Exhibit E-4

1 2 2	EXECUTION VERSION 1-25-12
3 4 5 6	All correspondence in connection with this contract should include reference to N4769212RP12P31
7	
8 9	
10	
11 12	LEASE IN FURTHERANCE
13	OF CONVEYANCE
14 15	OF CONVETANCE
16	
17	BETWEEN
18 19	
20	THE UNITED STATES OF AMERICA
20	
22	
23 24	AND
24 25	
26	LOCAL REDEVELOPMENT AUTHORITY
27	FOR
28	NAVAL STATION ROOSEVELT ROADS
29	
30	AT THE FORMER
31	
32	NAVAL STATION ROOSEVELT ROADS
33	CEIBA, PUERTO RICO
34	
35	

#### LEASE IN FURTHERANCE OF CONVEYANCE BETWEEN THE UNITED STATES OF AMERICA AND LOCAL REDEVELOPMENT AUTHORITY FOR NAVAL STATION ROOSEVELT ROADS

#### **TABLE OF CONTENTS**

1.	LEASE PREMISES	2
2.	TERM	3
3.	CONSIDERATION	3
4.	USE OF LEASE PREMISES	
5.	ASSIGNMENT OR SUBLETTING	3
6.	JOINT INSPECTION REPORT	3
7.	ENVIRONMENTAL CONDITION OF PROPERTY AND FINDING OF	
	SUITABILITY TO LEASE	4
8.	ALTERATIONS	5
9.	ACCESS BY GOVERNMENT	6
10.	UTILITIES	6
11.	NO INTERFERENCE WITH NAVY OPERATIONS	6
12.	MAINTENANCE SERVICES	6
13.	ENVIRONNEMENTAL PROTECTION PROVISIONS	7
14.	ENVIRONMENTAL REMEDIATION	13
15.	TERMINATION	13
16.	INDEMNIFICATION BY LESSEE - GOVERNMENT NON-LIABILITY	15
17.	LESSEE'S LIABILITY EXTENDS TO ITS CONTRACTORS AND	
	SUBLESSEES	16
18.	INSURANCE	16
19.	LABOR PROVISION	17
20.	SUBMISSION OF NOTICES	20
21.	STORAGE	21
22.	AUDIT	22
23.	RESERVED	22
24.	AGREEMENT	22
25.	FAILURE TO INSIST ON COMPLIANCE	22
26.	DISPUTES	22
27.	COVENANT AGAINST CONTINGENT FEES	23
28.	OFFICIALS NOT TO BENEFIT	
29.	MORTGAGE OF LEASEHOLD INTERESTS	23
30.	LIENS	25

i

31.	TAXES	25
32.	SUBJECTION TO EXISTING AND FUTURE EASEMENTS AND RIGHTS	
	OF WAY	
33.	INGRESS-EGRESS	25
34.	ADMINISTRATION	26
35.	SURRENDER	26
36.	APPLICABILITY OF LAW	26

#### LIST OF EXHIBITS

Exhibit "A":	Lease Premises
Exhibit "A-1":	Description of Wastewater Utility System
Exhibit "B":	Finding of No Significant Impact
Exhibit "C":	Joint Inspection Report
Exhibit "D":	Finding of Suitability to Lease

#### LEASE IN FURTHERANCE OF CONVEYANCE BETWEEN THE UNITED STATES OF AMERICA AND THE LOCAL REDEVELOPMENT AUTHORITY FOR NAVAL STATION ROOSEVELT ROADS

THIS LEASE, made this 25 <sup>th</sup> day of January 2012 by and between THE UNITED STATES OF AMERICA, acting by and through the Department of the Navy, hereinafter called the "Government", and THE LOCAL REDEVELOPMENT AUTHORITY FOR NAVAL STATION ROOSEVELT ROADS, hereinafter called the "Lessee."
WITNESSETH:
WHEREAS, the Government has declared certain real and personal property surplus at
the former Naval Station Roosevelt Roads, Ceiba, Puerto Rico ("NSRR"); and
WHEREAS, by application dated 17 December 2010, the LRA applied for an Economic
Development Conveyance ("EDC") of approximately one thousand and three hundred and
seventy (1,370) acres to be used and developed in accordance with the reuse plan submitted in
December 2004, as amended on 30 April 2010 by the "Roosevelt Roads Redevelopment
Addendum to the 2004 Reuse Plan" ("Reuse Plan"); and
WHEREAS, the Government, on 16 September 2011, approved an EDC to the NSRR
LRA for the sale and transfer of approximately 1370.20 acres of surplus property at the former
NSRR; and
WHEREAS, the Government and the Lessee entered into that certain Economic
Development Conveyance Memorandum of Agreement dated December 20, 2011 ("EDC
Agreement"); and
WHEREAS, a Finding of No Significant Impact (FONSI) consistent with the Reuse Plan
presented by the Local Redevelopment Authority for Naval Station Roosevelt Roads (NSRR
LRA) in 2004 was issued 10 April 2007, and a subsequent FONSI was executed on 26 September 2011 for a Supplemental Environmental Assessment prepared to evaluate potential
impacts of the NSRR LRA's April 2010 Reuse Plan Addendum; and
Impacts of the NSKK LKA'S April 2010 Reuse Flan Addendum, and
WHEREAS, the Lessee has been approved as the recipient of multiple parcels of land
and improvements which together make up the entire EDC conveyance comprised of $1370.20\pm$

#### NSRR LEASE IN FURTHERANCE OF CONVEYANCE Page 2.

acres to be conveyed, including the Lease Premises, as defined below, which total 356.1230
 acres; and

4 WHEREAS, Lessee has an immediate need to use the Lease Premises, as hereinafter 5 defined; and

WHEREAS, further environmental remediation of the Lease Premises is necessary before the Lease Premises can be conveyed to Lessee in fee; and

10 WHEREAS, the Secretary of the Navy, pursuant to the provisions of 10 U.S.C. 11 §2667(g)(1), has determined that this Lease will facilitate Commonwealth and local economic 12 adjustment efforts pending final disposition of the Lease Premises; and

14 WHEREAS, the Secretary of the Navy, pursuant to 10 U.S.C. § 2667(g)(1) and (2) has 15 determined that a public interest will be served as a result of this Lease; and

WHEREAS, the Government is amenable to such a Lease with the Lessee upon the
 terms and conditions hereinafter set forth.

NOW, THEREFORE, in consideration of the terms, covenants, and conditions
 hereinafter set forth, the Government and the Lessee hereby agree as follows:

1.

#### LEASE PREMISES.

1.1 The term, "Lease Premises" as used in this Lease, shall mean those
facilities and/or land areas identified in Exhibit "A" to this Lease, as and if modified, and all
improvements thereon.

1.1.1 As of the Execution Date, the Government is in the process of shutting down the wastewater utility system at NSRR. Following completion of the shut-down process in accordance with all applicable laws and regulations, the Government shall provide written notice of such shut-down to the Lessee and, upon receipt of such written notice by the Lessee, the wastewater utility system, as described in **Exhibit "A-1"** to this Lease, shall automatically become part of the Lease Premises.

35

3

6

78

9

13

16

19

23

24

28

36 1.2 Government does hereby lease, rent, and demise to Lessee, and Lessee
 37 does hereby hire and rent from the Government the Lease Premises together with the right of
 38 ingress and egress thereto.

39

Lessee shall monitor for archeological artifacts during its construction
 activities and shall take appropriate action should any artifacts be discovered in accordance with
 the Memorandum of Agreement between the United States Navy and the Puerto Rico Historic

### NSRR LEASE IN FURTHERANCE OF CONVEYANCE Page 3.

Preservation Officer concerning the disposal of Naval Activity Puerto Rico executed September
 28, 2011.

2. <u>TERM</u>. The term of this Lease shall be for a period of twenty (20) years, beginning on January 25, 2012 and ending on January 25, 2032, unless terminated earlier in accordance with the provisions of Paragraph 15.

