Info only	No	3/16/95
825	7	5	99	Debris.	Removed.	Yes	5/12/95
825	7	12	41	Fuse box cover missing.	Taped over.	No	4/3/95
825	7	11	41	Electrical outlet cover loose.	Taped over.	No	4/3/95
825	7	3	41	Electrical outlet cover missing.	Taped over.	No	4/3/95
825	4g	4	39	Falling hazard of ceiling tiles. Also Item 7.	Remove ceiling tiles per TWD.	Yes	4/3/95
825	1		37	Building located in middle of pier.	Info only	NA	
825	5a	6, 7	30	Asbestos Survey required. Also Deficient Item E1, and Check List Item 7.	Survey completed. Asbestos survey overtime action	No	8/7/95
825	7	8	28	Fluorescent light fixture uncapitivated.	Addressed and resolved.	YES	4/3/95
825	4j	2	28	Broken windows. Also Item 7.	Boarded up per TWD.	Yes	4/3/95
825	7	1	41	Electrical wires out of conduit.	Addressed and resolved.	YES	4/3/95
953	5a		30	Asbestos Survey Required	Done: No Friable/Damaged	Yes	3/24/95
953	46		34	No Bldg. Number	Info. Only		
953	1		37	Located on Pier 54	Info. Only		
PIER 54			6	PCB Survey	Survey completed	YES	11/25/98
PIER 54			30	Asbestos survey	Cleaned	YES	5/8/98
PIER 54			4	Ordinance survey	Survey completed	YES	11/25/98
PIER 55	5a		30	Asbestos survey required.	Completed	Yes	
PIER 55		10	99	Boiler house.	To be laid up and cleaned.	Yes	10/11/95
PIER 55		7	99	Debris	Info only.	NA	
PIER 55		9	41	Shore power conn unsupported.	Resolved.	Yes	10/11/95
PIER 55		8	41	Electrical box cover plate missing.	Resolved.	Yes	10/11/95
PIER 55		5	41	Broken street lamp. Exposed electrical wires.	Resolved.	Yes	10/11/95
PIER 55		4	41	Shore power conn cover plate broken.	Resolved.	Yes	10/11/95
PIER 55		3	41	Exposed electrical wires.	Resolved.	Yes	10/11/95
PIER 55	1		37	Active 275 Gallon diesel tanks.		Yes	
PIER 55		2	7	1 gallon spill on land.	Info only - covered by spill report.	NA	
PIER 55	3h		7	SPCC for AST.		NA	
PIER 55	7	1	6	Nine transformers	Transformers are dry. Info only.	NA	
PIER 55	6b	2	6	Oil stained pit.	Resolved	Yes	10/11/95
PIER 55	3g		6	PCB annual report required.	Completed	Yes	

MARE ISLAND ENVIRONMENTAL REPORT

Printed: 10/25/00

PARCEL NO: 01-Q2 BRAC Property Class: 6 North Light Industry - Piers 53-56

Building Closure File Information

Building	Check List No.	Def Item No.	Concern Code	Description of Problem	Correction Comment	Prob Corrected	Date of Correction
PIER 55	5b		4	Ordnance		Yes	
PIER 55	3i	1	4	Potential ordnance.		Yes	
PIER 55	3a		2	PA/SI Site.		Yes	
PIER 55		2	41	Electrical cover plate missing.	Resolved.	Yes	10/11/95
PIER 56			6	PCB Survey	Survey completed	YES	11/25/98
PIER 56			30	Asbestos survey	Cleaned	YES	5/8/98
PIER 56			4	Ordnance survey	Survey completed	YES	11/25/98

Parcel Closure File Information

Check List No.	Def Item No.	Concern Code	Description of Problem	Correction Comment	Prob Corrected	Date of Correction
8	3	6	Five transformers @ bldg 797, dry T-565, T-567, T-568, T-512, T-514 & T-516 @ pier 55, dry	Info only	NA	
6	2	3	Two ASTs at bldg 797, dry	Info only	NA	
15	4	31	Three batteries on pallet	Removed	Yes	3/27/95
1	1	99	Bldg 797 and piers 53,54 not on parcel list	Bldg 797 PWC responsibility; Piers 53 & 54 are part of	Yes	3/17/95
		30	Asbestos inspection required	Pier 55 complete	No	

APPENDIX B

SUMMARY OF REMEDIAL INVESTIGATION SITES ADJACENT TO PARCEL XV-A

Remedial Investigation Sites

Two remedial investigation (RI) sites of the 24 Group I IR program sites identified in the basewide EBS are located immediately adjacent to EDC Parcel XV-A (see Figure 4 in this FOST). These RI sites are IR08 and IR17. In addition, the Building 503 and Former North Building Ways sites, which are also located immediately adjacent to or partially within EDC Parcel XV-A, have been investigated as part of the Group II/III Accelerated Study (PRC 1997). The Former North Building Ways site, which extends onto Parcel 01-L1A from adjacent Parcels 01-N and 17-E, has been investigated as an RI site (TtEMI and U&A 1999). The Building 503 site has been combined with IR17 and is being investigated as the IR17 and Building 503 site.

IR08

IR08, a lead-oxide site, is located southwest of Cedar Avenue adjacent to and northwest of Building 629, on Parcels 01-D1 and 01-D2. IR08 is a former outdoor asphalt-paved storage area where lead-acid submarine and forklift batteries awaiting refurbishment or disposal were stored. Based on the presence of stained asphalt surfaces observed at the site, it was suspected that lead and acidic solutions were released from batteries during storage. In addition to the asphalt, potentially contaminated media included underlying soil and groundwater and residue in storm-drain catch basins. The primary suspected contaminant was lead.

Asphalt, soil, storm-drain residue, and groundwater samples were collected during the RI at the site. Based on analytical results, lead and other metals were detected in asphalt, soil, and residue samples at concentrations that exceeded levels protective of human health or the environment. Subsequently, contaminated asphalt, soil, storm-drain residue, and other debris were removed from the site to achieve the established cleanup goal for lead. Based on the results of confirmation sampling, findings from the fate and transport evaluation, and results of the human health risk assessment, existing site conditions are considered protective of human health and the environment. The U.S. Department of the Navy (DON) has proposed that no further action is warranted at IR08, but the regulatory agencies have not yet concurred with this recommendation. The draft final RI report for IR08 was issued in January 2000 (TtEMI 2000b).

IR17 and Building 503 Site

The IR17 and the Building 503 site, which consists of a former paint manufacturing facility, is located primarily west of Walnut Avenue between I and L Streets on Parcels 01-I and 01-J1, and on portions of Parcels 01-B, 01-C, 01-HB, 01-L1B, and 01-L2. The site also extends onto Parcel 17-C, which is not within EDC Parcel XV-A. Paints and varnishes were manufactured at the facility from the 1940s to the mid-1950s. Materials used in the paint manufacturing process, which included oils, solvents, and resins, were stored at two tank farms and were distributed on site by underground pipelines. Metals were also used during the paint manufacturing process. In addition to potential spills and leaks of these materials, other potential sources of contamination included releases from an underground oil/water separator (OWS) and an electrical substation. Primary suspected contaminants were volatile organic compounds (VOC), semivolatile organic compounds (SVOC), total petroleum hydrocarbons (TPH), polychlorinated biphenyls (PCB), and metals.

Soil, sediment, and groundwater samples were collected during the RI at the site. Analytical results indicated that soil and groundwater contamination was found at concentrations that exceeded levels protective of human health or the environment. After removal actions were undertaken at the site, primary contaminants remaining included VOCs, SVOCs, and TPH in soil and groundwater within Parcels 01-B, 01-I and 01-J1; these contaminants are related to past releases from tanks and associated pipelines. Soil and groundwater contamination is also present at isolated locations within Parcels 01-L1B and 01-L2B, although the source of contamination is not known. In the future, groundwater contamination may affect Parcel 01-C. A feasibility study is being prepared to evaluate remedial alternatives to address this contamination. The RI and feasibility study reports for this site are scheduled for release in late 2000 (TtEMI and U&A in progress).

Former North Building Ways Area

The Former North Building Ways Area consists of uplands and tidal wetlands along Mare Island Strait on Parcels 01-N and 17-E (EDC Parcel II) and a portion of Parcel 01-L1A (EDC Parcel XV). The site also includes adjacent offshore areas (intertidal mudflat and open water [Mare Island Strait]). The site was used primarily for assembling ships during World War II. Based on past activities at the site, primary suspected contaminants were oils, metals, and PCBs.

Soil, sediment, and groundwater samples were collected during the RI at the site. Within Parcel 01-L1A, only TPH-motor oil range (TPH-mr) was detected above its screening criterion in one soil sample. Within Parcels 01-N and 17-E (EDC Parcel II), organic and inorganic constituents detected above screening criteria in upland soil and tidal wetland sediment included TPH-mr, TPH-diesel range (TPH-dr), polynuclear aromatic hydrocarbons (primarily benzo[a]pyrene), lead, and nickel. Of these constituents, TPH-mr was most frequently detected above the screening criterion, and most contamination was found in shallow soil. In addition, during the basewide PCB study (TtEMI 2000a) within Parcel 01-N, PCBs were also detected in concrete and shallow soil within and adjacent to onsite Building 643, a former electrical substation. PCBs in concrete were encapsulated and PCBs in soil were excavated (and removed) to the cleanup criterion. TPH-motor oil and diesel range (TPH-mr/dr) was detected above the screening criterion in groundwater samples collected from one location. Based on the results of PCB confirmation sampling, findings from the fate and transport evaluation, and results of the human health risk assessment, existing site conditions are considered protective of human health and the environment within Parcels 01-N and 17-E (EDC Parcel II) and Parcel 01-L1A (EDC Parcel XV-A). Also, contaminants remaining on Parcels 01-N and 17-E are not expected to impact soil or groundwater within Parcel 01-L1A in the future. The DON and regulatory agencies concurred that no further action is warranted at the site (TtEMI 1999). The draft RI report for the Former North Building Ways Area was issued in November 1999 (TtEMI and U&A 1999).

References

- PRC, Environmental Management, Inc (PRC). 1997. Group II and III Accelerated Study Field Sampling and Analysis Plan (FSAP) of Mare Island. August 5.
- Tetra Tech EM Inc. (TtEMI). 1999. January 26, 1999, Group II/III Scoping Meeting Minutes for Investigation Areas A1, A2, and C1, Mare Island, California. January 26.
- TtEMI. 2000a. Final Basewide Polychlorinated Biphenyl (PCB) Confirmation Sampling Summary Report of Mare Island, Confirmation Sampling Program. January 14.
- TtEMI. 2000b. Final Remedial Investigation for IR08. January 23.
- TtEMI and Uribe & Associates (U&A). 1999. Former North Building Ways Area Remedial Investigation for Mare Island. November 12.
- TtEMI and U&A. In progress. Investigation Area A1 Remedial Investigation Report.

APPENDIX C
SUMMARY OF HAZARDOUS WASTE ACCUMULATION AREAS

Hazardous Waste Accumulation Report for Parcel XV-A

Parcel	Building	Relative Location	Zoning	HWA	Status	Date Closed	# of Units	Unit Cap	Unit Cap Units	Unit Desc	Material Stored	Remarks	Location of HWAA	HWAA next to Bldg	Final Closure
01-K	571	Southeast		1082-1	Closed	3/8/95	24	55	gal	Drums	Combustibles and corrosive solids		Inside	Yes	Yes
01-K	571	Inside near corner	21	1082-2	Closed	3/8/95	16	55	gal	Drums	Corrosive solids, combustible liquids, combustible solids		Inside	Yes	Yes
01-Q1	791	Center of West wall inside Bldg 791	24	38-5	Closed	2/15/95	4	55	gal	Drums	Flammable liquids, combustible liquids		Inside	Yes	Yes

Total Number of Accumulation Sites: 3

Notes:

Cap Capacity
Desc Description

APPENDIX D
SUMMARY OF HAZARDOUS MATERIAL STORAGE LOCATIONS

Summary of Hazardous Material Storage Locations

Parcel	Bldg	Code	Location	MSDS Number	Description	Qty	Units
01-J3	617	1015	N/A	M/00221-10678	VERATHANE	16 LB	LB
01-J3	617	1015	N/A	M/00221-6807	SEALING COMPOUND	4.06 LB	LB
01-J3	617	1015	N/A	M/00221-9374	ACTIVATOR, PHOTOGRAPHIC	0.5 LB	LB
01-J3	617	1015	N/A	M/00221-9447	ISOPROPYL ALCOHOL	12 LB	LB
01-J3	617	1015	N/A	M/00221-9448	CLEANING COMPOUND (WINDSHIELD)	10 LB	LB
01-J3	617	1015	N/A	M/00221-9449	GREASE, AUTOMOTIVE, ARTILLERY	0.63 LB	LB
01-J3	617	1015	N/A	M/00221-9495	ENAMEL, WHITE PAINT	0.75 LB	LB
01-J3	617	1015	N/A	M/00221-9498	AEROSOL LAQUER, OLIVE DRAB	0.25 LB	LB
01-J3	617	1015	N/A	M/00221-9511	ANTIQUÉ WHITE PAINT	16 LB	LB
01-J3	617	1015	N/A	M/00221-9734	CLEANING COMPOUND	1 LB	LB
01-J3	617	1015	N/A	M/00221-9936	ADHESIVE, MULTIPURPOSE	4 LB	LB
01-J3	617	1015	N/A	M/00221-10477	EPOXY COATING KIT 150	0 LB	LB
01-J3	617	1015	N/A	M/00221-9035	GREASE AIRCRAFT G-395	0.25 LB	LB
01-J3	617	1015	N/A	M/00221-10665	TCW II OUTBOARD LUBRICANT (OIL)	32 LB	LB
01-J3	617	1015	N/A	M/00221-8672	HI-VIS GEAR CASE LUBE	0 LB	LB
01-J3	617	1015	N/A	M/00221-1212	SURFACE CONDITIONERS	8 LB	LB
01-J3	617	1015	N/A	M/00221-2717	TINTING WHITE PAINT	40 LB	LB
01-J3	617	1015	N/A	M/00221-2903	MET-L-CHEK PENETRAT UP-31	0.19 LB	LB
01-J3	617	1015	N/A	M/00221-3410	LUBRICATING OIL, ENGINE	6 LB	LB
01-J3	617	1015	N/A	M/00221-3782	STAIN LATEX	8 LB	LB
01-J3	617	1015	N/A	M/00221-4403	SILICONE COMPOUND	0.19 LB	LB
01-J3	617	1015	N/A	M/00221-6044	N-BUTYL, ALCOHOL, TECHNICAL	16 LB	LB
01-J3	617	1015	N/A	M/00221-6136	SEALING COMPOUND	0 LB	LB
01-J3	617	1015	N/A	M/00221-6453	XYLENE TECHNICAL	8 LB	LB
01-J3	617	1015	N/A	M/00221-6661	PECAN STAIN	16 LB	LB
01-J3	617	1015	N/A	M/00221-6738	SEALING COMPOUND	0 LB	LB
01-J3	617	1015	N/A	M/00221-6799	WHITE GLOSS PAINT	8 LB	LB
01-J3	617	1015	N/A	M/00221-106	REMOVER SPRAY	0.06 LB	LB
01-J3	617	1015	N/A	M/00221-6416	GREASE, GENERAL PURPOSE	0.09 LB	LB
01-J3	617	1015	N/A	M/00221-317	ANTISEIZE COMPOUND	0.5 LB	LB
01-J3	617	1015	N/A	M/00221-546	ANTISEIZE COMPOUND	0.06 LB	LB
01-J3	617	1015	N/A	M/00221-807	GREASE, SILICONE	0 LB	LB
01-J3	617	1015	N/A	M/00221-1080	GREASE, BEARING (HIGH TEMP.)	0.06 LB	LB
01-J3	617	1015	N/A	M/00221-3744	CAULKING LATEX	0.88 LB	LB
01-J3	617	1015	N/A	M/00221-3779	LUBRICANT, SOLID FILM	0 LB	LB
01-J3	617	1015	N/A	M/00221-4386	GREASE, MOLYBDENUM	0.32 LB	LB
01-J3	617	1015	N/A	M/00221-4430	FLUX SOLDERING	0 LB	LB
01-J3	617	1015	N/A	M/00221-4642	BASE B-PAINT (BROWN)	16 LB	LB
01-J3	617	1015	N/A	M/00221-4958	HYDRAULIC FLUID, AUTO TRANS	1 LB	LB
01-J3	617	1015	N/A	M/00221-5195	EPOXY COATING KIT #151	0 LB	LB
01-J3	617	1015	N/A	M/00221-9089	JOINT COMPOUND	16 LB	LB