- 8 3. <u>CONSIDERATION</u>. The consideration for this Lease is the consideration 9 provided by the Lessee to the Government pursuant to the EDC Agreement.
- 4. <u>USE OF LEASE PREMISES</u>. Lessee may use the Lease Premises for those uses
   permitted in the EDC Agreement.
- 13 14

15

10

3

7

5. <u>ASSIGNMENT OR SUBLETTING</u>.

16 5.1 Lessee may sublease the Lease Premises without the prior approval of 17 Government; provided, however, that in the event that the terms and conditions of this Lease and 18 a sublease contradict, the terms and conditions of this Lease shall take precedence. 19

5.2 Any sublease granted by the Lessee shall contain a copy of this Lease as an attachment and shall be subject to all terms and conditions of this Lease except for Paragraph 18.2.2 and shall terminate immediately upon the expiration or any earlier termination of this Lease, without any liability on the part of the Government to the Lessee or any sublessee. Under any sublease made, the sublessee shall be deemed to have assumed all of the obligations of the Lessee under this Lease. No sublease shall relieve the Lessee of any of its obligations hereunder.

5.3 The Lessee shall provide to the Government a fully executed copy of any sublease executed hereunder within ten (10) days of the date of its execution. Within ten (10) days of receipt of such sublease, the Government may send a written notice to the Lessee that the sublease must be amended if the terms of the sublease either (i) interfere with the Government's environmental remediation of the Lease Premises, or (ii) contradict a material term or condition of this Lease.

34 5.4 The Lessee shall neither transfer nor assign this Lease or any interest 35 therein or any property on the Lease Premises without the prior written approval of the 36 Government.

37 38

39

33

26

6. <u>JOINT INSPECTION REPORT</u>.

40 6.1 Prior to the execution of this Lease, and except as set forth in Paragraph
41 6.2, a joint inspection was conducted by representatives of the Lessee and the Government of the
42 Lease Premises; a report was made of the condition of the Lease Premises and any deficiencies

#### NSRR LEASE IN FURTHERANCE OF CONVEYANCE Page 4.

1 found to exist were noted in the report as described in Exhibit "C" attached hereto (the "Joint 2 Inspection Report"). Each inventory prepared for the Joint Inspection Report, upon completion, was identified by building or facility number. The Joint Inspection Report is signed and dated by 3 4 both parties to this Lease. The Lease Premises delivered to the Lessee shall be delivered "as-is, where-is", and, as such, the Government makes no warranty as to such facilities and property 5 either as to their usability generally or as to their fitness for any particular purpose. At the 6 7 termination of this Lease, Lessee shall turn over to the Government the Lease Premises in the 8 same condition that existed on the date the respective sublease was executed as reflected in the Joint Inspection Report, subject, however, to ordinary wear and tear and conformance with the 9 EDC Agreement. The Government and the Lessee will jointly conduct a close-out inventory and 10 condition survey of the Lease Premises on the date of termination or expiration of this Lease. 11 12 All significant variances from the original Joint Inspection Report shall be clearly documented. The close-out report shall be completed within thirty (30) days after termination or expiration of 13 this Lease and will constitute the basis for settlement by the Lessee for any of the Lease Premises 14 shown to be lost, damaged or destroyed, subject, however, to ordinary wear and tear. 15 16

17 6.2 SWMU 11 (Building 38) and SWMU 77 (Former Small Arms Range). A Joint Inspection Report was not completed with respect to SWMU 11 (Building 38) and SWMU 18 77 (Former Small Arms Range) on the Lease Premises. The Lessee is prohibited from entering 19 SWMU 11 (Building 38) and SWMU 77 (Former Small Arms Range). Security, maintenance, 20 repair, upkeep and inspection of the interior, exterior and subsurface of SWMU 11 (Building 38) 21 and SWMU 77 (Former Small Arms Range) shall be the responsibility of the Government. The 22 23 Lessee's tenancy with respect to SWMU 11 (Building 38) and SWMU 77 (Former Small Arms Range) is acknowledged by the Government to place no obligations upon the Lessee other than 24 to be excluded from entry onto SWMU 11 (Building 38) and SWMU 77 (Former Small Arms 25 Range). In the event of an emergent circumstance affecting SWMU 11 (Building 38) and 26 SWMU 77 (Former Small Arms Range), the Lessee, its agents, contractors and area first 27 responders shall not respond or take any other action related to SWMU 11 (Building 38) and 28 29 SWMU 77 (Former Small Arms Range).

30

31 7. ENVIRONMENTAL CONDITION OF PROPERTY AND FINDING OF SUITABILITY TO LEASE. An Environmental Condition of Property Report ("ECP") was 32 prepared for the Lease Premises on 15 July 2005 and is incorporated by reference herein. A 33 Finding of Suitability to Lease ("FOSL") for the Lease Premises prepared by the Government is 34 attached as Exhibit "D" and made a part of this Lease. The ECP sets forth the existing 35 environmental conditions of the Lease Premises as represented by a baseline survey which has 36 been conducted by the Government. The FOSL sets forth the basis for the Government's 37 determination that the Lease Premises are suitable for leasing. Lessee and sublessees are hereby 38 made aware of the notifications contained in the ECP and FOSL and shall comply with all 39 40 restrictions set forth therein.

#### NSRR LEASE IN FURTHERANCE OF CONVEYANCE Page 5.

1 2

#### 8. ALTERATIONS.

3 Prior to undertaking any substantial construction, demolition, alterations, 8.1 additions or improvements on the Lease Premises, the Lessee shall provide written notification to 4 the Government's Authorized Contracting Officer or his authorized representative. Within 5 6 fifteen (15) days of the receipt of the notification, the Government shall determine whether such addition or alteration is to be disallowed because it will adversely impact the Government's 7 ability to complete its environmental remediation obligations on the Lease Premises. In the 8 event the Government determines that any addition or alteration is disallowed, a notice of 9 disallowance shall be forwarded to the Lessee. Upon disapproval, the Lessee shall not be 10 authorized to commence or cause to commence the alteration or placement of the addition that is 11 the subject of the notification without further Government approval. In the event that the 12 Government does not respond to Lessee within such fifteen (15) day period, then the proposed 13 addition or alteration shall be deemed approved. 14

15

16 8.2 The Lessee shall not construct, or make or permit its sublessees or assigns 17 to construct or make, any substantial alterations, additions, or improvements to, or installations 18 upon, or otherwise modify or alter the Lease Premises in any way which may adversely affect 19 the cleanup, human health, the environment or, the historical character in compliance with the National Historic Preservation Act, without the prior written consent of the Government. Such 20 21 consent may involve a requirement to provide the Government with a performance and payment bond satisfactory to it in all respects and other requirements deemed necessary to protect the 22 interests of the Government. For construction or alterations, additions, modifications, 23 improvements or installations (collectively "work") in the proximity of solid waste management 24 units (SWMU) that are part of a Navy Installation Restoration Program, such consent may 25 include a requirement for written approval by the Government's BRAC Environmental 26 Coordinator (BEC). Upon termination, revocation, or surrender of this Lease, in whole or in 27 28 part, the Lessee shall, at the option of and to the extent directed by the Government, either: 29

30 8.1.1 Promptly remove all alterations, additions, modifications, improvements, and installations, including, but not limited to, Lessee's or sublessee's trade 31 fixtures, made or installed on the Lease Premises subject to the termination, revocation or 32 surrender, and restore the same to the same or as good condition as existed on the date of the 33 respective sublease as reflected in the Joint Inspection Report, subject, however, to ordinary wear 34 35 and tear; or

36

37 8.1.2 Abandon such additions or alterations to the Lease Premises, 38 subject to the termination, revocation, or surrender in place, at which time title to said alterations, improvements, and additions shall vest in the Government. 39 40

Notwithstanding anything set forth herein to the contrary, Lessee or its 41 8.2 sublessee may, at its (or their) sole discretion, remove any of its (or their) equipment or trade 42

### NSRR LEASE IN FURTHERANCE OF CONVEYANCE Page 6.

fixtures installed on the Lease Premises subject to termination, revocation, or surrender, or attached to the Lease Premises, provided, however, it (they) shall restore the Lease Premises to the condition that existed on the date of the respective sublease, as reflected in the Joint Inspection Report, subject, however, to ordinary wear and tear.

5

17

6 ACCESS BY GOVERNMENT. In addition to access required under Paragraphs 9. 7 13.6 and 13.10, at all reasonable times throughout the term of this Lease, the Government shall 8 be allowed access to the Lease Premises for any purposes upon notice to the Lessee. 9 Government normally will give Lessee and any sublessee 24-hour prior notice of its intention to 10 enter the Lease Premises unless it determines that entry is required for safety, environmental, operations or security purposes. Lessee shall have no claim against the Government, except for 11 claims allowed for and limited by the Federal Tort Claims Act, 28 U.S.C. 2671, et seq., on 12 account of any entry onto the Lease Premises by the Government (including any officer or 13 employee of the Government) or as otherwise permitted by law. All necessary keys to the Lease 14 Premises occupied by the Lessee or any sublessee shall be made available to the Government 15 16 upon request.

18 10. <u>UTILITIES</u>. All utilities located on the Lease Premises, including but not limited 19 to electricity, water, gas, sewer, and telephone, may be operated and maintained by the Lessee or 20 the appropriate utility provider, in their sole discretion. Any costs associated with such 21 operations and maintenance shall be the responsibility of the Lessee. It is expressly agreed and 22 understood that the Government in no way warrants the condition or adequacy of such utility 23 systems for the purposes intended. It is also expressly agreed and understood that neither the 24 Government nor the Lessee is in any way obligated to provide any utility service whatsoever.

11. <u>NO INTERFERENCE WITH NAVY OPERATIONS</u>. The Lessee shall not conduct or allow to be conducted any operations, nor make or allow to be made any alterations, that would interfere with or otherwise restrict Navy operations or environmental clean-up or restoration activities by the Government, EPA, Commonwealth of Puerto Rico, or their contractors. Environmental clean-up, restoration, or testing activities by these parties shall take priority over the Lessee's use of the Lease Premises in the event of any conflict.

32 33

34

25

12. <u>MAINTENANCE SERVICES</u>.

35 12.1 It is understood and agreed that Lessee shall, at its own expense, protect 36 and maintain, or cause to be protected and maintained, the Lease Premises, subject to normal 37 wear and tear, so that no further environmental releases on the Lease Premises occur.

12.2 The Lessee shall not undertake any actions that would interfere with or
 impede the Government's environmental remediation of the Lease Premises.

41

### NSRR LEASE IN FURTHERANCE OF CONVEYANCE Page 7.

Subject to the approval of the Government in accordance with Paragraph 1 12.3 8.1, the Lessee is permitted to demolish any improvements on the Lease Premises in accordance 2 with applicable law and regulation. 3 4 5 12.4 The Lessee must not commit waste of any kind except as authorized in 6 writing by the Government. 7 8 13. ENVIRONMENTAL PROTECTION PROVISIONS. 9 10 RCRA Section 7003 Administrative Order on Consent. Lessee is hereby 13.1 11 notified that the Lease Premises are regulated under an Administrative Order on Consent (Consent Order) between the Navy and the Environmental Protection Agency, Region II under 12 section 7003 of the Resource Conservation and Recovery Act (RCRA) that requires the 13 Government to perform corrective actions at Solid Waste Management Units (SWMUs) and 14 Areas of Concern (AOCs). Where required by Federal Law, actions necessary for the 15 Government to comply with the Consent Order shall take precedence over all other provisions of 16 17 this Lease. 18 19 13.1.1 The Consent Order shall require corrective actions at the following 20 SWMUs within the Lease Premises: 21 22 • SWMU 3, Base Landfill - Approximately 110.228 acres. The unlined landfill was used since the early 1960s. The active portion (a lined 35-acre cell within the 23 limits of the old 85-acre landfill) was closed and capped in 2007. 24 25 SWMU 9, Tank 212-217 Sludge Burial Pits – Approximately 42 acres in two 26 non-contiguous areas referred to as SWMU 9 A/B (36.114 acres) and SWMU 9C 27 (6.27 acres). Unlined, earthen pits in which petroleum sludges were buried after 28 tank cleanings between 1940 and 1978. 29 30 31 SWMUs 11/45, Old Power Plant (Building 38 Interior/Exterior) -• Approximately 15 acres. SWMU 11 (0.728 acres) is the interior of Building 38, 32 including a former concrete pad where transformers and transformer fluids 33 containing PCBs were stored. SWMU 45 (14.586 acres) is the exterior of 34 Building 38 where transformer oils containing PCBs were routinely discarded 35 directly onto the ground, and includes the path of the cooling water intake tunnel 36 from Puerca Bay. There are two closed in place 50,000-gallon underground 37 storage tanks (USTs) associated with SWMUs 11/45. 38 39 40 • SWMUs 27, 28, 29, Waste Water Treatment Plants Sludge Drying Beds, Capehart, Bundy and Forrestal Plants, Respectively - Approximately 0.405 41 acres for SWMU 27, 1.17 acres for SWMU 28, and 2.735 acres for SWMU 29. 42

Sludge from the waste water treatment plants would be placed in the drying beds and allowed to dry before properly disposing of the sludge. Includes the sludge drying beds at each of the three waste water treatment plants and adjacent property undergoing soil investigation.

- SWMU 31, Waste Oil Collection Area, Buildings 31 and 2022 Approximately 0.6 combined acres with SWMU 32. Located in the Public Works Department storage yard near the Transportation Shop, it consists of a curbed, concrete pad used for temporary outdoor storage of waste oil containers. During a 1993 inspection, oil staining surrounded the storage pad.
- SWMU 32, Public Works Department Storage Yard/Battery Collection Area – Approximately 0.55 combined acres with SWMU 31. In 1988, it was an outdoor area where discarded batteries were stored. Approximately 100 55-gallon drums of contaminated jet fuel and soil were observed stored on wooden pallets resting on bare ground during the 1993 follow-up investigation. Along with these drums, an area of stained soil was visible, discarded batteries were noted, and a small, partially open, uncurbed storage building ("paint locker") contained cans.
- SWMU 57 (ECP 3), POL Drum Storage Area (Facility 278) Approximately 2.150 acres. Rectangular concrete pad approximately 100 feet by 160 feet in size. Used as Petroleum, Oils and Lubricants (POL) drum storage facility from the 1950s to the 1990s.
- SWMU 59 (ECP 5), Former Vehicle Maintenance and Refueling Area Approximately 10.006 acres. Includes Buildings 377, 2344, and 2345. Used from the 1940s to the 1980s, and contained drums, vehicle racks, USTs (unknown quantity and disposition), and fuel islands. The majority of the site is presently covered by paving.
- SWMU 60 (ECP 6), Former Landfill at the Marina Approximately 11.996 acres. Used as a landfill (scrap disposal) from the 1940s to the 1960s, with piles of solid waste and scrap metal. The marina now covers most of the site, except for a level area described as estuarine intertidal scrub-shrub broad-leafed evergreen.
- SWMU 67 (ECP 13), Former Gas Station Approximately 5.495 acres. Located on east side of Langley Drive north of the tennis courts in a level area covered with secondary growth vegetation. A concrete pad and building foundation are present north of the tennis courts in the woods. No UST has been identified.