Summary of Hazardous Material Storage Locations

Parcel	Bldg	Code	Location	MSDS Number	Description	Qty	Units
01-J3	617	1015	N/A	M/00221-6411	ALCOHOL DENATURED TYPE III	0.1 LB	LB
01-J3	617	1015	N/A	M/00221-2904	MET-L-CHEK DEVELOPER DC10	0.13 LB	LB
01-J3	617	1015	N/A	M/00221-6449	DETERGENT, GENERAL PURPOSE	0 LB	LB
01-J3	617	1015	N/A	M/00221-6497	ENAMEL, GLOSS, RED PAINT	4 LB	LB
01-J3	617	1015	N/A	M/00221-6534	ISOPROPYL ALCOHOL, TECH	0 LB	LB
01-J3	617	1015	N/A	M/00221-6704	EXTERIOR ACRYLIC, BUFF COLOR	40 LB	LB
01-J3	617	1015	N/A	M/00221-7037	GREASE, GENERAL PURPOSE	17 LB	LB
01-J3	617	1015	N/A	M/00221-7121	CAULKING COMPOUND	0.88 LB	LB
01-J3	617	1015	N/A	M/00221-7485	GLASS CLEANER	0.75 LB	LB
01-J3	617	1015	N/A	M/00221-7672	GREASE, BALL & ROLLER BEARING	4 LB	LB
01-J3	617	1015	N/A	M/00221-8109	DERUSTO PAINT	0 LB	LB
01-J3	617	1015	N/A	M/00221-8286	DETERGENT, GENERAL PURPOSE	0.31 LB	LB
01-J3	617	1015	N/A	M/00221-8352	CORROSION PREVENTIVE COMPOUND	0 LB	LB
01-J3	617	1015	N/A	M/00221-8672	HI-VIS GEAR CASE LUB	10 LB	LB
01-J3	617	1015	N/A	M/00221-6239	GREASE, PLUG & VALVE	0.13 LB	LB
01-J3	617	1015	N/A	M/00221-9450	PENETRATING FLUID	0.25 LB	LB
01-J3	617	1015	N/A	M/00221-6947	LUBRICATING OIL, GENERAL PURPOSE	40 LB	LB
01-J3	617	1015	N/A	M/00221-9955	MINWAX, STAIN	8 LB	LB
01-J3	617	1015	N/A	M/00221-9573	DENT FILLER PTA	0 LB	LB
01-J3	617	1015	N/A	M/00221-896	WIRE PULLING LUBRICANT	2 LB	LB
01-J3	617	1015	N/A	M/00221-8879	WHITE BASE PAINT	8 LB	LB
01-J3	617	1015	N/A	M/00221-8733	NEOPRENE GLUE KIT	0 LB	LB
01-J3	617	1015	N/A	M/00221-8731	WAX AUTOMOBILE	3 LB	LB
01-J3	617	1015	N/A	M/00221-8575	LUBRICATING OIL, GENERAL PURPOSE	0.94 LB	LB
01-J3	617	1015	N/A	M/00221-813	SANDING SEALER	16 LB	LB
01-J3	617	1015	N/A	M/00221-8070	PRIMER COATING WHITE	4 LB	LB
01-J3	617	1015	N/A	M/00221-7464	PENETRATING OIL	2 LB	LB
01-J3	617	1015	N/A	M/00221-2902	MET-L-CHEK REMOVER ES9	0.13 LB	LB
01-K	571	1082-01	N/A	M/00221-09307	SEALTIGHT INTEX	1280 LB	LB
01-K	571	1082-01	N/A	M/00221-08918	EPOXY RESIN HI-7012 PART A	1280 LB	LB
01-K	571	1082-3	BU	M/00221-10339	EXTERIOR WOOD FINISH ALL COLORS	64 LB	LB
01-K	571	1082-3	BU	M/00221-07214	MOLDKOTE 1914A	6 LB	LB
01-K	571	1082-2	CE/UT SHOP	M/00221-10559	HYDRAULIC FLUID	3520 LB	LB
01-K	571	1082-2	CE/UT SHOP	M/00221-10421	MIL-L-2105C AM 2 GRADE 80W/90	3520 LB	LB
01-K	571	1082-2	CE/UT SHOP	M/00221-07107	OE-10 (MC 1092) LUBRICATING OIL, ENGINE	3520 LB	LB
01-K	571	1082-01	N/A	M/00221-10769	HYDRO-CURE CLEAR CC-309-1W	320 LB	LB
01-K	571	1082-01	N/A	M/00221-06335	GREASE, AUTOMOTIVE & ARTILLERY	1920 LB	LB
01-K	571	1082-01	N/A	M/00221-03429	USG READY-MIXED JOINT COMPOUND	384 LB	LB
01-K	571	1082-01	N/A	M/00221-04409	ANTIFREEZE, ETHYLENE GLYCOL	3520 LB	LB
01-K	571	1082-01	N/A	M/00221-00887	CRS CABLE CLEAN AEROSOL	18.24 LB	LB
01-K	571	1082-2	CE/UT SHOP	M/00221-04233	CITRIKLEEN	1280 LB	LB

Summary of Hazardous Material Storage Locations

Parcel	Bldg	Code	Location	MSDS Number	Description	Qty	Units
01-K	571	1082-01	N/A	M/00221-08052	SCOTCH-KOTE BRAND ELECTRICAL COATING	19.2 LB	LB
01-K	577	672-0334	OUT. XFMR ENC., N.E.	M/00221-03012	NOVOID X G&W 222	128 LB	LB
01-K	577	672-0334	OUT. XFMR ENC., N.E.	M/00221-09907	NOVOID X	1280 LB	LB
01-K	577	672-0334	OUT. XFMR ENC., N.E.	M/00221-08246	CO-21 INSULATING COMPOUND	128 LB	LB
01-K	577	672-0334	OUT. XFMR ENC., N.E.	M/00221-06670	GULF PETROLATUM AMBER	50 LB	LB
01-K	577	672-0334	OUT. XFMR ENC., N.E.	M/00221-03010	NOVOID A (G&W SPEC 220)	128 LB	LB
01-K	577	672-0333	OUT. EAST XFMR ENC.,	M/00221-01162	RTemp FLUID	2880 LB	LB
01-K	577	672-0333	OUT. EAST XFMR ENC.,	M/00221-05491	INSULATING OIL	16000 LB	LB
01-K	577	672-0334	OUT. XFMR ENC., N.E.	M/00221-08245	MAC K TYPE OIL-PACKED TAPE	192 LB	LB
01-M	755	1162-3	F2, N	M/00221-00373	SCOTCH BRAND 6065 SPRA-MOUNT ADHESIVE	19.84 LB	LB
01-M	755	1162-3	F2, N	M/00221-00615	BESTLINE SOLVENT & THINNER (COMM. HEXANE)	128 LB	LB
01-M	755	1162-3	F2, N	M/00221-01239	DEVELOPER FLUID CONTAINED IN FILM POD	64 LB	LB
01-M	755	1162-3	F2, N	M/00221-07825	GLASS CLEANER, REGULAR	64 LB	LB
01-M	755	1162-3	F2, N	M/00221-07858	WD-40 SPRAY CANS	1.92 LB	LB
01-P	989	460-34	NE SIDE IN	M/00221-10003	2 INDUSTRIAL STRENGTH LUBE	3.84 LB	LB
01-P	989	460-34	NE SIDE IN	M/00221-10014	ACETONE	5.12 LB	LB
01-P	989	460-34	NE SIDE IN	M/00221-10016	FORMULA II HAND CLEANER WILANOLIN	1.6 LB	LB
01-P	989	460-34	NE SIDE IN	M/00221-10024	GOLDMIST AEROSOL	0.64 LB	LB
01-P	989	460-34	NE SIDE IN	M/00221-10076	COLIBRI GAS REFILL	0.54 LB	LB
01-P	989	460-34	NE SIDE IN	M/00221-10135	BLACK FLAG FLYING INSECT KILLER REG SCEN	1.92 LB	LB
01-P	989	460-34	NE SIDE IN	M/00221-10150	CONTACT KLEEN	0.64 LB	LB
01-P	989	460-34	NE SIDE IN	M/00221-10165	WELDWOOD CONTACT CEMENT (REG)	0.48 LB	LB
01-P	989	460-34	NE SIDE IN	M/00221-07858	WD-40 SPRAY CANS	1.44 LB	LB
01-P	989	460-34	NE SIDE IN	M/00221-03098	AEROSOL SPRAY PAINTS, LEAD FREE COLORS	1.92 LB	LB
01-P	989	460-34	NE SIDE IN	M/00221-10204	TF SOLVENT C880,C1680,C2480	3.84 LB	LB
01-P	989	460-33	W. SIDE, INTERIOR	M/00221-03684	SOLDER FLUX REMOVER #22-270	1.92 LB	LB
01-P	989	460-33	W. SIDE, INTERIOR	M/00221-04188	DUST OFF (AEROSOL CAN)	1.18 LB	LB
01-P	989	460-33	W. SIDE, INTERIOR	M/00221-04390	ISOPROPYL ALCOHOL	2.56 LB	LB
01-P	989	460-33	W. SIDE, INTERIOR	M/00221-05642	GRAMOLIN R-5 SPRAY	2.56 LB	LB
01-P	989	460-33	W. SIDE, INTERIOR	M/00221-06372	LENS AND MIRROR CLEANER, LENS AND PLATEN	2.56 LB	LB
01-P	989	460-33	W. SIDE, INTERIOR	M/00221-08406	DPL LUBRICANT CD-14	0.16 LB	LB
01-P	989	460-33	W. SIDE, INTERIOR	M/00221-08407	STATIC FREE C1600	0.16 LB	LB
01-P	989	460-33	W. SIDE, INTERIOR	M/00221-08408	70 PSI CM15	2.56 LB	LB
01-P	989	460-33	W. SIDE, INTERIOR	M/00221-10135	BLACK FLAG FLYING INSECT KILLER REG SCENT	0.8 LB	LB
01-P	989	460-34	NE SIDE IN	M/00221-00615	BESTLINE SOLVENT & THINNER (COMM. HEXANE)	64 LB	LB
01-P	989	460-34	NE SIDE IN	M/00221-01043	FORMULA 409 SPRAY AND WIPE	10.24 LB	LB
01-P	989	460-34	NE SIDE IN	M/00221-02163	FREEZ-IT (C-150)	2.4 LB	LB
01-P	989	460-34	NE SIDE IN	M/00221-08405	ELECTRO-WASH C100,C500,C5500	3.84 LB	LB
01-P	989	460-34	NE SIDE IN	M/00221-08401	FLUX-OFF NR C891,C1691,C2491	3.84 LB	LB
01-P	989	460-34	NE SIDE IN	M/00221-09997	SOLDER FLUX (ALL METALS)	0.32 LB	LB
01-P	989	460-34	NE SIDE IN	M/00221-09996	FREEZE MIST II (ANTI-STATIC)	1.6 LB	LB

Summary of Hazardous Material Storage Locations

Parcel	Bldg	Code	Location	MSDS Number	Description	Qty	Units
01-P	989	460-34	NE SIDE IN	M/00221-09995	NICKEL PAINT	0.32 LB	LB
01-P	989	460-34	NE SIDE IN	M/00221-09994	REG HEAVY DUTY STATICIDE	0.32 LB	LB
01-P	989	460-34	NE SIDE IN	M/00221-09989	DURABOND SPACKLING PUTTY PASTE R/U	1.28 LB	LB
01-P	989	460-34	NE SIDE IN	M/00221-02753	LIQUID WRENCH	1.28 LB	LB
01-P	989	460-34	NE SIDE IN	M/00221-09983	ETHANOL (DENATURED)	2.56 LB	LB
01-P	989	460-34	NE SIDE IN	M/00221-02788	GRADE A SEALANT	2.56 LB	LB
01-P	989	460-34	NE SIDE IN	M/00221-07620	LPS 3 HEAVY DUTY RUST INHIBITOR	0.96 LB	LB
01-P	989	460-34	NE SIDE IN	M/00221-07399	GRADE AA WELD SEALANT	1.92 LB	LB
01-P	989	460-34	NE SIDE IN	M/00221-05642	CRAMOLIN R-5 SPRAY	2.88 LB	LB
01-P	989	460-34	NE SIDE IN	M/00221-05000	TF SOLVENT #11001, 11003, 31001, 31027,	3.2 LB	LB
01-P	989	460-34	NE SIDE IN	M/00221-04390	ISOPROPYL ALCOHOL	2.56 LB	LB
01-P	989	460-34	NE SIDE IN	M/00221-10001	PAINT THINNER	5.12 LB	LB
01-P	989	460-34	NE SIDE IN	M/00221-09985	LIGHTER FLUID FOR CHARCOAL BRIQUETS	5.12 LB	LB

Total Number of Hazardous Material Storage Buildings: 5

Total Number of Hazardous Material Storage Items: 136

APPENDIX E
SUMMARY OF SPILL HISTORY

Spill History for Parcel XV-A

Parcel No	Buildin g	HWCN	Relative Location	Substance	Quantity Released	Units	Spill Date	Released To	No of Spills	Comments	Cross Road	Relative Direction
01-K	571			Oil		unk	6/1/89	land				
01-O	655	0242-92		Oil	1	gal	5/8/92	Soil				S
01-O	655		Dumpster D-40-17	Transmission Fluid	2	gal	4/24/95	Dumpster, soil	1	Unknown personnel dumped 4 each 1/2 gallon milk carton full of transmission fluid into dumpster D-40-17. Fluid leaked on to soil. (No leakage into storm drain.)		E
01-Q1	793			Oil	0.5	gal	3/15/94	trailer unit		Transformer inside of remote communication trailer leaked oily substance inside trailer unit. (No potential leakage to storm drain.)		N

Total Number of Spills 4

APPENDIX F
SUMMARY OF POLYCHLORINATED BIPHENYL-CONTAINING TRANSFORMERS

PCB Report for Parcel XV-A

PCB Report for Parcel Number: 01-E

Parcel No.	Building	Transformer	Type Equipment	PCB (ppm)	Status	Relative Location	Other	PCB Code	Leaker	Oil (Gals)	Serial No	Comment
01-E	991	T-0079	Transformer	500	Removed	Causeway St	Outside	R	N	90	N/A	Removed