### NSRR LEASE IN FURTHERANCE OF CONVEYANCE Page 9.

1 SWMU 70 (ECP 16), Disposal Area Northwest of Landfill – Approximately 2 55.153 acres. Located northwest of the current base landfill, it is a construction 3 debris and/or solid waste disposal site with potential disposal of POLs and/or hazardous materials containers. 4 5 6 SWMU 74 (ECP 20), Fuel Pipelines and Hydrant Pits - Site consists of four non-contiguous portions of the JP-5 fuel pipeline totaling approximately 20.737 7 8 acres. 9 10 SWMU 77, Closed Small Arms Range – Approximately 66.18 acres. A closed small arms range and potential, former open burning/open detonation (OB/OD) 11 area located on the peninsula at Punta Medio Mundo. An investigation is being 12 performed for the potential OB/OD sites and the small arms range. 13 14 15 SWMU 78, Transformer Storage Pad – Approximately 2.793 acres. Located off of Hollandia Street, near the intersection of Forrestal Drive and Valley Forge 16 Road. The suspected release is associated with a raised concrete-curbed pad that 17 formerly stored approximately 25 (non-PCB) transformers. 18 A small area 19 (approximately 10 feet by 3 feet) of stained soil and stressed vegetation was 20 observed at the discharge of the drainage valve. 21 22 AOC F, Site of Four Former USTs (USTs 124A-D; Building 124) -23 Approximately 1.231 acres. AOC F 124 was the location of former USTs 124A 24 (2,000-gallon motor gasoline tank), 124B and 124C (5,000-gallon motor gasoline tanks), and 124D (550-gallon waste oil tank) which were removed in 1996 and 25 replaced by two motor gasoline USTs and one diesel UST. After the tank 26 removals and subsequent investigation, the site was recommended for remedial 27 action by monitored natural attenuation. 28 29 30 AOC F, Site of Four Former USTs (USTs 1738A-D; Building 1738) -Approximately 5.195 acres. After the removal of three 10,000-gallon motor 31 gasoline USTs and one 550-gallon waste oil UST at this site in 1995, and the 32 33 subsequent investigation, the site was recommended for remedial action by monitored natural attenuation, and a Methyl Tertiary Butyl Ether (MTBE) 34 35 groundwater remediation pilot study is in the planning stages. 36 37 AOC F, Site of 1 former UST (UST 2842B; Building 3188) - Approximately 1.53 acres. After the removal of this 5,000-gallon diesel UST in 1997, and the 38 subsequent investigation, the site was recommended for remedial action by 39 monitored natural attenuation. 40 41

# NSRR LEASE IN FURTHERANCE OF CONVEYANCE Page 10.

13.1.2 No provision of this Lease and no act of Lessee or any sublessee on the Lease Premises shall affect, impact or diminish any rights that the Lessee may have under 42 U.S.C. 9620(h), including any right that Lessee may have thereunder related to the transfer of any other part, area or parcel of the NSRR.
13.2 To prevent unacceptable risks to human health and the environment, Lessee shall comply with all land use controls (LUCs) for the Lease Premises including the following:
<ul> <li>SWMU 3, 9, 11, 45, 57, 59, 60, 67, 70, 74, 77, 78, AOC F, Site of 4 former USTs (USTs 1738A-D; Building 1738), AOC F, Site of 1 former UST (UST 2842B, Building 3188) – A restriction on land use to non-residential uses only.</li> </ul>
<ul> <li>SWMU 3, 9, 45, 57, 59, 60, 67, 70, 74, 27/28/29, 77, 78, AOC F, Site of 4 former USTs (USTs 1738A-D; Building 1738), AOC F, Site of 1 Former UST (UST 2842B; Building 3188) – A restriction on access and/or certain invasive activities in areas where surface soil, subsurface soil and or sediments are contaminated.</li> </ul>
• A restriction on use of groundwater and installation of new wells in or near areas of known groundwater contamination.
• SWMU 27/28/29 – A requirement to protect the integrity of any existing and all future groundwater monitoring or extraction wells, remedial action equipment and associated utilities until remediation is complete and federal and Commonwealth cleanup standards have been met.
• A requirement that all ongoing and future environmental investigations and remedial activities at or adjacent to the Subject Property not be disrupted.
• Maintenance, Monitoring, and Inspection Activities for Landfill cap at SWMU 3 – As outlined in the Landfill Closure and Post-Closure Plan, May 2005, the Lessee will not impact or change the contours and drainage system for the finished landfill cover. The landfill cover will be mowed to maintain the original vegetation and prevent trees and other deep rooted vegetation from growing into the landfill cover. In addition, mowing will be conducted as necessary to provide access to perimeter monitoring wells. Lessee will ensure that landfill cover is clear of debris, refuse, or equipment. The Lessee will inspect the Landfill for rodents during inspections of the vegetative cover and ensure that the landfill cover is clear of rodents and burrowing animals.

### NSRR LEASE IN FURTHERANCE OF CONVEYANCE Page 11.

1 13.3 The Lessee and its contractors and sublessees hereby assume all 2 responsibility for protection of the environment as related to the Lessee or its contractors or 3 sublessees use of the Lease Premises. The Lessee and its contractors and sublessees shall be 4 responsible for compliance with all applicable Federal, Commonwealth, and local laws, 5 regulations, and standards that are or may become applicable to Lessee's activities on the Lease 6 Premises and to the environment.

7

8 13.4 The Lessee and any sublessee shall be solely responsible for obtaining at 9 its cost and expense any environmental permits which may be required for its operations under 10 the Lease, independent of any existing permits held by the Government.

11

12 Subject to paragraph 13.1 hereof, and to the extent permitted by law, the 13.5 Lessee shall indemnify and hold harmless the Government from any costs, expenses, liabilities, 13 fines, or penalties resulting from discharges, emissions, spills, storage, and disposal occurring 14 during the term of this Lease solely as a result of Lessee's, sublessee's, contractor's, 15 subcontractor's, guests', and invitee's control, occupancy, use or operations, or any other action 16 by the Lessee or any sublessee, contractor, subcontractor, guest, and invitee giving rise to 17 Government liability, civil or criminal, or responsibility under Federal, Commonwealth, or local 18 environmental laws, arising solely out of Lessee's, sublessee's, contractor's, subcontractor's, 19 guests, and invitee's control, occupancy, use or operations of the Lease Premises. This provision 20 shall survive the expiration or termination of this Lease, and the Lessee's obligations hereunder 21 shall apply whenever the Government incurs costs or liabilities solely as a result of the Lessee's, 22 sublessee's, contractor's, subcontractor's, guests', and invitee's actions. Notwithstanding the 23 foregoing, nothing contained in this Paragraph or elsewhere in this Lease shall be construed to 24 repudiate or vitiate any statutory or other obligation of the United States. 25 26

27 13.6 The Government's rights under this Lease specifically include the right for Government officials, upon reasonable notice, to inspect the Lease Premises for compliance with 28 environmental, safety, and occupational health laws and regulations, whether or not the 29 Government is responsible for enforcing them. Such inspections are without prejudice to the 30 right of duly constituted enforcement officials to make such inspections. Lessee shall have no 31 claim on account of any entries against the United States or any officer, agent, employee, 32 contractor or subcontractor thereof. Notwithstanding the foregoing, nothing contained in this 33 Paragraph or elsewhere in this Lease shall be construed to repudiate or vitiate any statutory or 34 other obligation of the United States. 35

36

37 13.7.1 If environmentally sensitive materials or substances are to be 38 utilized, by or on behalf of Lessee, within the Lease Premises under this Lease, and excluding 39 those pre-existing on the Lease Premises, the Lessee and its contractors or sublessees shall 40 provide a Hazardous Waste Management Plan to the Government for review and approval prior 41 to commencement of any action. If environmentally sensitive materials or substances are to be 42 utilized by or on behalf of Lessee or sublessee on the Lease Premises, the Lessee or its sublessee

#### NSRR LEASE IN FURTHERANCE OF CONVEYANCE Page 12.

1 shall, if required by Federal, Commonwealth or local law, apply for and obtain its own Resource Conservation and Recovery Act (RCRA) generator identification number and RCRA hazardous 2 waste permit which permits shall be limited to generation, transportation and storage. The 3 4 Lessee shall not, under any circumstances, allow any hazardous waste to remain on or about the Lease Premises for any period in excess of ninety (90) days. Any violation of these requirements 5 shall be deemed a material breach of this Lease. Government hazardous waste storage areas will 6 not be available to the Lessee or any sublessee. The Lessee or any sublessee must provide at its 7 own expense such hazardous waste storage facilities, complying with all laws and regulations, as 8 it needs for temporary (less than ninety (90) days) storage. Government accumulation points for 9 hazardous and other wastes will not be used by the Lessee or any sublessee. Neither will the 10 Lessee or any sublessee permit its hazardous wastes to be commingled with hazardous waste of 11 the Government. 12

14 13.7.2 Lessee shall strictly comply with the hazardous waste 15 permit requirements under the Resource Conservation and Recovery Act or its applicable 16 Commonwealth equivalent. Except as specifically authorized by Government in writing, Lessee 17 must provide at its own expense such hazardous waste management facilities complying with all 18 laws and regulations. Government hazardous waste management facilities will not be available 19 to Lessee. Any violation of the requirements of this condition shall be deemed a material breach 20 of this Lease.

13.8 The Lessee, its contractors, and any sublessee shall, if required by Federal,
Commonwealth or local law, have a completed and approved plan for responding to hazardous
waste, fuel, and other chemical spills prior to the commencement of operations on the Lease
Premises.

27 13.9 Any air, land or water pollution that emanates, as a result of the Lessee's 28 occupancy, use or operation of the Lease Premises, and which is not a result of Department of 29 Defense activities, shall be the responsibility of the Lessee and its contractors or sublessees for 30 reporting, containment, removal, and clean-up, as required by applicable law.

13.10 The Government, the U.S. Environmental Protection Agency (EPA), and the Puerto Rico Environmental Quality Board (PREQB), and their officers, agents, employees, contractors, and subcontractors shall have the right, upon reasonable notice to the Lessee and any sublessee, to enter upon the Lease Premises for the purposes enumerated in this paragraph and for such other purposes consistent with any provision of the Consent Order that may be required with respect to the Lease Premises and which provisions thereof the Lessee agrees to incorporate into this Lease:

40 13.10.1 To conduct investigations and surveys, including, where
41 necessary, drilling, soil and water sampling, test pitting, testing soil borings and other activities
42 related to the NSRR, Puerto Rico Consent Order that may be required in the future.

13

21

26

31

#### NSRR LEASE IN FURTHERANCE OF CONVEYANCE Page 13.

1 2 13.10.2 To inspect field activities of the Government and its 3 contractors and subcontractors in implementing the NSRR Consent Order that may be required 4 in the future. 5 6 13.10.3 To conduct any test or survey required by the EPA or 7 PREQB related to the implementation of the requirements of the Consent Order or 8 environmental conditions at the Lease Premises or to verify any data submitted to the EPA or 9 PREQB by the Government relating to such conditions. 10 11 13.10.4 To construct, operate, maintain, or undertake any other response or remedial action as required or necessary under the NSRR Consent Order including, 12 but not limited to, monitoring wells, pumping wells, and treatment facilities. 13 14 15 13.11 The Lessee agrees to comply with the provisions of any health or safety plan in effect under the Consent Order during the course of any of the above described response 16 or remedial actions. Any inspection, survey, investigation, or other response or remedial action 17 will, to the extent practicable, be coordinated with representatives designated by Lessee and any 18 sublessee. Lessee, any sublessees, or licensees shall have no claim on account of such entries 19 against the Government or any officer, agent, employee, contractor, or subcontractor thereof, 20 except for claims allowed for and limited by the Federal Tort Claims Act, 28 U.S.C. 2671, et seq. 21 or as otherwise permitted by law. In addition, the Lessee shall comply with all applicable 22 Federal, Commonwealth, and local occupational safety and health regulations. 23 24 25 13.12 The Lessee shall not conduct or permit its contractors or sublessees to conduct any subsurface excavation, digging, drilling or other disturbance of the surface of the 26 Lease Premises without the prior written approval of the Government, which consent will not be 27 28 unreasonably withheld. 29 30 14. ENVIRONMENTAL REMEDIATION. 31 32 Remediation by Lessee. Upon the execution by the Government and the Lessee of this Lease, the Lessee will be permitted, but not required to, at its own cost, perform certain 33 environmental remediation requirements, as necessary to satisfy applicable Federal and PREOB 34 regulatory requirements. 35 36 37 15. TERMINATION. 38 Termination Upon Tender of Deed. Upon the occurrence of either of the 39 15.1 following, the passing of thirty (30) days after the Government tenders to Lessee, in accordance 40 with applicable law, a good and sufficient Quitclaim Deed conveying fee title to any portion of 41 the Lease Premises (each such portion hereinafter referred to as "Conveyed Portion"), or the 42

## NSRR LEASE IN FURTHERANCE OF CONVEYANCE Page 14.

1 2 3 4 5 6 7 8	acceptance by the Lessee of the Government tendered Quitclaim Deed, whichever occurs first, (i) this Lease shall automatically terminate with respect to the applicable Conveyed Portion as if such date were the stated expiration date contained herein and neither party shall have any further obligations under this Lease with respect to the Conveyed Portion (other than any obligations which otherwise would survive termination of this Lease), (ii) all references to the Lease Premises shall be deemed to exclude such Conveyed Portion, and (iii) this Lease shall continue in full force and effect with respect to the remainder of the Lease Premises.
9	15.2 Government Termination. The Government shall have the right to
10	terminate this Lease, at any time:
11	
12	(i) upon Lessee's failure to perform or fulfill any obligation,
13	condition, term or agreement contained in this Lease required on the part of the Lessee to be
14	performed or fulfilled or,
15	(ii) in the event that the use is incompatible with the Finding of No
16	Significant Impact, or
17	(iii) in the event of a national emergency as declared by the President
18 19	or the Congress of the United States.
19 20	The Government's right to terminate this Lease under subdivisions (i) and (ii)
20	above may only be exercised if the Lessee does not cure such failure in a manner acceptable to
22	the Government within thirty days (or more if authorized in writing by the Government after
23	receipt of the written notice from the Government specifying the failure). Unless special
24	circumstances justify a shorter period, the Lessee will be provided with no less than sixty (60)
25	days written notice that termination is necessary and will be provided a reasonable time to vacate
26	the Lease Premises.
27	
28	In the event that the Government shall elect to terminate this Lease on account of
29	the breach by the Lessee of any of the terms and conditions, the Government shall be entitled to
30	recover and the Lessee shall pay to the Government:
31 32	(i) the reasonable costs incurred in resuming possession of the Lease
32 33	Premises; and
33 34	(ii) the costs incurred in performing any obligation on the part of the
35	Lessee to be performed hereunder.
36	
37	15.3 <u>Termination by Lessee</u> . Upon ninety (90) days written notice to the
38	Government, the Lessee shall have the right to terminate this Lease at no cost or expense or
39	further obligation or liability on the part of either party whatsoever, provided that Lessee shall
40	render the Lease Premises safe prior to such Lease termination and Lessee or sublessee(s)
41	vacating the Lease Premises.
42	

### NSRR LEASE IN FURTHERANCE OF CONVEYANCE Page 15.

1 Environmental Contamination. In the event that an environmental 15.4 2 condition is discovered on the Lease Premises which creates, in the Government's determination, an imminent and substantial endangerment to human health or the environment, and 3 notwithstanding any other termination rights and procedures contained in this Lease, this Lease 4 shall terminate with respect to the portion of the Lease Premises where such imminent and 5 substantial endangerment to human health or the environment exists, and the Lessee shall vacate, 6 or require any sublessee to vacate, such portion of the Lease Premises immediately upon notice 7 8 from the Government, or determination by Lessee and notice to Government, of the existence of 9 such a condition and the requirement to vacate such portion of the Lease Premises. Exercise of this right by either party shall be without liability except that the Lessee shall not be responsible 10 for the further performance of any obligations under this Lease, after this Lease has been so 11 terminated for such portion of the Lease Premises. 12