PCB Report for Parcel Number: 01-F

Parcel No.	Building	Transformer	Type Equipment	PCB (ppm)	Status	Relative Location	Other	PCB Code	Leaker	Oil (Gals)	Serial No	Comment
01-F	999	T-1851	Transformer	0	Active	Causeway	Outside	=	N	200	1943226	"Non-PCB" per manufacturer
01-F	1013	T-1850	Transformer	0	Active	Golf Course Dr	School Com	=	N	240	870490-A1	"Non-PCB" per manufacturer

PCB Report for Parcel Number: 01-G

Parcel No.	Building	Transformer	Type Equipment	PCB (ppm)	Status	Relative Location	Other	PCB Code	Leaker	Oil (Gals)	Serial No	Comment
01-G	897	RAID-127	Rocker Arm	1	Active	Cedar & I St.	East	<	N	130		
01-G	897	T-0073	Transformer	4	Active	Walnut Av	Navy-Exchange	=	N	84	W-248533	

PCB Report for Parcel Number: 01-J2A

Parcel No.	Building	Transformer	Type Equipment	PCB (ppm)	Status	Relative Location	Other	PCB Code	Leaker	Oil (Gals)	Serial No	Comment
01-J2	767	T-1949	Transformer	0	Active	Cedar St & L	On Corner	=	N	114	N/A	"Non-PCB" per manufacturer

PCB Report for Parcel Number: 01-J3

Parcel No.	Building	Transformer	Type Equipment	PCB (ppm)	Status	Relative Location	Other	PCB Code	Leaker	Oil (Gals)	Serial No	Comment
01-J3	617	T-0698	Transformer	9.12	Removed	Cedar St-B615	North gate	R	N	50	6628420	
01-J3	617	T-0699	Transformer	16	Removed	Cedar St-B615	North gate	R	N	50	5779193	
01-J3	777	T-1874	Transformer	0	Active	Cedar St	Station N	=	N	3960	71970284	"Non-PCB" per manufacturer

PCB Report for Parcel Number: 01-J4

Parcel No.	Building	Transformer	Type Equipment	PCB (ppm)	Status	Relative Location	Other	PCB Code	Leaker	Oil (Gals)	Serial No	Comment
01-J4	547	T-0919	Transformer	2.35	Active	Railroad Av	Outside pole	=	N	8	2679856	
01-J4	547	T-0920	Transformer	1.38	Active	Railroad Av	Outside pole	=	N	8	267984	
01-J4	547	T-0921	Transformer	1.2	Active	Railroad Av	Outside pole	=	N	8	26798544	
01-J4	547	T-1627	Transformer	4	Active	Highway 37	Pole	=	N	15	736536-67	
01-J4	653	T-0922	Transformer	1	Removed	Walnut Av	Pump Station	R	N	9	2973643	Removed
01-J4	653	T-0923	Transformer	1	Removed	Walnut Av	Pump Station	R	N	9	2973642	Removed
01-J4	653	T-0924	Transformer	1	Removed	Walnut Av	Pump Station	R	N	9	2970709	Removed
01-J4	653	T-1070	Transformer	1	Active	Walnut Av	Pump Station	<	N	18	3271505	
01-J4	653	T-1071	Transformer	1	Active	Walnut Av	Pump Station	<	N	18	3271504	
01-J4	653	T-1072	Transformer	1	Active	Walnut Av	Pump Station	<	N	18	3271503	
01-J4	1021	T-0773	Transformer	16	Removed	California B609	Station	R	N	96	2963282	
01-J4	1021	T-0774	Transformer	19	Removed	California B609	Station	R	N	96	2960852	
01-J4	1021	T-0775	Transformer	47	Removed	California B609	Station	R	N	96	2960853	
01-J4	1021	T-1080	Transformer	0.03	Active	N Street (B621)	Outside	=	N	27	70319	North Ball Fields
01-J4	1021	T-1081	Transformer	0.03	Active	N Street (B621)	Outside	=	N	27	70320	North Ball Fields
01-J4	1021	T-1082	Transformer	0.03	Active	N Street (B621)	Outside	=	N	27	70321	North Ball Fields

PCB Report for Parcel Number: 01-K

Parcel No.	Building	Transformer	Type Equipment	PCB (ppm)	Status	Relative Location	Other	PCB Code	Leaker	Oil (Gals)	Serial No	Comment
01-K	571	T-0107	Transformer	0.28	Removed	Railroad Av	Inside	R	N	30	N/A	
01-K	571	T-0730	Transformer	1	Removed	Railroad Av	Warehouse	R	N	50	5779191	In storage
01-K	571	T-0900	Transformer	500	Removed	Railroad Av	Inside	R	N	53	2977984	Removed
01-K	571	T-0901	Transformer	500	Removed	Railroad Av	Inside	R	N	53	2977651	Removed
01-K	571	T-0902	Transformer	500	Removed	Railroad Av	Inside	R	N	53	2977985	Removed
01-K	571	T-1472	Transformer	0	Removed	Railroad Av	Warehouse	R	N	0	2987362	Dry Transformer stored at Bldg 571
01-K	571	T-1646	Transformer	1	Removed	Railroad Av	Warehouse	R	N	167	TND 0116	Liquidated to base closure
01-K	571	T-1858	Transformer	0	Removed	Railroad Av	Warehouse	R	N	0	89-1-18416	Dry Transformer
01-K	571	T-1912	Transformer	0	Active	Railroad Av	Inside	?	N	0	N/A	
01-K	571	T-1913	Transformer	0	Active	Railroad Av	Inside	D	N	0	NP475A542AAPLIG	
01-K	571	T-1914	Transformer	0	Active	Railroad Av	Inside	=	N	0	B9-4-34557	"Non-PCB" per manufacturer
01-K	571	T-1972	Transformer	0	Active	Railroad Av	Inside	=	N	0	N/A	"Non-PCB" per manufacturer

PCB Report for Parcel XV-A

Parcel No.	Building	Transformer	Type	Equipment	PCB (ppm)	Status	Relative Location	Other	PCB Code	Leaker	Oil (Gals)	Serial No	Comment
01-K	577	RA-125	Transformer	Rocker Arm	1	Active	Station M		<		130		
PCB Report for Parcel Number: 01-K													
01-K	577	T-0494	Transformer	Railroad Av	0	Removed	Railroad Av	Warehouse	R	N	36	2308	
01-K	577	T-0495	Transformer	Railroad Av	0	Removed	Railroad Av	Warehouse	R	N	35	2309	
01-K	577	T-0892	Transformer	Railroad Av	131.75	Removed	Railroad Av	Inside	R	Y	175	6821134	Removed
01-K	577	T-0893	Transformer	Railroad Av	81.27	Removed	Railroad Av	Inside	R	Y	72	6582127	Removed
01-K	577	T-0854	Transformer	Railroad Av	0.21	Removed	Railroad Av	Inside	R	Y	1452	1784596	In storage
01-K	577	T-1021	Transformer	Railroad Av	500	Removed	Railroad Av	Station M	R	Y	580	7081394	Removed
01-K	577	T-1959	Transformer	Railroad Av	0	Active	Railroad Av	Station M	=	N	276	N/A	"Non-PCB" per manufacturer
01-K	577	T-1973	Transformer	Railroad Av	0	Active	Railroad Av	Inside	D	N	0	N/A	

PCB Report for Parcel Number: 01-L1A

Parcel No.	Building	Transformer	Type	Equipment	PCB (ppm)	Status	Relative Location	Other	PCB Code	Leaker	Oil (Gals)	Serial No	Comment
01-L1	857	RA-129	Transformer	Rocker Arm	1	Active	RR & K St.	Southwest	<		130		

PCB Report for Parcel Number: 01-M

Parcel No.	Building	Transformer	Type	Equipment	PCB (ppm)	Status	Relative Location	Other	PCB Code	Leaker	Oil (Gals)	Serial No	Comment
01-M	755	T-1093	Transformer	Walnut Av	2	Removed	Railroad Av	Outside	R	Y	132	72014	Removed
01-M	755	T-1975	Transformer	Railroad Av	0	Active	Railroad Av	Outside	=	N	0	N/A	"Non-PCB" per manufacturer

PCB Report for Parcel Number: 01-O

Parcel No.	Building	Transformer	Type	Equipment	PCB (ppm)	Status	Relative Location	Other	PCB Code	Leaker	Oil (Gals)	Serial No	Comment
01-O	655	T-0437	Transformer	Railroad Av	0	Removed	Railroad Av	Outside	R	Y	72	46931	Removed
01-O	655	T-0438	Transformer	Railroad Av	2	Removed	Railroad Av	Outside	R	Y	72	46932	Removed
01-O	655	T-0439	Transformer	Railroad Av	2	Removed	Railroad Av	Outside	R	Y	72	46933	Removed
01-O	605	T-1953	Transformer	Railroad Av	0	Active	Railroad Av	Outside	=	N	163	N/A	"Non-PCB" per manufacturer

PCB Report for Parcel Number: 01-P

Parcel No.	Building	Transformer	Type	Equipment	PCB (ppm)	Status	Relative Location	Other	PCB Code	Leaker	Oil (Gals)	Serial No	Comment
01-P	989	T-0862	Transformer	Mesa Rd	500	Removed	Railroad Av	Suisun Av	R	N	42	6901716	Removed
01-P	989	T-1590	Transformer	Railroad Av	0	Active	Railroad Av	North gate	D	N	0	38415-H1	
01-P	989	T-1974	Transformer	Railroad Av	0	Active	Railroad Av	Outside	=	N	0	N/A	"Non-PCB" per manufacturer

PCB Report for Parcel Number: 01-Q1

Parcel No.	Building	Transformer	Type	Equipment	PCB (ppm)	Status	Relative Location	Other	PCB Code	Leaker	Oil (Gals)	Serial No	Comment
01-Q1	791	T-0127	Transformer	Q St. P-55	1	Active	Q St. P-55	Sewage Station	<	Y	5	N/A	
01-Q1	791	T-0128	Transformer	Q St. P-55	1.2	Active	Q St. P-55	Sewage Station	=	Y	5	N/A	
01-Q1	791	T-0129	Transformer	Q St. P-55	1.2	Active	Q St. P-55	Sewage Station	=	Y	5	N/A	
01-Q1	791	T-1172	Transformer	Pier 55	0.33	Active	Pier 55	North gate	=	N	20	8004Byera	
01-Q1	791	T-1173	Transformer	Pier 55	7.12	Active	Pier 55	North gate	=	N	20	80046 yera	
01-Q1	791	T-1174	Transformer	Pier 55	6.31	Active	Pier 55	North gate	=	N	20	80045 yera	
01-Q1	793	T-1721	Transformer	Waterfront Av	1	Active	Waterfront Av	Pole	<	N	20	74-A-360925	
01-Q1	793	T-1722	Transformer	Waterfront Av	1	Active	Waterfront Av	Pole	<	N	20	74-A-360926	
01-Q1	793	T-1723	Transformer	Waterfront Av	1	Active	Waterfront Av	Pole	<	N	20	74-A-360927	

Total Number of PCB Items in Parcel XV: 64

Notes:

- N No
- PCB Polychlorinated biphenyl
- ppm parts per million
- R PCB level indicated before removal/replacement/refilling of original unit
- Y Yes
- = PCB level has been verified by sampling
- < PCB level is less than (usually 1)
- > PCB level is greater than (usually 500)
- ? PCB is not verified (usually refers to zero level)

APPENDIX G
SUMMARY OF UNDERGROUND STORAGE TANKS, ABOVEGROUND STORAGE
TANKS, AND OIL/WATER SEPARATORS

UST/AST/OWS Tank Report for Parcel XV-A

Parcel No.	Bldg	Tank No.	Location	Type	Physical Status	Clsd	Contents	Remarks*	Removed Sites	IR	Volume (gal)	Units	Construction
01-F	999			UST	Removed	Yes	Heating Fuel Oil/Diesel	CRWQCB ltr dated December 7, 1995 for closure	Jul-90		6000	gal	Fiberglass
01-K	571	2	NE side (car wash)		Inactive	No	Sediment	Reclassified as per agreement w/ RWQCB V. Christian			50	gal	Concrete
01-K	571	S	East of bldg		Inactive	No	Pickling solvents				30000	gal	Concrete
01-K	571	T-1	NE side (car wash)	OWS	Inactive	No	Oil, Water, Sediment				1250	gal	Concrete
01-K	577	S		UST	Removed	Yes	Oily Water/Waste Oil	CRWQCB ltr for closure 2129.2011(MBR) dated June 5, 1998	08/23/90		2000	gal	Steel
01-O	655			UST	Not Located	No		REC SRCH & GPR POS, SOFT DIG NEG, No UST found. This is the same item as 0655-1.			2000		
01-O	655	1		UST	Not Located	No		REC SRCH NEG, Field search POS, suspect fill pipe & two valves, Soft dig neg, No UST found. This is the same item as 0655.					
Total Number of Tanks 7													

* DTSC concurrence on UST closures provided in IA A1 Remedial Action Plan

APPENDIX H
ADJACENT PARCEL REPORTS

MARE ISLAND ENVIRONMENTAL REPORT

Printed: 10/25/00

PARCEL NO: 02-D3 BRAC Property Class: 6 Neighborhood Center - Police Station and Small Shops

Parcel Usage

Planned Use Commercial
Current Uses: Housing and community facilities
Former Uses: 1918: swamp; 1931: dumps; 1944: buildings 749 and 729; 1960: building 761.

Topography/Geology/Soil/Water/Ecological

Flat. Bay mud (Qbm)/Made land (Engineered fill)(Ma).
Estimated Area: 4.1273 Acres Elevation: 12 ft
Ground Water: Old gas station in parcel 02-D2 Archeological: None
Water Level: 7- 8 ft. Water Flow Direction: Northwest Ecological: None

Environmental Summary

Table with 2 columns: Category and Value. Categories include Adjacent Parcels, Buildings/Sites, Utilities by Parcels, IR Sites, Radon Survey, Closed Buildings, No. of PA/SIParcels, Tanks/OWSs, PCB Contaminated Equipm, Ordnance Locations, Asbestos Sites, Closed Building Items, Radiological Surveys, Number of Spills, Haz Waste Accumulation Sites, Haz Waste Storage Sites, Backflow Prevention Items, Haz Waste Treatment Facilities, Historical Resources, Lead Paint Survey, and Number of Parcel Closure Items.

Rationale for Initially Assigning BRAC Property Class - 7

Concerns for man made landfill and potential groundwater contamination from Parcel 02-D2. Concern for proximity to IR-1 and IR-18 and incomplete groundwater information.

Rationale for Revising BRAC Property Class

Area has been evaluated.

Adjacent Parcel Information

Table with 3 columns: Direction, Adjacent Parcel No., Prop Class, and Comment. Rows include East 02-D5 and North 01-E.

Former Mare Island Naval Shipyard EBS Supplement

Parcel No: 02-D3

DS.0292.14790

PARCEL NO: 02-D3

BRAC Property Class: 6

Neighborhood Center - Police Station and Small Shops

Adjacent Parcel Information

Direction	Adjacent Parcel No.	Prop Class	COMMENT
North	01-F	2-4	Parcels are separated by "G" Street.
South	02-D2	6	Parcels are separated by "E" Street.
West	17-C	6	Wetlands area (old dredge ponds). Parcels are separated by Cedar Avenue.

Building/Site Descriptive Data

Building	Map Quad	Type	Name	Hist. Distr.	Remarks	Year Built	Year Demo	Total SqFt	Bldg Resp	Building Closure Date
729	I-2	P	Police Station	Yes		1944		5,530	SY	
749	I-2	P	Navy Relief Thrift Shop	Yes		1944		2,706	SY	6/1/95
761	I-2	P	Package Store/Mini Mart	Yes		1944		6,025	SY	9/19/94

Building/Site Environmental Data Summary

Building	IR Sites	PA_SI Sites	HMS (#)	HW AS (Op)	HW AS (Cl)	HW TS	Haz Vis-ual	PCB (Rm)	PCB (IP)	Ord (NR)	Spills	ASB (Tot)	ASB (Rd)	UST (Rm)	UST (IP)	AST (Rm)	AST (IP)	OWS (Rm)	OWS (IP)	Lead Paint	MNPP	GRAM	Ra-don Srvy	
729							2					17	17											Y
749							2					8	8											
761							2				1	10												Y

Note: (#) = no. of sites/locations/spills/etc.; (Op) = # open; (Cl) = # closed; (Rm) = # removed; (IP) = # in place and/or suspect; (Tot) - Total # of potential Asbestos sites; (Rd) - # Remediations required of Damaged and Friable asbestos sites; (NR) = Not Released for ordinance

Building/Site Uses/Concerns/BRAC Class Rationale

Building	Current Uses	Former Uses	Remark	Concern/BRAC Rationale
761			Location: West of Oak Ave., south of "G" Street	
749			Location: West of Oak Ave., north of "E" St., north of Bldg 729	
729			Location: West of Oak Ave., north of "E" Street	

HISTORIC CONTRIBUTING BUILDINGS / STRUCTURES

Entity	Name / Title	Map Quad	Year Built
749	Navy Relief Thrift Shop	I-2	1944
761	Package Store/Mini Mart	I-2	1944

Utilities Summary

PARCEL NO: 02-D3 **BRAC Property Class: 6** **Neighborhood Center - Police Station and Small Shops**

Identified Utilities	Description	PA/SI No.	IRP No.
ELECTRICAL			
FRESH WATER			
SANITARY SEWER		SWMU-106	
STEAM	SUPPLY AND DISTRIBUTION		
STORM SEWER		SWMU-093	

Preliminary Assessment / Site Inspection Sites

PA/SI No.	CTO No.	Description
SWMU-106		SANITARY SEWER SYSTEM
SWMU-093		STORM SEWER SYSTEM

Ordnance Storage Locations

Building	Name / Function	Concern / Status	Released from Ordnance Concerns
729	Police Station - Ready Service Magazine	Ready Service Magazine, Occupied	Yes

Spill History

Building	HWCN	Relative Direction	Location	Substance	Quantity	Date	Released To	Comments
761				Gas	0.1 gal	11/1/88	land	

Radon Survey / Assessment Summary

Building	RSS Reading	RSS Detector	RAS Test Results	RAS No. of Detectors	Notes
729			0.1/0.1	1	
761			0.1/0.1	4	

Asbestos Survey Summary

Building	Homo Area	ACIM	Description	Location	Qty	Rating	Fri-able	Condi-tion	% Dam- age	Recommended Action	Comments	Status
729	H-1	A	Sheet Flooring, Tan And Brown	Room 102-107, 109-115, 117, 118, 123, 125-127, 129, 130, 131, 133	1600 sf	D-18	Non	D	3	O&M	Sheet flooring had tears and missing pieces.	N
729	H-2	A	Floor Tile, 12" Tan And Orange	Room 101, 116, 124	267 sf	PD-12	Non	ND	0	O&M		N
729	H-3	A	Floor Tile, 12" Beige And Tan	Room 101	33 sf	PD-12	Non	ND	0	O&M		N
729	H-4	A	Floor Tile, 12" Green Marble	Room 101	44 sf	PD-12	Non	ND	0	O&M		N

PARCEL NO: 02-D3

BRAC Property Class: 6

Neighborhood Center - Police Station and Small Shops

Asbestos Survey Summary

Building	Homo Area	ACM	Description	Location	Qty	Rating	Fri-able	Con-dition	% Dam-age	Recommended Action	Comments	Status
729	H-5	A	Coving Mastic	Room 101-120,122-128,130,131	183 sf	D-18	Non	D	2	O&M	Coving was peeling and missing exposing mastic.	N
729	H-8	A	Grout, White	Room 132	90 sf	D-16	Non	D	5	O&M	Grout had cracks and was missing.	N
729	H-9	A	Sheet Flooring, Plum	Room 128	60 sf	PD-11	Non	ND	0	O&M		N
729	H-14	A	Floor Tile, 12" Brown And Grey Marble	Room 108	195 sf	PD-12	Non	ND	0	O&M		N
729	H-21	A	Roofing, Tar And Gravel	Roof	5300 sf	PD-14	Non	ND	0	O&M		N
729	H-22	Y	Ceiling, Sprayed-on W/ Glitter	Room 132	204 sf	PD-24	Mod	ND	0	O&M		N
729	H-23	A	Floor Tile, 12" Blue	Room 122	60 sf	PD-12	Non	ND	0	O&M		N
729	H-26	Y	TSI, 6" Pipe	Crawl Space	130 lf	SD-62	High	SD	50	Remove/Repair/O&M	TSI had torn and loose wrapping exposing TSI on ends. Portions had fallen on the ground. TSI on the ground must be removed.	C
729	H-28	Y	Wallboard, Heater Backing	Room 105	6 sf	PD-26	Low	ND	0	O&M		N
729	H-29	Y	TSI, 6" Fitting	Crawl Space	15 lf	SD-62	High	SD	25	Remove/Repair/O&M	TSI had torn and loose wrapping exposing TSI on ends. Portions had fallen on the ground. TSI on the ground must be removed.	C
729	H-30	Y	TSI, 3" Pipe	Crawl Space	215 lf	SD-62	High	SD	75	Remove/Repair/O&M	TSI had torn and loose wrapping exposing TSI on ends. Portions had fallen on the ground. TSI on the ground must be removed.	C
729	H-31	Y	TSI, 3" Fitting	Crawl Space	32 lf	SD-62	High	SD	50	Remove/Repair/O&M	TSI had torn and loose wrapping exposing TSI on ends. Portions had fallen on the ground. TSI on the ground must be removed.	C
729	H-33	Y	TSI, 4" Fitting	Crawl Space	10 lf	SD-57	High	SD	75	Remove/Repair/O&M	TSI had torn and loose wrapping exposing TSI on ends. Portions had fallen on the ground. TSI on the ground must be removed.	C
749	H-1	A	Roofing, Tar And Gravel	Roof	2700 sf	PD-3	Non	ND	0	O&M		N
749	H-2	Y	TSI, 3" Pipe	Room 101, 102, 104 and Crawl Space	80 lf	D-10	Low	D	1	Repair/O&M	TSI had ends exposed and gouges. Damage was in Room 101.	C
749	H-3	Y	TSI, 3" Fitting	Crawl Space	4 lf	PD-7	Low	ND	0	O&M		N
749	H-4	Y	TSI, 4" Pipe	Crawl Space	40 lf	PD-7	Low	ND	0	O&M		N
749	H-5	Y	TSI, 4" Fitting	Crawl Space	7 lf	PD-6	Low	ND	0	O&M		N

PARCEL NO: 02-D3 BRAC Property Class: 6 Neighborhood Center - Police Station and Small Shops

Asbestos Survey Summary

Building	Homo Area	ACM	Description	Location	Qty	Rating	Fri-able	Condi- tion	% Dam- age	Recommended Action	Comments	Status
749	H-6	Y	TSI, 6" Pipe	Crawl Space	90 lf	PD-6	Low	ND	0	O&M		N
749	H-7	Y	TSI, 6" Fitting	Crawl Space	6 lf	PD-7	Low	ND	0	O&M		N
749	H-8	A	Sheet Flooring	Room 104 and 105	170 sf	PD-3	Non	ND	0	O&M		N
761	H-1	A	Floor Tile, 12" White	Room 101, 102, 103, 108	4100 sf	D-5	Non	D	1	O&M	Floor tile damage, less than 1%, appeared as dry rot in southeast corner of Room 101, only.	N
761	H-2	A	Floor Tile, 12" Grey And White	Room 106 and 107	250 sf	PD-3	Non	ND	0	O&M		N
761	H-3	A	Floor Tile, 9"	Room 105	60 sf	D-5	Non	D	10	O&M	Floor tiles were broken and missing.	N
761	H-4	A	Transite	Room 109 and 110	360 sf	PD-3	Non	ND	0	O&M	Sheetrock was under transite in both Rooms.	N
761	H-5	A	Roofing, Tar & Gravel	Roof	6050 sf	PD-4	Non	ND	0	O&M		N
761	H-6	A	Mortar And Red Brick	Room 101 and 102	1050 sf	PD-3	Non	ND	0	O&M	All of Room 102 walls were made of mortar and decorative red brick.	N
761	H-9	A	Mastic	Room 101 and 108	18 sf	D-5	Non	D	1	O&M	Floor tile in Room 108 is loose, needs re-gluing.	N
761	H-10	A	Sheet Flooring	Room 110 and 112	60 sf	D-4	Non	D	10	O&M	Sheet flooring was water damaged, flooring in Room 110 should be removed. No damage in Room 112.	N
761	H-12	Y	TSI, 4" Pipe	Crawl Space East Side	30 lf	PD-7	Low	ND	0	O&M		N
761	H-13	Y	TSI, 4" Fitting	Crawl Space East Side	2 lf	PD-7	Low	ND	0	O&M		N

Legend: ACM: Y = Yes by sample, N = None by sample, A = Yes by visual inspection Condition: SD = Significantly Damaged, D = Damaged, PD = Potential for Damage, ND = No Damage Qty: SF = Square Feet, LF = Linear Feet Recommended Action: OM = Operation Maintenance Status: R = Remediation Required, C = Remediation Completed, N = No Work, Sat as it.

Backflow Prevention and Cross-Connection Survey

Building	Location	Potential Hazard or Comment	Corrective Action or Comment	Degree of Hazard
761	Outside, W	Water to in-ground sprinkler system.	Install DCVA.	Low
761	Outside, N	Water to in-ground sprinkler system.	Install DCVA.	Low
761	Inside	No deficiencies found.		
749		Flush valve for urinal trough has no vacuum breaker.	Replace with flushomatic fixtures.	Low
729		No deficiencies found.		

PARCEL NO: 02-D3

BRAC Property Class: 6

Neighborhood Center - Police Station and Small Shops

Backflow Prevention and Cross-Connection Survey

Building	Location	Potential Hazard or Comment	Corrective Action or Comment	Degree of Hazard
----------	----------	-----------------------------	------------------------------	------------------

Note: The Backflow Prevention and Cross-Connection Survey Report information is a listing of what buildings or locations have Backflow Preventors in the drinking water system throughout Mare Island. The report also lists any potential hazards or comments concerning potential hazards and the correcting actions or comments. Also listed is the degree of hazard for each preventor. For further information see the actual Backflow Prevention and Cross-Connection Survey Report.

Building Closure File Information

Building	Check List No.	Def Item No.	Concern Code	Description of Problem	Correction Comment	Prob Corrected	Date of Correction
729	8b		4	Ordinance survey	Survey completed	Yes	4/5/98
729	8b		4	Ordinance survey	Survey completed	Yes	4/5/98
729	8a		30	Asbestos survey	Survey completed	Yes	7/28/95
729	8a		30	Asbestos survey	Survey completed	Yes	7/28/95
749	4j	16	28	Lead acid battery is leaking.	Battery removed and spill cleaned up.	Yes	3/22/95
749	1		37	Chemical locker northwest corner (outside).	Info only		
749	4c		35	Roof ladders not properly attached.	Secured	Yes	5/30/95
749	4c	17	35	Rail at main entrance is damaged.	Repaired	Yes	5/30/95
749	7	12	31	Water heater.	Info only		
749	6b(1)		31	Facility equipment present.	Info only		
749	7	8	30	Possible asbestos steam pipe insulation.	Info only		
749	7	20	28	Abandoned chemical containers - 5 (5 gals), 17 (1 gal), and 2 (1-7/8 pints).	Paint supplies removed.	Yes	3/22/95
749	7	2	41	Broken electrical outlet cover.	Resolved	Yes	5/30/95
749	4i	20	21	Haz chemical enclosure with unknown HAZMAT.	Removed HAZMAT.	Yes	3/22/95
749	7	7	7	Unknown chem wall stain.	Lead acid from leaking battery (removed).	Yes	3/22/95
749	7	4	7	Unknown stains on floor, walls, and ceiling. Also items 5 & 6.	Beverage and dirt residues.	Yes	3/22/95
749	6b(2)	16	7	Emergency power battery is leaking.	Battery removed and area deconned.	Yes	3/22/95
749	7	9	29	Chipped wall paint on floor.	Removed chips.	Yes	3/8/95
749	7	18	43	Broken window screen.	Resolved	Yes	5/30/95
749	7	6	99	Ceiling stain	Info only		
749	4g	19	39	Roof ladders ready to fall.	Secured.	Yes	5/30/95
749	5a		30	Asbestos survey required	Awaiting funding for remediation	No	
749	7	1	41	Missing fluorescent light cover.	Info only		
749	7	17	43	Broken hand rail.	Repaired	Yes	5/30/95
749	7	15	43	Cracked wall.	Info only		

PARCEL NO: 02-D3

BRAC Property Class: 6

Neighborhood Center - Police Station and Small Shops

Building Closure File Information

Building	Check List No.	Def Item No.	Concern Code	Description of Problem	Correction Comment	Prob Corrected	Date of Correction
749	7	13	43	Floor and wall separation.	Resolved	Yes	2/27/96
749	7	11	43	Water damaged floor. Also Item 14.	Info only		
749	7	10	43	Missing vent screen for crawl space.	Info only		
749	7	3	43	Broken glass window.	Boarded over.	Yes	5/30/95
749	7	5	99	Wall stain	Info only		
761	4j		43	Floor is rotted. Also Item 8.	Debris removed. No asbestos.	Yes	8/2/94
761	4j		30	Broken 9" floor tiles (possibly asbestos). Also Item 8.	No asbestos.	Yes	8/2/94
761	4j		30	Broken transite wall panels. Also Item 8.	Asbestos present. No damaged or friable found.	Yes	7/29/94
761	5.a		30	Asbestos Survey required. Also Item 9.	No damaged or friable found.	Yes	8/2/94
761	1		37	Loading areas.	Info only.	NA	
761	4j		41	Electrical box cover missing. Also Item 8.	Cover replaced.	Yes	7/7/94
761	4j		41	Breaker box cover loose. Also Item 8.	Secured cover.	Yes	7/7/94

Parcel Closure File Information

Check List No.	Def Item No.	Concern Code	Description of Problem	Correction Comment	Prob Corrected	Date of Correction
9	2	21	Four flammable storage lockers	No action required	Yes	1/16/96
2	1	1	Adjacent to IR-18	Info only		
15	9	36	Vault	Info only		
15	8	99	Wood debris	Info only		
15	7	99	Building 729 occupied	Info only		
15	6	31	Generator	No action required	Yes	1/16/96
14	5	31	Locker with BBQ supplies	No action required	Yes	1/16/96
14	4	31	6' x 30' container	Removed	Yes	1/16/96
11	3	99	Dredge lines	Info only		

MARE ISLAND ENVIRONMENTAL REPORT

Printed: 10/25/00

PARCEL NO: 02-D5 **BRAC Property Class: 6** **Neighborhood Center - Rodman Center**

Parcel Usage

Planned Use Commercial
Current Uses: Housing and community facilities
Former Uses: 1918: swamp; 1931: dump; 1944: building 545

Topography/Geology/Soil/Water/Ecological

Flat. Bay mud (Qbm)/Made land (Engineered fill)(Ma). **Elevation:** 12 ft
Estimated Area: 4.2116 Acres
Ground Water: Old gas station in parcel 02-D2 **Archeological:** None
Water Level: 7-8 ft. **Water Flow Direction:** Northwest **Ecological:** None

Environmental Summary

Adjacent Parcels:	4	No. of PA/SI Parcels:	2	Radiological Surveys:	1	Haz Waste Treatment Facilities:	0
Buildings/Sites:	1	Tanks/OWSs:	0	Number of Spills:	1	Historical Resources:	1
Utilities by Parcels:	6	PCB Contaminated Equipm:	0	Haz Waste Accumulation Sites:	0	Lead Paint Survey:	0
IR Sites:	0	Ordnance Locations:	0	Haz Waste Storage Sites:	0	Number of Parcel Closure Items:	9
Radon Survey:	1	Asbestos Sites:	69	Backflow Prevention Items:	5		
Closed Buildings:	1	Closed Building Items:	26				

Rationale for Initially Assigning BRAC Property Class - 7

Building 545: G-RAM. Concern for PA/SI site, proximity to IR-18, and reported spill. Concern for incomplete groundwater information.