13 14

15

#### 16. INDEMNIFICATION BY LESSEE - GOVERNMENT NON-LIABILITY.

16 16.1 To the extent permitted by law, Lessee shall indemnify, defend, and save the Government harmless, and shall require all sublessees (to the extent permitted by law) to 17 indemnify, defend, and save the Government harmless, and shall pay all costs, expenses, and 18 reasonable attorney's fees for all trial and appellate levels and post-judgment proceedings in 19 connection with any fines, suits, actions, damages, liability, and causes of action of every nature 20 whatsoever (civil or criminal) arising or growing out of, or in any manner connected with, the 21 occupation or use of the Lease Premises by the Lessee and the employees, subtenants, agents, 22 servants, guests, and invitees of the Lessee, including but not limited to, any fines, claims, 23 demands, and causes of action of every nature whatsoever which may be made upon, sustained, 24 25 or incurred by the Government by reason of any breach, violation, omission, or non-performance of any term, covenant, or condition hereof on the part of the Lessee or the employees, subtenants, 26 agents, servants, guests, or invitees of the Lessee; however, this indemnity shall not extend to 27 28 matters caused by or resulting from acts or omissions by the Government, its officials, agents, employees, contractors, guests or invitees. This covenant shall survive the termination of this 29 Lease. 30

31

32 To the extent permitted by law, the Lessee covenants that it will indemnify 16.2 33 and save and hold harmless, and shall require all sublessees (to the extent permitted by law) to indemnify and save and hold harmless, the Government, its officers, agents, and employees for 34 and from any and all liability or claims for loss of or damage to any property owned by or in the 35 custody of the Lessee, its officers, agents, servants, employees, subtenants, licensees, or invitees, 36 or for the death of or injury to any of the same which may arise out of or be attributable to the 37 condition, state of repair or the Lessee's use or occupancy of the Lease Premises, whether or not 38 39 the same shall be occasioned by the negligence or lack of diligence of the Lessee, its officers, agents, servants, subtenants or employees; however, this indemnity shall not extend to matters 40 caused by the Government, including Government officials, agents, employees, contractors, 41 guests and invitees. 42

#### NSRR LEASE IN FURTHERANCE OF CONVEYANCE Page 16.

2 17. <u>LESSEE'S LIABILITY EXTENDS TO ITS CONTRACTORS AND</u> 3 <u>SUBLESSEES</u>. The Lessee's liability to the extent assumed under this Lease shall extend to the 4 performance of work or the use of the Lease Premises by any contractor or sublessee of the 5 Lessee under this Lease.

6 7 8

21

24

29

35

1

18. <u>INSURANCE</u>.

9 All Risk. Lessee shall in any event and without prejudice to any other 18.1 rights of Government bear all risk of loss or damage to the Lease Premises occupied or used by 10 Lessee or any of its sublessees, arising from any causes whatsoever, or in any manner connected 11 12 with the occupation or use of the Lease Premises by Lessee or any sublessees, or by a risk customarily covered by insurance in the locality in which the Lease Premises are situated, even 13 where such loss or damage stems from causes beyond Lessee's control. In the event that any 14 item or part of the Lease Premises shall require repair, rebuilding, or replacement resulting from 15 loss or damage, the risk of which is assumed under this section. Lessee shall promptly give 16 notice thereof to Government, and shall, in the event that this Lease is terminated by reason of 17 the default of the Lessee and upon demand of Government, either compensate Government for 18 such loss or damage, or rebuild, replace, or repair the item or items of the Lease Premises so lost 19 20 or damaged.

18.2 <u>Lessee's Insurance</u>. During the entire period that this Lease shall be in effect, the Lessee at its expense will carry and maintain or cause to be carried and maintained:

18.2.1 All-risks property and casualty insurance against the risks
 enumerated in Paragraph 18.1 above in an amount at all times equal to at least 100 percent of the
 full functional equivalent replacement value of the improvements within the Lease Premises not
 approved for demolition.

30 18.2.2 Public liability and property damage insurance including, but not 31 limited to, insurance against assumed or contractual liability under this Lease, with respect to the 32 Lease Premises and improvements hereon, to afford protection with limits of a combined single 33 limit of liability of not less than \$5,000,000 in the event of bodily injury or death to any number 34 of persons in any one accident and for property damage.

18.2.3 If, and to the extent required by law, worker's compensation or
 similar insurance in form and amounts required by law.

18.2.4 Automobile liability coverage of not less than \$1,000,000 per
person and not less than \$2,000,000 per occurrence for personal injury or death, and not less than
\$1,000,000 per occurrence for property damage.

### NSRR LEASE IN FURTHERANCE OF CONVEYANCE Page 17.

Lessee's Contractor's and Sublessee's Insurance. During the entire period 1 18.3 2 that this Lease shall be in effect, the Lessee shall require its contractors and sublessees and any contractor performing work on the Lease Premises to carry and maintain the insurance required 3 4 below: 5 6 18.3.1 Comprehensive general liability insurance including, but 7 not limited to, contractor's liability coverage and contractual liability coverage of a combined 8 single limit of \$5,000,000 per occurrence with not less than \$5,000,000 general aggregate with respect to personal injury or death and with respect to property damage. The comprehensive 9 general liability shall contain a per project aggregate endorsement. 10 11 12 18.3.2 Worker's compensation or similar insurance in form and 13 amounts required by law. 14 15 18.3.3 Automobile liability coverage of not less than \$1,000,000 per person and not less than \$2,000,000 per occurrence for personal injury or death, and not less than 16 \$1,000,000 per occurrence for property damage. 17 18 19 18.4 Policy Provisions. All insurance which this Lease requires the Lessee to carry and maintain, or cause to be carried or maintained shall be in such form, for such amounts, 20 for such periods of time, and with such insurers as the Government may require or approve. All 21 policies or certificates issued by the respective insurers for public liability and all-risks property 22 insurance shall name the Government as an additional insured; shall provide that any losses shall 23 be payable notwithstanding any act or failure to act or negligence of the Lessee or the 24 25 Government or any other person; shall provide that no cancellation, reduction in amount, or material change in coverage thereof shall be effective until at least thirty (30) days after receipt 26 by the Government of written notice thereof; shall provide that the insurer shall have no right of 27 28 subrogation against the Government; and shall be reasonably satisfactory to the Government in all other respects. In no circumstances will the Lessee be entitled to assign to any third party 29 rights of action which the Lessee may have against the Government. 30 31 32 18.5 Delivery of Policies. The Lessee shall deliver or cause to be delivered promptly to the Government a certificate of insurance evidencing the insurance required by this 33 Lease and shall also deliver no later than thirty (30) days prior to the expiration of any such 34 policy, a certificate of insurance evidencing each renewal policy covering the same risks. 35 36 37 19. LABOR PROVISION. 38 39 19.1 Equal Opportunity. During the term of this Lease, the Lessee agrees as 40 follows: 41

## NSRR LEASE IN FURTHERANCE OF CONVEYANCE Page 18.

1 2 3 4 5 6 7 8 9 10	19.1.1 The Lessee will not discriminate against any employee or applicant for employment because of race, color, religion, sex, or national origin. The Lessee will take affirmative action to ensure that applicants are employed and that the Lessee's or sublessee's employees are to be treated during employment without regard to their race, color, religion, sex, or national origin. Such actions shall include, but not be limited to the following: employment, upgrading, demotion, or transfer, recruitment or recruitment advertising, layoff or termination, rate of pay or other forms of compensation, selection for training, including apprenticeship. The Lessee agrees to post, in conspicuous places, notices to be provided by the Government setting forth the provisions of this nondiscrimination clause.
11	19.1.2 The Lessee will, in all solicitations or advertisements for
12	employees placed by or on behalf of the Lessee, state that all qualified applicants will receive
13	consideration for employment without regard to race, color, religion, sex, or national origin.
14	
15	19.1.3 The Lessee will send to each labor union or representative of
16	workers with which it has a collective bargaining agreement or other contract or understanding a
17	notice to be provided by the Government, advising the labor union or worker's representative of
18	the Lessee's commitments under this Equal Opportunity Clause and shall post copies of the
19	notice in conspicuous places available to employees and applicants for employment.
20	10.1.4 The Lease will comply with all provisions of Executive Order
21 22	19.1.4 The Lessee will comply with all provisions of Executive Order 11246 of September 24, 1965, as amended by Executive Order 11375 of October 13, 1967, and
23	with the rules, regulations, and relevant orders of the Secretary of Labor.
24	Will the fulles, regulations, and relevant orders of the Societary of Eacor.
25	19.1.5 The Lessee will furnish all information and reports required by
26	Executive Order 11246 of September 24, 1965, as amended by Executive Order 11375 of
27	October 13, 1967, and by the rules, regulations, and orders of the Secretary of Labor or pursuant
28	thereto, and will permit access to its books, records, and accounts by the Government and the
29	Secretary of Labor for purposes of investigating to ascertain compliance with such rules,
30	regulations, and orders.
31	10.1.6. In the event of the Lagranda noncompliance with the Fauel
32 33	19.1.6 In the event of the Lessee's noncompliance with the Equal Opportunity Clause of this Lease or with any said rules, regulations, or orders, this Lease may be
33 34	canceled, terminated, or suspended in whole or in part, and the Lessee may be declared ineligible
35	for further Government contracts in accordance with procedures authorized in Executive Order
36	11246 of September 24, 1965, as amended by Executive Order 11375 of October 13, 1967, and
37	such other sanctions may be imposed and remedies invoked as provided in Executive Order
38	11246 of September 24, 1965, as amended by Executive Order 11375 of October 13, 1967, or by
39	rule, regulation, or order of the Secretary of Labor, or as otherwise provided by law.
40	
41	19.1.7 The Lessee will include the above provisions in every sublease or
42	purchase order unless exempted by rules, regulations, or orders of the Secretary of Labor issued