Rationale for Revising BRAC Property Class

Area has been evaluated.

Adjacent Parcel Information

Direction	Adjacent Parcel No.	Prop Class	COMMENT
East	02-E2	6	Morton Field. Parcels are separated by Walnut Avenue.
North	01-F	2-4	Parcels are separated by "G" Street
South	02-D4	6	Parcels are separated by "E" Street.

PARCEL NO: 02-D5 **BRAC Property Class: 6** **Neighborhood Center - Rodman Center**

Adjacent Parcel Information

Direction	Adjacent Parcel No.	Prop Class	COMMENT
West	02-D3	6	Parcels are separated by Oak Avenue.

Building/Site Descriptive Data

Building	Map Quad	Type *	Name	Hist. Distr.	Remarks	Year Built	Year Demo	Total SqFt	Bldg Resp	Building Closure Date
372	J-2	D	Lumber Yard and Tool Room				UNK		SY	
545	I-2	P	Rodman Center	Yes		1942		71,379	SY	11/30/95

Building/Site Environmental Data Summary

Building	IR Sites	PA_SI Sites	HMS (#)	HW AS (Op)	HW AS (Cl)	HW TS	Haz Visual	PCB (Rm)	PCB (IP)	Ord (NR)	Spills (Tot)	ASB (Rd)	UST (Rm)	UST (IP)	AST (Rm)	AST (IP)	OWS (Rm)	OWS (IP)	Lead Paint	NNPP GRAM	Ra-don Srvy		
372																							
545							5				1	69										G	Y

Note: (#) = no. of sites/locations/spills/etc.; (Op) = # open; (Cl) = # closed; (Rm) = # removed; (IP) = # in place and/or suspect; (Tot) - Total # of potential Asbestos sites; (Rd) - # Remediations required of Damaged and Friable asbestos sites; (NR) = Not Released for ordnance

Building/Site Uses/Concerns/BRAC Class Rationale

Building	Current Uses	Former Uses	Remark	Concern/BRAC Rationale
545			Location: West of Walnut Ave., between "G" St., and "E" Street	
372			S of 499	

HISTORIC CONTRIBUTING BUILDINGS / STRUCTURES

Entity	Name / Title	Map Quad	Year Built
545	Rodman Center	I-2	1942

Utilities Summary

Identified Utilities	Description	PA/SI No.	IRP No.
ELECTRICAL			
FRESH WATER			
SALT WATER			

PARCEL NO: 02-D5 BRAC Property Class: 6 Neighborhood Center - Rodman Center

Utilities Summary

Identified Utilities	Description	PA/SI No.	IRP No.
SANITARY SEWER		SWMU-106	
STEAM			
STORM SEWER		SWMU-093	

Preliminary Assessment / Site Inspection Sites

PA/SI No.	CTO No.	Description
SWMU-122		AREAS OF POTENTIAL RADIUM RELEASE
SWMU-106		SANITARY SEWER SYSTEM

NNPP and G-RAM Survey Locations

Building	NNPP	G-RAM	NNPP Remarks	G-RAM Remarks	Navy Released?	Agency Concurred?
545		G			Yes	Yes

Facilities/areas designated as "N" or "G" required radiological surveys, based on their history of use, to document the absence of radioactivity. Facilities/areas designated as "(N)" or "(G)" have no history of radiological usage, but are being surveyed as an added measure of protection.

Spill History

Building	HWCN	Relative Direction	Location	Substance	Quantity	Date	Released To	Comments
545			543	Gas	2gal	11/1/88	land	

Radon Survey / Assessment Summary

Building	RSS Reading	RSS Detector	RAS Test Results	No. of Detectors	Notes
545			0.4/0.2	9	

Asbestos Survey Summary

Building	Homo Area	ACM	Description	Location	Qty	Rating	Friable	Condition	Recommended Action	Comments	Status
545	H-2	A	Floor Tile, 12" Brown And Gold	Room 102	459 sf	PD-6	Non	ND	0 O&M		N
545	H-3	Y	TSI, 4" Pipe Type "B"	Room 101, 300, and Exterior To Room 101	281 lf	PD-12	Low	ND	0 O&M		N
545	H-4	Y	TSI, 4" Fitting Type "B"	Room 101, 300, and Exterior To Room 101	40 lf	PD-12	Low	ND	0 O&M		N

PARCEL NO: 02-D5

BRAC Property Class: 6

Neighborhood Center - Rodman Center

Asbestos Survey Summary

Building	Homo Area	ACM	Description	Location	Qty	Rating	Fri-able	Con-dition	% Dam- age	Recommended Action	Comments	Status
545	H-5	Y	TSI, 7" Pipe Type "A"	Room 101, 301C, 301E, 301F, 301G, 301H, 301I, 301J, Exterior To Room 101	661 lf	D-19	Low	D	10	Remove/Repair/O &M	Lagging laying on the ground must be removed. TSI covering was torn and had exposed ends.	C
545	H-6	Y	TSI, 7" Fitting Type "A"	Room 101, 301C, 301E, 301F, 301G, 301H, 301I, 301J, Exterior To Room 101	108 lf	D-19	Low	D	10	Remove/Repair/O &M	Lagging laying on the ground must be removed. TSI covering was torn and had exposed ends.	C
545	H-7	A	Coving Mastic, 2"	Room 120	12 sf	PD-6	Non	ND	0	O&M		N
545	H-9	A	Sheet Flooring, Grey	Room 103 and 136	94 sf	PD-5	Non	ND	0	O&M		N
545	H-10	A	Floor Tile, 12" Red Simulated Brick	Room 103	441 sf	PD-6	Non	ND	0	O&M		N
545	H-11	A	Grout, Small Red And Brown Ceramic Tile	Room 107, 113, 114, 115, 116, 118, 127, 132, 133, 138, 226, 227, 227A	6865 sf	PD-6	Non	ND	0	O&M		N
545	H-12	A	Grout, 4" Green Ceramic Wall Tile	Room 107	60 sf	PD-5	Non	ND	0	O&M		N
545	H-13	A	Grout, 6" Red Ceramic Tile	Room 110, 112, 118, 164	864 sf	PD-5	Non	ND	0	O&M		N
545	H-14	A	Grout, 4" White Ceramic Tile	Room 110, 112, 156, 158	962 sf	D-8	Non	D	7	O&M	Grout was cracked and broken and tile loose or missing.	N
545	H-15	A	Grout, Tan And Cream Ceramic Tile	Room 113, 115, 116, 118, 132, 133, 138, 226, 227	5097 sf	PD-6	Non	ND	0	O&M		N
545	H-16	A	Grout, Multiple Size Blue Ceramic Tile	Room 111 and 118	310 sf	PD-5	Non	ND	0	O&M		N
545	H-17	A	Grout, Large Blue Ceramic Tile	Room 111 and 118	334 sf	PD-5	Non	ND	0	O&M		N
545	H-20	A	Floor Tile, 12" Grey	Room 122, 135, 220	1883 sf	PD-6	Non	ND	0	O&M		N
545	H-21	A	Sheet Flooring, Tan	Room 118, 120, 122	1467 sf	D-9	Non	D	2	O&M	Sheet flooring was cracked and gouged.	N
545	H-22	A	Floor Tile, 9" Red And Black	Room 121 Beneath Rubber Mats	1770 sf	SD-13	Non	SD	30	O&M	Floor tile was broken and cracked due to water damage, and covered with rubber mats.	N
545	H-23	Y	TSI, 3" Pipe Type "A"	Room 121, 124, 125	20 lf	PD-13	Low	ND	0	O&M		N
545	H-24	Y	TSI, 4" Pipe Type "C"	Room 116 and 121	25 lf	PD-13	Low	ND	0	O&M		N
545	H-25	Y	TSI, 5" Pipe Type "A"	Room 121	11 lf	D-17	Low	D	5	Repair/O&M	Insulation was exposed at window sill of Room 121.	C
545	H-27	A	Floor Tile, 9" Green, Olive, Black	Room 116, 124, 137, 139	709 sf	PD-6	Non	ND	0	O&M		N
545	H-29	A	Floor Tile, 9" Cream	Room 116	36 sf	PD-6	Non	ND	0	O&M		N
545	H-30	Y	TSI, 3" Fitting Type "A"	Room 124	5 lf	PD-12	Low	ND	0	O&M		N
545	H-31	Y	TSI, 4" Fitting Type "C"	Room 116	2 lf	PD-13	Low	ND	0	O&M		N

PARCEL NO: 02-D5 BRAC Property Class: 6

Neighborhood Center - Rodman Center

Asbestos Survey Summary

Building	Homo Area	ACM	Description	Location	Qty	Rating	Fri-able	Con-dition	% Dam-age	Recommended Action	Comments	Status
545	H-32	A	Transite Wall Paneling	Room 001, 108, 110, 400	520 sf	D-9	Non	D	6	O&M	Room 001 was a chlorine mixing station located exterior to the swimming pool, on the southwest side of the building.	N
545	H-33	A	Floor Tile, 9" Grey	Room 130	4074 sf	D-10	Non	D	10	O&M	Floor tile was cracked and broken.	N
545	H-34	A	Floor Tile, 9" Red	Room 130	30 sf	PD-6	Non	ND	0	O&M		N
545	H-41	A	Floor Tile, 12" Tan W/Swirl Design	Room 134, 148, 157, 162	405 sf	PD-6	Non	ND	0	O&M		N
545	H-44	A	Floor Tile, 9" Green W/White Swirls	Room 202	360 sf	PD-6	Non	ND	0	O&M		N
545	H-45	Y	Vibration Joint, 7" Cloth Textured	Room 201	20 lf	PD-12	Mod	ND	0	O&M		N
545	H-46	A	Vibration Joint, 4" Diameter Wrap	Room 201	13 sf	PD-6	Non	ND	0	O&M	Vibration joint was assumed to have ACM. Sampling would have violated system integrity (by destructive testing) and impaired system operations.	N
545	H-47	Y	TSI, 3" Pipe Type "B"	Room 201, 301, 301A, 301C, 301E, 301F, 301G, 301H, 301I, 301J	1160 lf	D-21	Low	D	15	Remove/O&M	Lagging laying on the ground must be removed. TSI was torn and had exposed ends.	C
545	H-48	Y	TSI, 3" Fliting Type "B"	Room 201, 301, 301A, 301C, 301E, 301F, 301G, 301H, 301I, 301J	192 lf	D-19	Low	D	15	Remove/O&M	Lagging laying on the ground must be removed. TSI was torn and had exposed ends.	C
545	H-51	Y	TSI, 7" Pipe Type "B"	Room 201	5 lf	PD-13	Low	ND	0	O&M		N
545	H-54	Y	TSI, 30" Diameter Alrcel	Room 301, 302, 400	7069 sf	SD-36	High	SD	23	Remove/Repair/O&M	TSI was loose with exposed insulation showing on some ends. TSI had large amounts of loose, severely damaged, debris around vent ducts where they penetrate the ceiling. Loose debris laying on the ground in Rooms 301, 302, and 400 must be removed.	C
545	H-55	Y	TSI, 30" Diameter Paper Wrap	Room 400	50 sf	D-23	High	D	2	Repair/O&M	TSI was nicked, crushed, and insulation exposed in the attic.	C
545	H-57	A	Grout, Yellow Ceramic Tile	Room 132	81 sf	PD-5	Non	ND	0	O&M		N
545	H-58	A	Floor Tile, 12" Beige	Room 132, 136, 137, 159	102 sf	PD-6	Non	ND	0	O&M		N
545	H-61	A	Grout, 2" Black And White Ceramic Tile	Room 156 and 158	186 sf	PD-5	Non	ND	0	O&M		N
545	H-63	A	Floor Tile, 9" Red W/White Swirls	Room 161	192 sf	PD-6	Non	ND	0	O&M		N

PARCEL NO: 02-D5 BRAC Property Class: 6 Neighborhood Center - Rodman Center

Asbestos Survey Summary

Building	Homo Area	ACM	Description	Location	Qty	Rating	Fri-able	Condi-tion	% Dam- age	Recommended Action	Comments	Status
545	H-69	A	Floor Tile, Carpet Covered	Room 204,205,206,207,208,209,210,211,212,213,215,216,217,218,228,229,230,231,232,233,234,236-238	12500 sf	PD-7	Non	ND	0	O&M		N
545	H-71	A	Coving Mastic, 6"	Room 130, 131, 204, 205, 206, 207, 208, 209, 210, 215, 216, 217, 232, 233	680 sf	D-9	Non	D	2	O&M	Mastic exposed at various locations where coving was cracked.	N
545	H-75	A	Sheet Flooring, Mauve	Room 213 and 214	196 sf	PD-5	Non	ND	0	O&M		N
545	H-76	A	Floor Tile, 12" Green W/White Swirls	Room 220 and 221	571 sf	PD-6	Non	ND	0	O&M		N
545	H-77	A	Floor Tile, 9" Black And White	Room 220	120 sf	PD-6	Non	ND	0	O&M		N
545	H-78	A	Sheet Flooring, Black	Room 220	120 sf	PD-5	Non	ND	0	O&M		N
545	H-79	A	Coving Mastic, 4"	Room 102,103,116-119,122,123,125,126,129,132,134-137,139,142,143,145-155,157,159,160,219-221,223,228	100 sf	D-10	Non	D	1	O&M	Mastic exposed wherever pieces of coving were missing.	N
545	H-83	Y	TSI, 2" Pipe	Room 223	2 lf	PD-11	Low	ND	0	O&M	At the discretion of the inspector, only one sample taken due to the limited size and configuration of TSI.	N
545	H-84	Y	TSI, 2" Fitting	Room 223	1 lf	PD-11	Low	ND	0	O&M	At the discretion of the inspector, only one sample taken due to the limited size and configuration of TSI.	N
545	H-86	Y	TSI, 5" Pipe Type "C"	Room 220	45 lf	PD-13	Low	ND	0	O&M		N
545	H-87	Y	TSI, 5" Fitting Type "C"	Room 220	7 lf	PD-13	Low	ND	0	O&M		N
545	H-89	A	Sheet Flooring, Black Matting	Room 225	88 sf	PD-5	Non	ND	0	O&M		N
545	H-90	A	Floor Tile, 9" Red And Tan W/Swirls	Room 219	24 sf	PD-6	Non	ND	0	O&M		N
545	H-94	A	Floor Tile, 9" Red And Black	Room 216	36 sf	PD-6	Non	ND	0	O&M		N
545	H-95	Y	TSI, 3" Pipe Type "C"	Room 300 and 302	350 lf	D-19	Low	D	2	Repair/O&M	TSI was cut and torn at various locations.	C
545	H-96	Y	TSI, 3" Fitting Type "C"	Room 300 and 302	50 lf	PD-13	Low	ND	0	O&M		N
545	H-97	Y	TSI, 6" Pipe Type "A"	Room 300, 302, and Exterior To Room 115 Northwest Corner	212 lf	D-19	Low	D	1	Repair/O&M	TSI was cut and torn at various locations.	C
545	H-98	Y	TSI, 6" Fitting Type "A"	Room 300 and 302	40 lf	D-19	Low	D	1	Repair/O&M	Various TSI fittings were cut and torn.	C

PARCEL NO: 02-D5 BRAC Property Class: 6 Neighborhood Center - Rodman Center

Asbestos Survey Summary

Building	Homo Area	ACM	Description	Location	Qty	Rating	Fri-able	Con-dition	% Dam-age	Recommended Action	Comments	Status
545	H-99	Y	TSI, 8" Pipe	Room 300 and Exterior To Room 115 Northwest Corner	252 lf	PD-13	Low	ND	0	O&M		N
545	H-100	Y	TSI, 8" Fitting	Room 300 and Exterior To Room 115 Northwest Corner	82 lf	PD-13	Low	ND	0	O&M		N
545	H-101	Y	TSI, 5" Pipe Type "D"	Room 300 and 302	395 lf	PD-13	Low	ND	0	O&M		N
545	H-102	Y	TSI, 5" Fitting Type "D"	Room 300 and 302	75 lf	PD-13	Low	ND	0	O&M		N
545	H-103	Y	TSI, 4" Pipe Type "A"	Room 300, 301, 301A, 301B, 301C, 301E, 301G, 301I, 301J, 302	725 lf	D-19	Low	D	10	Repair/O&M	TSI was cut and torn at various locations.	C
545	H-104	Y	TSI, 4" Fitting Type "A"	Room 300, 301, 301A, 301B, 301C, 301E, 301G, 301I, 301J, 302	250 lf	D-19	Low	D	5	Repair/O&M	Various TSI fittings were crushed and torn.	C
545	H-105	Y	TSI, 12" Pipe	Room 302	20 lf	PD-13	Low	ND	0	O&M		N
545	H-106	Y	TSI, 12" Fitting	Room 302	8 lf	PD-13	Low	ND	0	O&M		N
545	H-107	Y	TSI, 6" Diameter x 10' Long Tank	Room 302	190 sf	PD-13	Low	ND	0	O&M		N
545	H-109	A	Roofing, Tar & Gravel W/Grey Domes	Roof	61160 sf	PD-7	Non	ND	0	O&M		N

Legend: ACM: Y = Yes by sample, N = None by sample, A = Yes by visual inspection Condition: SD = Significantly Damaged, D = Damaged, PD = Potential for Damage, ND = No Damage Qty: SF = Square Feet, LF = Linear Feet Recommended Action: OM = Operation Maintenance Status: R = Remediation Required, C = Remediation Completed, N = No Work, Sat. as it.

Backflow Prevention and Cross-Connection Survey

Building	Location	Potential Hazard or Comment	Corrective Action or Comment	Degree of Hazard
545	W, Basement, Equipment Rm	Makeup water to pool filter and solar heater.	Install RPBA.	High
545	Outside, W	Water to chlorinator.	Install RPBA.	High
545	2nd Flr, Bowling alley	Water connected to CO2 carbonated beverage dispenser.	Install RPBA.	High
545	1st Flr, Theater	Water connected to CO2 carbonated beverage dispenser.	Install RPBA.	High
545	1st Flr, Restaurant	Water connected to CO2 carbonated beverage dispenser.	Install RPBA.	High

Note: The Backflow Prevention and Cross-Connection Survey Report information is a listing of what buildings or locations have Backflow Preventors in the drinking water system throughout Mare Island. The report also lists any potential hazards or comments concerning potential hazards and the correcting actions or comments. Also listed is the degree of hazard for each preventor. For further information see the actual Backflow Prevention and Cross-Connection Survey Report.

Building Closure File Information

Former Mare Island Naval Shipyard EBS Supplement		Parcel No: 02-D5	DS.0292.14790
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MARE ISLAND ENVIRONMENTAL REPORT

Printed: 10/25/00

PARCEL NO: 02-D5 BRAC Property Class: 6 Neighborhood Center - Rodman Center

Building	Check List No.	Def Item No.	Concern Code	Description of Problem	Correction Comment	Prob Corrected	Date of Correction
545	7	5	31	File cabinets	Info only		
545			5	G-RAM survey required	Survey completed, none found	Yes	11/7/95
545	7	16	6	Oily machinery	PCBs found to be below action level.	Yes	9/8/95
545			6	Bowling alley machinery PCBs	2 ppm, to remain in place	Yes	9/8/95
545	4i		7	Spill history (2 gallon gasoline spill on 11/1/88)	Info only		
545	7	13	28	Damaged carpet (tripping hazard)	Repaired	Yes	9/14/95
545	7	8	29	Paint peeling off walls	Removed loose lead paint	Yes	8/14/95
545	5a		30	Asbestos survey required	Remediated; H-5, 6, 25, 47, 48, 54, 55, 95, 97, 98, 103, and 10	Yes	6/19/96
545	7	14	30	Damaged acoustic ceiling tiles	Asbestos survey sequenced to funding		
545	6b1		31	Facility equipment	Info only	No	
545	7	1	31	Gym equipment	Info only		
545	3a		2	PAVSI site	Info only		
545	7	4	31	Refrigerator and microwave oven	Info only		
545	7	12	99	Swimming pool with water	Info only		
545	7	6	31	Office supplies	Info only		
545	7	7	31	Bowling balls and pins in boxes	Info only		
545	7	10	31	Walk-in freezer	Info only		
545	7	11	31	Exercise equipment	Info only		
545	7	15	31	Swimming pool equipment	Info only		
545	7	17	31	Furnace	Info only		
545	7	18	31	Solar collectors for pool heating on roof	Info only		
545	4i		34	Signs indicate presence of HAZMAT	No HAZMAT now present	Yes	9/14/95
545	7	19	41	Exposed bare electric wires	Repaired	Yes	9/14/95
545	7	2	43	Broken and missing theatre seats	Info only		
545	7	9	43	Floor drain in kitchen storage area	Plug installed	Yes	9/14/95
545	7	3	31	Office equipment	Info only		

Parcel Closure File Information

Check List No.	Def Item No.	Concern Code	Description of Problem	Correction Comment	Prob Corrected	Date of Correction
2		1	IR-18 adjacent	Info only		
15	7	99	Building 545 occupied	Info only		
15	6	43	Bus stop - roof collapsing	Cleared upon Code 910 task		
15	5	31	Walk-in refrigerator	Info only		

Former Mare Island Naval Shipyard EBS Supplement

Parcel No: 02-D5

DS.0292.14790

MARE ISLAND ENVIRONMENTAL REPORT

Printed: 10/25/00

PARCEL NO: 02-D5

BRAC Property Class: 6

Neighborhood Center - Rodman Center

Parcel Closure File Information

Check List No.	Def Item No.	Concern Code	Description of Problem	Correction Comment	Prob Corrected	Date of Correction
15	4	43	Traffic control vault	Info only		
15	3	31	Telephone vault	Info only		
15	2	43	Steam pipe vault	Info only		
15	1	41	Electrical vault	Info only		
15		5	2 gal spill in 1988, possible radium	Info only		

PARCEL NO: 02-E2 **BRAC Property Class: 6**

Neighborhood Center - Morton Field

Parcel Usage

Planned Use Neighborhood center
Current Uses: Morton Field
Former Uses: None identified.

Topography/Geology/Soil/Water/Ecological

Generally flat with slight slope from west to east. Almost all grass for playing field. Bay mud (Qbm)/Made land (Engineered fill)(Ma).
Estimated Area: 5.579 Acres **Elevation:** 10 ft
Ground Water: No contamination identified. **Archeological:** None
Water Level: 7 ft. **Water Flow Direction:** Southwest to Northeast **Ecological:** None

Environmental Summary

Adjacent Parcels:	4	No. of PA/SIParcels:	2	Radiological Surveys:	0	Haz Waste Treatment Facilities:	0
Buildings/Sites:	5	Tanks/OWSs:	0	Number of Spills:	0	Historical Resources:	5
Utilities by Parcels:	4	PCB Contaminated Equipm:	0	Haz Waste Accumulation Sites:	0	Lead Paint Survey:	0
IR Sites:	0	Ordnance Locations:	0	Haz Waste Storage Sites:	0	Number of Parcel Closure Items:	1
Radon Survey:	0	Asbestos Sites:	7	Backflow Prevention Items:	5		
Closed Buildings:	5	Closed Building Items:	14				

Rationale for Initially Assigning BRAC Property Class - 7

Building 931: HazMat storage; parcel located on Made Land (engineered fill). Concern for proximity to IR site and incomplete groundwater information.

Rationale for Revising BRAC Property Class

Area has been evaluated.

Adjacent Parcel Information

Direction	Adjacent Parcel No.	Prop Class	COMMENT
East	03-I	6	Parcels are separated by Railroad Avenue.
North	01-K	3	Parcels are separated by "G" Street.
South	02-E1	6	Parcels are separated by a paved roadway and a fence.

PARCEL NO: 02-E2 BRAC Property Class: 6 Neighborhood Center - Morton Field

Adjacent Parcel Information

Direction	Adjacent Parcel No.	Prop Class	COMMENT
West	02-D5	6	Parcels are separated by Walnut Avenue.

Building/Site Descriptive Data

Building	Map Quad	Type *	Name	Hist. Distr.	Remarks	Year Built	Year Demo	Total SqFt	Bldg Resp	Building Closure Date
79	E-3,E-4	D	Cow Barn						SY	
549	I-2	P	Morton Field Shack	Yes		1985		960	SY	8/24/95
927	I-2	P	Morton Field Dugout-1st Base	Yes		1944		144	SY	8/3/95
929	I-2	P	Morton Field Dugout-3rd Base	Yes		1944		144	SY	8/3/95
931	I-2	P	Morton Field Equip Storage	Yes		1944		78	SY	7/6/95
933	I-2	D	Garden House				1990		SY	
AA6	I-2	N	Morton Field	Yes		1943			SY	11/9/95

Building/Site Environmental Data Summary

Building	IR Sites	PA_SI Sites	HMS (#)	HW AS (Op)	HW AS (Cl)	HW TS	Haz V/Qual	PCB (Rm)	PCB (IP)	PCB Ord (NR)	Spills	ASB (Tot)	ASB (Rd)	UST (Rm)	UST (IP)	AST (Rm)	AST (IP)	OWS (Rm)	OWS (IP)	Lead Paint	NNPP GRAM	Ra- don Srvy	
79																							
549												2											
927												2											
929												1											
931							1																
933							3																
AA6												2	2										

Note: (#) = no. of sites/locations/spills/etc.; (Op) = # open; (Cl) = # closed; (Rm) = # removed; (IP) = # in place and/or suspect; (Tot) - Total # of potential Asbestos sites; (Rd) - # Remediations required of Damaged and Friable asbestos sites; (NR) = Not Released for ordinance

Building/Site Uses/Concerns/BRAC Class Rationale

Building	Current Uses	Former Uses	Remark	Concern/BRAC Rationale
AA6				
933	Demolished in December 1990		Remark: Possible former bus shelter	
931			Location: North of "E" St., east of Walnut Avenue	
929			Location: East of Walnut Ave., north of "E" St., near 3rd Base	

PARCEL NO: 02-E2 **BRAC Property Class: 6** **Neighborhood Center - Morton Field**

Building/Site Uses/Concerns/BRAC Class Rationale

Building	Current Uses	Former Uses	Remark	Concern/BRAC Rationale
927			Location: North of "E" St., east of Walnut Ave., near 1st Base	
79			Location: South of bldg M170	
549			Location: East of Walnut, north of "E", southwest corner of Morton Field	

Utilities Summary

Identified Utilities	Description	PA/SI No.	IRP No.
ELECTRICAL			
FRESH WATER			
SANITARY SEWER	21", 8" LINES		SWMU-106
STORM SEWER	21-24", 7X9 WOOD, 10X6 WOOD LINES		SWMU-093

Preliminary Assessment / Site Inspection Sites

PA/SI No.	CTO No.	Description
SWMU-106		SANITARY SEWER SYSTEM
SWMU-093		STORM SEWER SYSTEM

Asbestos Survey Summary

Building	Homo Area	ACM	Description	Location	Qty	Rating	Fri-able	Condi-tion	% Dam- age	Recommended Action	Comments	Status
927	H-1	A	Grout, Slump Block	Room 101 and Exterior	294 sf	PD-5	Non	ND	0	O&M		N
927	H-2	A	Roofing, Tar And Gravel	Roof	144 sf	D-7	Non	D	1	O&M	Roofing had cracks.	N
929	H-1	A	Grout, Slump Block	Room 101 and Exterior	294 sf	PD-5	Non	ND	0	O&M		N
929	H-2	A	Roofing, Tar And Gravel	Roof	144 sf	D-7	Non	D	1	O&M	Roofing had cracks.	N
931	H-2	A	Roofing, Composition Sheet	Roof	91 sf	D-5	Non	D	2	O&M	Roofing had evidence of having leaks.	N
AA6	H-1	A	Mortar	Both Gate Towers	120 sf	PD-3	Non	ND	0	O&M		N
AA6	H-2	A	Roofing, Rolled Composition	Announcer's Booth and Both Gate Towers	180 sf	PD-3	Non	ND	0	O&M		N

Legend: ACM: Y = Yes by sample, N = None by sample, A = Yes by visual inspection Condition: SD = Significantly Damaged, D = Damaged, PD = Potential for Damage, ND = No Damage
 Qty: SF = Square Feet, LF = Linear Feet Recommended Action: OM = Operation Maintenance Status: R = Remediation Required, C = Remediation Completed, N = No Work, Sat. as it.

Backflow Prevention and Cross-Connection Survey

PARCEL NO: 02-E2 **BRAC Property Class: 6** **Neighborhood Center - Morton Field**

Building	Location	Potential Hazard or Comment	Corrective Action or Comment	Degree of Hazard
AA6	Morton field			
931		No deficiencies found.		
929		No water service.		
927		No deficiencies found.		
549		No water service.		