### NSRR LEASE IN FURTHERANCE OF CONVEYANCE Page 19.

1 pursuant to section 204 of Executive Order 11246 of September 24, 1965, as amended by Executive Order 11375 of October 13, 1967, so that such provisions will be binding upon each 2 sublessee or vendor. Lessee will take such action with respect to any sublessee or purchase order 3 as the Government may direct as a means of enforcing such provisions including sanctions for 4 noncompliance; provided, however, that in the event the Lessee becomes involved in, or is 5 threatened with, litigation with the sublessee or vendor as a result of such direction by the 6 7 Government, the Lessee may request the United States to enter into such litigation to protect the 8 interests of the United States.

9

10 19.2 <u>Contract Work Hours and Safety Standards Act (40 U.S.C. 327-330)</u>. This 11 Lease, to the extent that it is a contract of a character specified in the Contract Work Hours 12 Standards Act (40 U.S.C. 327-330) and is not covered by the Walsh-Healy Public Contracts Act 13 (41 U.S.C. 35-45), is subject to the following provisions and exceptions of said Contract Work 14 Hours and Safety Standards Act and to all other provisions and exceptions of said law: 15

16 19.2.1 The Lessee shall not require or permit any laborer or mechanic any 17 workweek in which he is employed on any work under this Lease to work in excess of 40 hours in such workweek on work subject to the provisions of the Contract Work Hours and Safety 18 Standards Act, unless such laborer or mechanic receives compensation at a rate not less than one 19 and one-half times his basic rate of pay for all such hours worked in excess of 40 hours in such 20 workweek. The "basic rate of pay", as used in this clause, shall be the amount paid per hour, 21 exclusive of the Lessee's contribution or cost for fringe benefits and any cash payment made in 22 lieu of providing fringe benefits, or the basic hourly rate contained in the wage determination, 23 whichever is greater. 24

- 19.2.2 In the event of any violation of the provisions of paragraph 19.2.1, the Lessee shall be liable to any affected employee for any amounts due and to the United States for liquidated damages. Such liquidated damages shall be computed with respect to each individual laborer or mechanic employed in violation of the provisions of paragraph 19.2.1 in the sum of \$10.00 for each calendar day on which such employee was required or permitted to be employed on such work in excess of the standard workweek of 40 hours without payment of the overtime wages required by paragraph 19.2.1.
- 33 34

35

25

19.3 Government Employees.

36 19.3.1 The Government shall pay and/or shall have its contractors pay all 37 wages and accruals of the current work force (hereinafter the "Employees") employed, directly 38 or indirectly by the Government or its contractors, at the Lease Premises in accordance with the 39 terms of the Government's contracts. No liabilities or claim relating to any of the Employees 40 shall be assumed by the Lessee, unless expressly agreed in writing. The Government retains 41 liability for all severance payments required by law, including payments under Puerto Rico Act 42 80 of May 30, 1976, as amended, any applicable Collective Bargaining Agreement and any other

#### NSRR LEASE IN FURTHERANCE OF CONVEYANCE Page 20.

1 agreement executed by the Government that provides for payments for termination of 2 employment to any Employees.

4 19.3.2 The Government agrees to provide promptly to the Lessee copies 5 of all (i) Employee or contractor requests for severance payments, including requests for 6 severance payments under Puerto Rico Act 80 of May 30, 1976, as amended, any applicable 7 Collective Bargaining Agreement and any other agreement executed by the Government that provides for payments for termination of employment to any Employees, together with the 8 9 names of such Employees, their status, seniority dates, and other pertinent information that 10 allows the Government to properly validate the request for severance payment, (ii) Government responses to such requests for severance payments, and (iii) any releases executed by Employees 11 or contractors in consideration of such severance payments. 12

13 14

15

3

20. SUBMISSION OF NOTICES.

16 20.1. <u>Notices.</u> Notices shall be sufficient under this Lease if made in writing and
 17 submitted, via certified mail or via a recognized overnight carrier, in the case of the Lessee to:
 18

19Executive Director20Local Redevelopment Authority for Naval Station Roosevelt Roads21New San Juan Office Building22159 Chardon Avenue, 2<sup>nd</sup> Floor23San Juan, PR 0091824(787) 294-01012526With a copy to:

With a copy to: 27

28	George Schlossberg, Esq.
29	Kutak Rock LLP
30	1101 Connecticut Avenue, NW
31	Suite 1000
32	Washington, D.C. 20036
33	(202) 828-2418

and, in the case of the Government, to:

- 37Director38Navy BRAC PMO SE394130 Faber Place Drive, Suite 20240North Charleston, SC 2940541(843) 743-2122
- 42

# NSRR LEASE IN FURTHERANCE OF CONVEYANCE Page 21.

1	With a copy to:
2	
3	NAVFAC Base Realignment and Closure Program Management Office Northeast
4	Department of the Navy
5	4911 South Broad Street
6	Philadelphia, PA 19112
7	Attn: Gregory C. Preston
8	(215) 897-4902
9	
10	With a copy to:
11	
12	Naval Facilities Engineering Command
13	1322 Patterson Ave, SE
14	Suite 1000
15	Washington Navy Yard
16	Washington, DC 20374-5065
17	Attn: Ray M. Bourgeois Esq.
18	(202) 685-1483
19	
20	Such notices shall be effective upon receipt if delivered personally or by messenger or
21	fourteen (14) business days after deposit in the mails if mailed. The above-named individuals or
22	offices so designated shall be the representatives of the parties and the points of contact during
23	the period of this Lease.
24	
25	20.2 Additional Notice Parties. From time to time during the lease term,
26	Lessee may designate one or more additional parties (each, an "Additional Notice Party" and
27	collectively the "Additional Notice Parties") to receive a copy of every notice sent to Lessee
28	hereunder. Such designation shall be made in writing in accordance with Paragraph 20.1 above,
29	and shall include the name of the Additional Notice Party, a complete mailing address (including
30	street address), telephone number and contact person. Following Government's receipt of such
31	designation, Government shall cause a copy of any notice given to Lessee to be given
32	simultaneously to all Additional Notice parties. Lessee may remove an Additional Notice Party
33	or change an address or contact person by giving notice of the same in accordance with
34	Paragraph 20.1 above.
35	
36	21. <u>STORAGE</u> . Any Government property which must, in the Lessee's
37	determination, be removed to permit exercise of the privilege granted by this Lease shall be
38	stored, relocated, or removed from the site and returned to a specified location designated by the
39	Government within the confines of the Lease Premises, upon termination of this Lease, at the
40	sole cost and expense of the Government.
41	