Note: The Backflow Prevention and Cross-Connection Survey Report information is a listing of what buildings or locations have Backflow Preventors in the drinking water system throughout Mare Island. The report also lists any potential hazards or comments concerning potential hazards and the correcting actions or comments. Also listed is the degree of hazard for each preventor. For further information see the actual Backflow Prevention and Cross-Connection Survey Report.

Building Closure File Information

Building	Check List No.	Def Item No.	Concern Code	Description of Problem	Correction Comment	Prob Corrected	Date of Correction
549	7	2	43	Broken window glass.	Addressed and resolved.	Yes	8/9/95
549	7	4	41	Exposed electrical wire.	Covered	Yes	8/9/95
549	7	1	41	Uncapitivated fluorescent lamps.	Addressed and resolved.	Yes	8/9/95
549	7	3	40	Debrns	Removed	Yes	8/9/95
549	4a		33	North door is locked shut.		No	
549	4j		28	Safety hazard - North door shut.		No	
927	6b(1)		31	Facility equipment present.	Info only.		
927	5a		30	Asbestos survey required.	No friable asbestos found.	Yes	7/28/95
929	NA		41	Conduit on roof.	Removed conduit	Yes	7/28/95
929	5a		30	Asbestos survey required.	No friable asbestos found - building is released.	Yes	7/28/95
931	5.a		30	Asbestos survey required.	No damaged or friable.	Yes	5/11/95
931	3.i		22	Matrix indicates Hazardous Material Storage Area once present	Info Only	NA	5/4/95
AA6	7i		28	Excess office furniture.	Info only.		
AA6	4j		28	Water filled hole.	Hole is access to valve for sprinkler. Info only.		

Parcel Closure File Information

Check List No.	Def Item No.	Concern Code	Description of Problem	Correction Comment	Prob Corrected	Date of Correction
			No outstanding environmental issues.			

MARE ISLAND ENVIRONMENTAL REPORT

Printed: 10/25/00

PARCEL NO: 17-C **BRAC Property Class: 6** **Wetlands - Old Dredge Ponds**

Parcel Usage

Planned Use Wetlands/Open Space/Potential Dredge Ponds
Current Uses: Wetlands, road to Parcel 13-A, road to Parcel 17-D.
Former Uses: Dredge fill area, radio antennas

Topography/Geology/Soil/Water/Ecological

Flat with levees/roads about 3-10 ft above ponds. Bay mud (Qbm), Alluvium (Qa)/Valdez Silt Clay Loam, Moist (Vd) and Made Land (Engineered fill) (Ma).
Estimated Area: 174.5303 Acres **Elevation:** 15 ft
Ground Water: Possible contamination from several IR and PA/SI sites adjacent. **Archeological:** None
Water Level: 8-13 ft. **Water Flow Direction:** North **Ecological:** Endangered Species Habitat

Environmental Summary

Adjacent Parcels:	18	No. of PA/SIParcels:	7	Radiological Surveys:	1	Haz Waste Treatment Facilities:	0
Buildings/Sites:	1	Tanks/OWSs:	1	Number of Spills:	0	Historical Resources:	1
Utilities by Parcels:	6	PCB Contaminated Equipm:	0	Haz Waste Accumulation Sites:	0	Lead Paint Survey:	0
IR Sites:	1	Ordnance Locations:	0	Haz Waste Storage Sites:	0	Number of Parcel Closure Items:	7
Radon Survey:	0	Asbestos Sites:	0	Backflow Prevention Items:	0		
Closed Buildings:	0	Closed Building Items:	0				

Rationale for Initially Assigning BRAC Property Class - 7

Unknown potential for ordnance (entire parcel) former/unused dredge ponds.

Rationale for Revising BRAC Property Class

Area has been evaluated.

Adjacent Parcel Information

Direction	Adjacent Parcel No.	Prop Class	COMMENT
East	01-E	1	Parcels are separated by either levees, fences, or open wetland areas.
East	01-G	1	Parcels are separated by either levees, fences, or open wetland areas.
East	01-H	6	Parcels are separated by either levees, fences, or open wetland areas.

Former Mare Island Naval Shipyard EBS Supplement

Parcel No: 17-C

DS.0292.14790

PARCEL NO: 17-C

BRAC Property Class: 6

Wetlands - Old Dredge Ponds

Adjacent Parcel Information

Direction	Adjacent Parcel No.	Prop Class	COMMENT
East	01-I	6	Parcels are separated by either levees, fences, or open wetland areas.
East	02-A	6	Parcels are separated by either levees, fences, or open wetland areas.
East	02-D1	6	Parcels are separated by either levees, fences, or open wetland areas.
East	02-D2	6	Parcels are separated by either levees, fences, or open wetland areas.
East	02-D3	6	Parcels are separated by either levees, fences, or open wetland areas.
North	01-A	1	Parcels are separated by either levees, fences, or open wetland areas.
North	01-B	6	Parcels are separated by either levees, fences, or open wetland areas.
North	01-D1	6	Parcels are separated by either levees, fences, or open wetland areas.
North	01-D2	6	Parcels are separated by either levees, fences, or open wetland areas.
North	14-A	6	Parcels are separated by either levees, fences, or open wetland areas.
North	17-A	6	Parcels are separated by either levees, fences, or open wetland areas.
Other	17-C	6	..
Other	17-D	6	..
South	13-A	6	Parcels are separated by either levees, fences, or open wetland areas.
West	14-A	6	Parcels are separated by either levees, fences, or open wetland areas.

Building/Site Descriptive Data

Building	Map Quad	Type *	Name	Hist. Distr.	Remarks	Year Built	Year Demo	Total SqFt	Bldg Resp	Building Closure Date
699	J-3	D	Electronic Equipment Storage				UNK		SY	
705	J-3	D	Electronic Equipment Storage				UNK		SY	
709	J-3	D	Storage				UNK		SY	
ORDLAND-04		N	Formally Used Dredge Ponds (17-A)						SY	
ORDLAND-13		N	Formally Used Dredge Ponds (Parcel 17-C)						SY	

Building/Site Environmental Data Summary

Building	IR Sites	PA_SI Sites	HMS (#)	HW AS (Op)	HW AS (Ci)	HW TS	Haz Visual	PCB (Rm)	PCB (IP)	Ord (NR)	Spills	ASB (Tot)	ASB (Rd)	UST (Rm)	UST (IP)	AST (Rm)	AST (IP)	OWS (Rm)	OWS (IP)	Lead Paint	NNPP GRAM	Ra- don	STVY
699																							
705																							
709																							
ORDLAND-04																						G	

PARCEL NO: 17-C

BRAC Property Class: 6

Wetlands - Old Dredge Ponds

Building/Site Environmental Data Summary

Building	IR Sites	PA_Si Sites	HMS (#)	HW AS (Op)	HW AS (Cl)	HW TS	Haz Vis-ual	PCB (Rm)	PCB (IP)	Ord (NR)	Spills	ASB (Tot)	ASB (Rd)	UST (Rm)	UST (IP)	AST (Rm)	AST (IP)	OWS (Rm)	OWS (IP)	Lead Paint	NNPP GRAM	Ra-don Srvy
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Note: (#) = no. of sites/locations/spills/etc.; (Op) = # open; (Cl) = # closed; (Rm) = # removed; (IP) = # in place and/or suspect; (Tot) - Total # of potential Asbestos sites; (Rd) - # Remediations required of Damaged and Friable asbestos sites; (NR) = Not Released for ordnance

Building/Site Uses/Concerns/BRAC Class Rationale

Building	Current Uses	Former Uses	Remark	Concern/BRAC Rationale
ORLAND-13				
ORLAND-04				
709			Location: Northeast of Bldg. 505	
705			Location: North of Bldg. 505	
699			Location: North of Bldg. 505	

Utilities Summary

Identified Utilities	Description	PA/SI No.	IRP No.
DREDGE			
ELECTRICAL			
FRESH WATER			
NATURAL GAS			
SANITARY SEWER	TO BLDG 505 ALONG "I" ST.	SWMU-106	
WASTE TREATMENT		SWMU-092	IR14

Installation Restoration Program Sites

IR No.	Name	Status	Relative Location	General Area / Building	Substances
01	Facility Landfill, Historic Landfill	Declared	Along Dump Road	LANDFILL	Industrial & non-industrial wastes; abrasives, paints, solvents, acids, plating & mercury wastes, petroleum, PCBs, asbestos, radium-containing equipment, medical/biological. Constituents of Concern: VOCs, SVOCs, PCBs, metals, TPH, & waste oil.

Preliminary Assessment / Site Inspection Sites

PA/SI No.	CTO No.	Description
XPA/SI-013		AMMUNITION HANDLING WATERFRONT AREAS & RESERVE FLEET AREAS
XPA/SI-012		SMALL ARMS RANGES

PARCEL NO: 17-C **BRAC Property Class: 6** **Wetlands - Old Dredge Ponds**

Preliminary Assessment / Site Inspection Sites

PA/SI No.	CTO No.	Description
SWMU-106		SANITARY SEWER SYSTEM
SWMU-106		SANITARY SEWER SYSTEM
SWMU-092		IWI PIPE LINE COLLECTION SYSTEM
SWMU-092		IWI PIPE LINE COLLECTION SYSTEM
SWMU-039		DUMP ROAD AREA

Tanks and OWS Summary

Building	Type	Tank No.	Location	Physical Status	Cisd	Contents	Remarks	Removed	Volume (gal)	Construction
709	UST	1	SE of Bldg 759 (Bldg 709 demolished)	Not Located	No		REC SRCH POS, interview POS, Magnetic search neg, No UST found			

Ordnance Storage Locations

Building	Name / Function	Concern / Status	Released from Ordnance Concerns
ORDLAND-04	Formally Used Dredge Ponds (17-A)	Ordnance contaminated property.	Yes
ORDLAND-13	Formally Used Dredge Ponds (Parcel 17-C)	Ordnance contaminated property.	Yes

NNPP and G-RAM Survey Locations

Building	NNPN	G-RAM	NNPP Remarks	G-RAM Remarks	Navy Released?	Agency Concurred?
ORDLAND-04		G		Formerly used dredge ponds (Parcels 17-A, 17-C and 17F)	Yes	Yes

Facilities/areas designated as "N" or "G" required radiological surveys, based on their history of use, to document the absence of radioactivity.
 Facilities/areas designated as "(N)" or "(G)" have no history of radiological usage, but are being surveyed as an added measure of protection.

Parcel Closure File Information

Check List No.	Def Item No.	Concern Code	Description of Problem	Correction Comment	Prob Corrected	Date of Correction
A	27		Wetlands and fill	Info only		
2	1		Adjacent IR sites, poss. contamination	Info only		
15	5	7	Red discoloration in water	No discoloration found, no action required	Yes	3/15/95
15	4	28	Cable protruding from ground	Inspected, no action required	Yes	2/27/95
13	3	99	Piles of fill	Info only		
12	2	99	Odor @ NE corner of parcel	Surveyed, no action required	Yes	3/15/95
11	1	1	Dredge fill & abrasive blast fill	To be cleaned in IR program, no action required	Yes	3/1/95

MARE ISLAND ENVIRONMENTAL REPORT

Printed: 10/25/00

PARCEL NO: 17-E **BRAC Property Class: 6** **Wetlands - North Mare Island Straits Area**

Parcel Usage

Planned Use Wetlands
Current Uses: North Mare Island Straits area; stores concrete, paving, dirt, etc.
Former Uses: North Yard Building Ways Staging Area

Topography/Geology/Soil/Water/Ecological

Flat, level. Bay mud (Qbm)/Made land (Engineered fill)(Ma). **Elevation:** 0-10 ft
Estimated Area: 32.7407 Acres
Ground Water: Possible contamination from IR03 and IR07 (south of Causeway St). **Archeological:** None
Water Level: 0-2 ft. **Water Flow Direction:** North **Ecological:** Endangered Species Habitat

Environmental Summary

Adjacent Parcels:	7	No. of PA/SIParcels:	4	Radiological Surveys:	4	Haz Waste Treatment Facilities:	0
Buildings/Sites:	3	Tanks/OWSs:	0	Number of Spills:	0	Historical Resources:	3
Utilities by Parcels:	6	PCB Contaminated Equipm:	0	Haz Waste Accumulation Sites:	0	Lead Paint Survey:	0
IR Sites:	0	Ordnance Locations:	0	Haz Waste Storage Sites:	0	Number of Parcel Closure Items:	24
Radon Survey:	0	Asbestos Sites:	9	Backflow Prevention Items:	2		
Closed Buildings:	3	Closed Building Items:	25				

Rationale for Initially Assigning BRAC Property Class - 7

Building 593: G-RAM.

Rationale for Revising BRAC Property Class

Area has been evaluated.

Adjacent Parcel Information

Direction	Adjacent Parcel No.	Prop Class	COMMENT
East	18-A	6	Submerged Land.
North	01-Q2	6	Parcels are separated by raised pier road.
South	03-L1	6	Parcels are separated by Causeway Street.

Former Mare Island Naval Shipyard EBS Supplement

Parcel No: 17-E

DS.0292.14790

PARCEL NO: 17-E BRAC Property Class: 6 Wetlands - North Mare Island Straits Area

Adjacent Parcel Information

Direction	Adjacent Parcel No.	Prop Class	COMMENT
South	03-L2	6	Parcels are separated by Causeway Street.
West	01-N	6	Parcels are separated by unpaved road and fence.
West	01-O	2-5	Parcels are separated by unpaved road and fence.
West	01-Q1	1	Parcels are separated by unpaved road and fence.

Building/Site Descriptive Data

Building	Map Quad	Type *	Name	Hist. Distr.	Remarks	Year Built	Year Demo	Total SqFt	Bldg Resp	Building Closure Date
593	I-1	P	Decon Facility		FORMER X72 DECONTAMINATION FAC.	1942		2,848	SY	2/29/96
643	I-1	P	Electric Distribution Center			1942		1,914	SY	
WAYS 4	I-0/I-1	D					UNK		SY	
WAYS 5	J-0/J-1	D					UNK		SY	
WAYS 6	J-0/J-1	D					UNK		SY	
WAYS 7	J-0/J-1	D					UNK		SY	
WAYS 8	J-0/J-1	D					UNK		SY	

Building/Site Environmental Data Summary

Building	IR Sites	PA_SI Sites	HMS (#)	HW AS (Op)	HW AS (Cl)	HW TS	Haz Vis-ual	PCB (Rm)	PCB (IP)	PCB Ord (NR)	Spills	ASB (Tot)	ASB (Rd)	UST (Rm)	UST (IP)	AST (Rm)	AST (IP)	OWS (Rm)	OWS (IP)	Lead Paint	NNPP GRAM	Ra- don Srvy
593		SWMU-002/SWMU-108/					6	2				2	2									G
643							3					2	2								N	
WAYS 4																						
WAYS 5																						
WAYS 6												3										
WAYS 7																						
WAYS 8																						

Note: (#) = no. of sites/locations/spills/etc.; (Op) = # open; (Cl) = # closed; (Rm) = # removed; (IP) = # in place and/or suspect; (Tot) - Total # of potential Asbestos sites; (Rd) - # Remediations required of Damaged and Friable asbestos sites; (NR) = Not Released for ordinance

Building/Site Uses/Concerns/BRAC Class Rationale

MARE ISLAND ENVIRONMENTAL REPORT

Printed: 10/25/00

PARCEL NO: 17-E BRAC Property Class: 6 Wetlands - North Mare Island Straits Area

Building	Current Uses	Former Uses	Remark	Concern/BRAC Rationale
WAYS 8			Location: E of 589	
WAYS 7			Location: E of 589	
WAYS 6			Location: E of 589	
WAYS 5			Location: E of 589	
WAYS 4			Location: E of 589	
643			Location: North of Causeway, east of California Ave., north of Bldg 491	
593		X72 DECONTAMINATION FAC.	Location: North of Causeway St., east of Railroad Ave., north of bldg 491, north of bldg 643	

Utilities Summary

Identified Utilities	Description	PA/SI No.	IRP No.
ELECTRICAL			
FRESH WATER			
NATURAL GAS	6"-4" LINE ALONG NORTH SIDE OF "G" ST FRONTAGE ROAD.		
SALT WATER			
STORM SEWER	8" ACCMP FROM SUP, 30" RCP FROM SUMP TO NAPA RIVER, 18" CMP AND 36" RCP FROM SHORE INTO NAPA RIVER.		SWMU-093
TRANSFORMERS	A list of all transformers is available on a separate utility report. Transformers with PCBs are listed on parcel, SEBS, and BCT reports in the PCB Contaminated Equipment table.		

Preliminary Assessment / Site Inspection Sites

PA/SI No.	CTO No.	Description
XPASI-013		AMMUNITION HANDLING WATERFRONT AREAS & RESERVE FLEET AREAS
SWMU-108		AREAS OF POTENTIAL RADIUM RELEASES
SWMU-093		STORM SEWER SYSTEM
SWMU-002		RADIOLOGICAL MATERIALS STORAGE

PCB Contaminated Equipment

Note: Transformers, Circuit Breakers, and Rocker Arms only.

Building	Equipment Type	Equipment No.	Relative Location	PCB		Volume (gal.)	Status	Leaker
				Code	Level			
593	Transformer	T-1204	Railroad Av; In Field	R	500	65	Removed	Y
593	Transformer	T-0628	Railroad Av; North end	R	756	96	Removed	N

PCB Code: "<" - PCB level is less than (usually 1); "=" - PCB level has been verified by sampling; ">" - PCB level is greater than (usually 500); "?" - PCB level is not verified (usually refers to zero level); "R" - PCB level indicated before Removal/Replacement/Refilling of original unit

NNPP and G-RAM Survey Locations

Building	NNPP	G-RAM	NNPP Remarks	G-RAM Remarks	Navy Released?	Agency Concurred?

Former Mare Island Naval Shipyard EBS Supplement

Parcel No: 17-E

DS.0292.14790

PARCEL NO: 17-E BRAC Property Class: 6

Wetlands - North Mare Island Straits Area

NNPP and G-RAM Survey Locations

Building	NNPN	G-RAM	NNPP Remarks	G-RAM Remarks	Navy Released?	Agency Concurred?
593		G			Yes	Yes
643	N				Yes	Yes

Facilities/areas designated as "N" or "G" required radiological surveys, based on their history of use, to document the absence of radioactivity. Facilities/areas designated as "(N)" or "(G)" have no history of radiological usage, but are being surveyed as an added measure of protection.

Asbestos Survey Summary

Building	Homo Area	ACM	Description	Location	Qty	Rating	Fri-able	Con-dition	% Dam-age	Recommended Action	Comments	Status
593	H-1	A	Mortar, Basalite Block	Room 100 Walls and Exterior	1380 sf	D-5	Non	D	1	O&M	Mortar and blocks were cracked and broken.	N
593	H-2	A	Roofing, Tar And Gravel	Roof	2821 sf	PD-3	Non	ND	0	O&M		N
643	H-1	A	Cinder Block And Mortar	Room 001	1860 sf	SD-6	Non	SD	30	O&M	Cinder block and mortar was cracked and broken.	N
643	H-2	A	Transite, Circuit board	Room 001	7 sf	PD-3	Non	ND	0	O&M		N
WAYS 6	H-4	A	Floor Tile, 12" White And Beige	Room 102 and 103	273 sf	PD-5	Non	ND	0	O&M		N
WAYS 6	H-5	A	Floor Tile, 12" Grey W/ White	Room 103 Roof	176 sf	PD-5	Non	ND	0	O&M		N
WAYS 6	H-6	A	Sheet Flooring	Room 103 South End Perimeter	20 sf	PD-4	Non	ND	0	O&M		N

Legend: ACM: Y = Yes by sample, N = None by sample, A = Yes by visual inspection Condition: SD = Significantly Damaged, D = Damaged, PD = Potential for Damage, ND = No Damage Qty: SF = Square Feet, LF = Linear Feet Recommended Action: OM = Operation Maintenance Status: R = Remediation Required, C = Remediation Completed, N = No Work, Sat as it.

Backflow Prevention and Cross-Connection Survey

Building	Location	Potential Hazard or Comment	Corrective Action or Comment	Degree of Hazard
593	Outside, E	RPBA on abandoned 1-1/2" line.	Remove RPBA.	Low
593	Inside	No water service.		

Note: The Backflow Prevention and Cross-Connection Survey Report information is a listing of what buildings or locations have Backflow Preventors in the drinking water system throughout Mare Island. The report also lists any potential hazards or comments concerning potential hazards and the correcting actions or comments. Also listed is the degree of hazard for each preventor. For further information see the actual Backflow Prevention and Cross-Connection Survey Report.

Building Closure File Information

Building	Check List No.	Def Item No.	Concern Code	Description of Problem	Correction Comment	Prob Corrected	Date of Correction
593	7	4	41	Bare wires	Taped over bare wires	Yes	9/29/95

MARE ISLAND ENVIRONMENTAL REPORT

Printed: 10/25/00

PARCEL NO: 17-E

BRAC Property Class: 6

Wetlands - North Mare Island Straits Area

Building Closure File Information

Building	Check List No.	Def Item No.	Concern Code	Description of Problem	Correction Comment	Prob Corrected	Date of Correction
593	4d	9	28	Open man hole	Covered man hole opening	Yes	9/29/95
593	7	1	28	Uncapitated fluorescent light	Info only		
593	7	3	28	Rusted pipe - Tripping hazard	Removed rusted pipe from premises	Yes	9/29/95
593	5a		30	Asbestos survey required	Survey completed, remediation finished, BLDG. free	Yes	10/27/95
593	1		34	Signs that hazmat are present & have been presented	Storage of hazmat @ somept. no hazmat @ present	Yes	10/27/95
593	7	8	36	Man hole cover	Info only		
593	1	5	37	Flammable storage locker beyond 5' line	Info only		
593	7	7	39	Broken light fixture	Removed broken light fixture	Yes	9/29/95
593	3a		2	PA/S1 site	Info only		
593	7	10	40	Debris under building	Info only		
593	4e	6	43	Broken door & frame	Removed broken door & frame	Yes	9/29/95
593	7	11	43	Valve cover missing	Replaced missing valve cover	Yes	9/29/95
593	5a		30	Asbestos survey	Survey completed	Yes	10/27/95
593	5a		30	Asbestos survey	Survey completed	Yes	10/27/95
593	7	2	40	Debris	Info only		
643			6	PCB Survey	Survey not complete		
643	8A		30	Asbestos survey	Survey completed		3/11/96
643		3	24	Industrial wastewater issues	Not funded.		
643		4,10	29	Lead weight (removable) abandoned	Not funded.		
643		8	6	Oil contamination - machinery (Facility)	Removed.		6/18/97

Parcel Closure File Information

Check List No.	Def Item No.	Concern Code	Description of Problem	Correction Comment	Prob Corrected	Date of Correction
15	10	36	Valve pit piping	Info only		
11		99	Piles of concrete & brick	Info only		
11	18	10	Pile of sandblast abrasive	Removed	Yes	5/24/95
11	7	99	Active dredge line	Info only		
13	16	30	Pipe insulation pile, poss. asbestos	Removed	Yes	3/17/95
13	19	99	Boiler pipe pile	Info only		
13	2,3,6	36	Vaults water uncovered	Covered steel plates	Yes	2/27/96
13	23	7	Oil sheens in standing water	Inspected, no action req'd	Yes	3/20/95

Former Mare Island Naval Shipyard EBS Supplement

Parcel No: 17-E

DS.0292.14790

MARE ISLAND ENVIRONMENTAL REPORT

Printed: 10/25/00

PARCEL NO: 17-E

BRAC Property Class: 6

Wetlands - North Mare Island Straits Area

Parcel Closure File Information

Check List No.	Def Item No.	Concern Code	Description of Problem	Correction Comment	Prob Corrected	Date of Correction
13	25	99	Debrns	info only		
14	21	99	2 steel storage tanks, empty	Removed	Yes	11/14/95
1		99	Bldgs 643 & 589 not on parcelist	PWC responsibility	Yes	11/15/95
15	1	99	Underground cable warning sign	info only		
A		27	Tidal wetland	info only		
15	13,15	36	Electrical vault	info only		
15	4,12,	28	Open, protruding pipes	12-info only 4 - secured & capped 20- No action req'd	Yes	2/27/96
15	5	99	RR 4 tracks	info only		
15	6,14,	28	Safety hazards: holes, spikes, nails	Holes covered, spikes, nails removed	Yes	2/27/96
15	8	99	Conc, storm sewer pipe storage	info only		
15	9,17	28	Exposed sanitary sewer pipes	Filled in concrete	Yes	2/27/96
2		1	IR' S 03 & 07 adjacent, possible contamination	info only		
6	22	3	Pipes protruding, possible UST	No UST, pipes capped	Yes	2/27/96
7	11	7	Possible drains from Bldg 593	Capped	Yes	2/27/96
9		5	Bldg 593, radiological mat'l storage	info only		
15		4	Ammunition handling history	info only		

MARE ISLAND ENVIRONMENTAL REPORT

Printed: 10/25/00

PARCEL NO: 18-A

BRAC Property Class: 6

Submerged Land

Parcel Usage

Planned Use Wetlands
 Current Uses: Wetlands
 Former Uses: Wetlands

Topography/Geology/Soil/Water/Ecological

Estimated Area: 186.2592 Acres **Elevation:** Sea Level

Ground Water: **Archeological:** None
Water Level: Sea Level ft. **Water Flow Direction:** **Ecological:** None

Environmental Summary

Adjacent Parcels:	5	No. of PA/SIParcel:	1	Radiological Surveys:	2	Haz Waste Treatment Facilities:	0
Buildings/Sites:	3	Tanks/OWSs:	0	Number of Spills:	0	Historical Resources:	3
Utilities by Parcels:	0	PCB Contaminated Equipm:	0	Haz Waste Accumulation Sites:	0	Lead Paint Survey:	0
IR Sites:	0	Ordnance Locations:	0	Haz Waste Storage Sites:	0	Number of Parcel Closure Items:	18
Radon Survey:	0	Asbestos Sites:	0	Backflow Prevention Items:	0		
Closed Buildings:	0	Closed Building Items:	0				

Rationale for Initially Assigning BRAC Property Class - 7

Rationale for Revising BRAC Property Class

Area has been evaluated.

Adjacent Parcel Information

Direction	Adjacent Parcel No.	Prop Class	COMMENT
East	18-B	6	Mare Island Strait, San Pablo Bay
North	18-B	6	Mare Island Strait, Mare Island
North	21		Adjacent City Properties on River Way Ln

Former Mare Island Naval Shipyard EBS Supplement

Parcel No: 18-A

DS.0292.14790

PARCEL NO: 18-A BRAC Property Class: 6 Submerged Land

Adjacent Parcel Information

Direction	Adjacent Parcel No.	Prop Class	COMMENT
South	18-B	6	San Pablo Bay, Mare Island
West	-	-	Mare Island

Building/Site Descriptive Data

Building	Map Quad	Type	Name	Hist. Distr.	Remarks	Year Built	Year Demo	Total SqFt	Bldg Resp	Building Closure Date
ORDLAND-03	J-0	N	Water Area - North Shore Pier (18-A)	Yes					SY	
WH2	I-0	D	N Timber Wharf 51-52			1985			SY	

Building/Site Environmental Data Summary

Building	IR Sites	PA_SI Sites	HMS (#)	HW AS (Op)	HW AS (Cl)	HW TS	Haz Visual	PCB (Rm)	PCB (IP)	Ord (NR)	Spills (Tot)	ASB (Rd)	UST (Rm)	UST (IP)	AST (Rm)	AST (IP)	OWS (Rm)	OWS (IP)	Lead Paint	NNPP	GRAM	Ra-don Srvcy		
ORDLAND-03																								
WH2																								

Note: (#) = no. of sites/locations/spills/etc.; (Op) = # open; (Cl) = # closed; (Rm) = # removed; (IP) = # in place and/or suspect; (Tot) - Total # of potential Asbestos sites; (Rd) - # Remediations required of Damaged and Friable asbestos sites; (NR) = Not Released for ordnance

Building/Site Uses/Concerns/BRAC Class Rationale

Building	Current Uses	Former Uses	Remark	Concern/BRAC Rationale
WH2			Location: E of 643	
ORDLAND-03				

Preliminary Assessment / Site Inspection Sites

PA/SI No.	CTO No.	Description
XPAS/I-013		AMMUNITION HANDLING WATERFRONT AREAS & RESERVE FLEET AREAS

Ordnance Storage Locations

Building	Name / Function	Concern / Status	Released from Ordnance Concerns
ORDLAND-03	Water Area - North Shore Pier (18-A)	Ordnance contaminated property.	Yes

Parcel Closure File Information

Former Mare Island Naval Shipyard EBS Supplement Parcel No: 18-A DS.0292.14790

MARE ISLAND ENVIRONMENTAL REPORT

Printed: 10/25/00

PARCEL NO: 18-A BRAC Property Class: 6 Submerged Land

Check List No.	Def Item No.	Concern Code	Description of Problem	Correction Comment	Prob Corrected	Date of Correction
15	16	7	Fuel line in wate	SUBI responsibility	Yes	10/30/95
10	3	31	Floating crane	info only		
11	4	99	Dredge lines	info only		
12	5	28	Diesel odor near salt water valves	Cleared	Yes	12/15/95
15	10,11	31	Hoses in water	Removed	Yes	10/30/95
15	12	31	Police boat	info only		
15	13	31	6 PT boats	info only		
10	2	31	Barge	info only		
15	15	31	Dredge pipe & equipment	info only		
A		27	Wetland, seawall	info only		
15	6	99	Breakwater	info only		
15	7	28	Pipes protruding into water	Abandoned air pipe, no action req'd	Yes	12/11/95
15	8	28	Ladder tied to deck	info only		
15	9	28	Dead seagull	Removed	Yes	10/30/95
3		26	SE seawall historic area	info only		
7	1	28	Broken pipe discharging water under pier	Cleared	Yes	12/5/95
8		6	PCB sites	info only		
15	14	31	OSCAR boat	info only		

APPENDIX I
RESPONSIVENESS SUMMARY

**RESPONSIVENESS SUMMARY FOR
DRAFT FINDING OF SUITABILITY TO TRANSFER PARCEL XV-A
MARE ISLAND VALLEJO, CALIFORNIA
OCTOBER 31, 2000**

The Department of the Navy received no comments from the public or regulators on the "Draft Finding of Suitability to Transfer Parcel XV-A, Mare Island, Vallejo, California" dated October 31, 2000.