#### NSRR LEASE IN FURTHERANCE OF CONVEYANCE Page 22.

1 22. AUDIT. This Lease shall be subject to audit by any and all cognizant Government agencies. The Lessee shall make available to such agencies for use in connection 2 with such audits all records which it maintains with respect to this Lease and copies of all reports 3 4 required to be filed hereunder. 5 6 23. RESERVED. 7 8 24. AGREEMENT. This Lease shall not be modified unless in writing and signed by 9 both parties. 10 11 25. FAILURE TO INSIST ON COMPLIANCE. The failure of the parties to insist, in 12 any one or more instances, upon performance of any of the terms, covenants, or conditions of this Lease shall not be construed as a waiver or relinquishment of such party's right to the future 13 performance of any such terms, covenants, or conditions, and such party's obligations in respect 14 of such future performance shall continue in full force and effect. 15 16 17 26. DISPUTES. 18 19 If a dispute arises under this Lease, the following procedures shall apply: 26.1 (1) Either party may invoke this dispute resolution procedure, (2) The parties shall make 20 reasonable efforts to informally resolve disputes at the lowest level prior to the issuance of a 21 formal written statement of dispute under the procedures set forth below, and (3) Both parties 22 23 shall abide by the terms and conditions of any final resolution of the dispute. 24 Within thirty (30) days after any action which leads to or generates a 25 26.2 dispute or after efforts to informally resolve a dispute have failed, either party may submit a 26 written statement of dispute to the other party setting forth the nature of the dispute, the work 27 affected by the dispute, the disputing party's technical and legal position regarding the dispute, 28 and the relief requested. The BRAC Real Estate Contracting Officer, BRAC Program 29 Management Office, Northeast, Naval Facilities Engineering Command, and the Executive 30 Director, LRA, shall serve as Dispute Resolution Managers for their respective party. The 31 written statement of dispute shall be mailed by the Dispute Resolution Manager for the disputing 32 party to the Dispute Resolution Manager for the other party. 33 34 The Dispute Resolution Managers shall have twenty-one (21) working 35 26.3 days to resolve the dispute from the date of receipt of the written statement of dispute. The 36 resolution of the dispute shall be memorialized in writing. 37 38 The parties shall diligently perform under this Lease pending the 39 26.4 40 completion of these dispute resolution procedures. 41

### NSRR LEASE IN FURTHERANCE OF CONVEYANCE Page 23.

If the Dispute Resolution Managers are unable to resolve the dispute 1 26.5 2 within twenty-one (21) working days of receipt of the written statement of dispute, the parties may pursue whatever remedies they may have at law or equity. 3 4 5 The timeframes set forth above for reporting and resolution of disputes 26.6 may be extended by mutual agreement of the parties and such agreement shall be memorialized 6 7 in writing. 8 9 27. COVENANT AGAINST CONTINGENT FEES. The Lessee warrants that no person or agency has been employed or retained to solicit or secure this Lease upon an 10 agreement or understanding for a commission, percentage, brokerage, or contingent fee, 11 excepting bona fide employees or bona fide established commercial agencies maintained by the 12 Lessee for the purpose of securing business. For breach or violation of this warranty, the 13 Government shall have the right to annul this Lease without liability or in its discretion to require 14 the Lessee to pay, in addition to the rental or consideration, the full amount of such commission, 15 percentage, brokerage, or contingent fee. 16 17 OFFICIALS NOT TO BENEFIT. No member of or delegate to Congress, or 18 28. Resident Commissioner, shall be admitted to any share or part of this Lease or to any benefit to 19 arise therefrom, but this provision shall not be construed to extend to this Lease if made with a 20 corporation for its general benefit. 21 22 23 29. MORTGAGE OF LEASEHOLD INTERESTS. 24 25 Except as herein provided, the Lessee or sublessee shall not: (a) engage in 29.1 any financing or other transaction creating any mortgage upon the Lease Premises; (b) place or 26 suffer to be placed upon the Lease Premises any lien or other encumbrance; or (c) suffer any levy 27 or attachment to be made on the Lessee's interest in the Lease Premises; any such mortgage, 28 encumbrance or lien shall be deemed a violation of this covenant on the date of its execution or 29 filing of record, regardless of whether or when it is foreclosed or otherwise enforced. 30 31 32 During the term of this Lease, the Lessee or sublessee may encumber its 29.2 (or their) leasehold interest(s) as well as its (or their) interest(s) in the improvements on the 33 Lease Premises by one or more loans secured by a mortgage. The proposed holder of any such 34 mortgage must be approved by the Government prior to the execution of such loan and, upon 35 such approval, which shall not be unreasonably withheld, shall be referred to herein as the 36 Notwithstanding any foreclosure, the Lessee shall remain liable for the "Mortgagee". 37 performance of all the provisions of this Lease which, by the terms hereof are to be carried out 38 39 and performed by the Lessee, and any approved sublease shall remain subject to the provisions of this Lease in accordance with Paragraph 5. 40

#### NSRR LEASE IN FURTHERANCE OF CONVEYANCE Page 24.

1 29.3 The Lessee shall notify the Government promptly of any lien or 2 encumbrance which has been created or attached to the improvements or the Lessee's or sublessee's interest in the improvements, whether by act of the Lessee or sublessee or otherwise, 3 of which the Lessee or the sublessee itself has notice. If a Mortgagee or purchaser at foreclosure 4 of the mortgage shall acquire the Lessee's or sublessee's interest in the improvements by virtue of 5 the default by the Lessee or sublessee under the mortgage or otherwise, this Lease shall continue 6 7 in full force and effect so long as the Mortgagee or purchaser at foreclosure is not in default hereunder. The Mortgagee or purchaser at foreclosure may not appoint an agent or nominee to 8 9 operate this Lease on its behalf without obtaining the prior written approval of the Government's 10 Authorized Contracting Officer. For the period of time during which the Mortgagee or any purchaser at foreclosure of a mortgage holds the Lessee's or sublessee's interest, the Mortgagee 11 or such purchaser shall become liable and fully bound by the provisions of this Lease. 12

- 13 14 29.4 In no event shall the right granted herein to the Lessee or sublessee to 15 mortgage or otherwise encumber Lessee's or sublessee's leasehold interest, created by and pursuant to this Lease, be deemed or interpreted as a subordination of the Government's interest 16 17 in the Lease Premises to the lien of such mortgage or encumbrance, it being expressly agreed that under no circumstances shall the Lessee or sublessee have the right to mortgage or encumber 18 19 the interest of the Government in the Lease Premises or subordinate such interests to the lien of any mortgage or encumbrance that Lessee or sublessee may place upon its leasehold estate 20 created by and pursuant to this Lease. 21
- 22

28

31

23 29.5 The Government consents to Lessee's or its sublessee's grant, if any, to the 24 Mortgagee of a security interest in any fixtures, equipment, inventory and/or other personal 25 property owned by the Lessee or its sublessees and located on the Lease Premises. The 26 Government hereby waives any interest that the Government may have in such personal 27 property, by virtue of this Lease.

29 29.6 Any mortgages, liens, encumbrances or other interests created pursuant to
 30 Paragraph 29 shall not be subject to the provisions of Paragraph 30.

29.7 <u>Estoppels Certificates</u>. Provided the facts support such a statement,
 Government and Lessee shall within 10 days of written request by the other, certify by written
 instrument as to the following:

- 35
- 36

(i) That the Lease is unmodified and in full force and effect;

(ii) That no default has occurred under the Lease which has not been
waived, and no event has occurred which, but for the passage of time and/or the giving of notice,
would constitute a default under the Lease;

40 (iii) that to their best knowledge, there are no existing claimed set-offs
41 or defenses against the enforcement of any of the agreements, terms, covenants or conditions of

#### NSRR LEASE IN FURTHERANCE OF CONVEYANCE Page 25.

the Lease and any modifications of the Lease on the part of the other party to be performed or complied with; and

- 3
- 4

(iv) The date of expiration of the term.

5 LIENS. Subject to Paragraph 29 above, the Lessee shall promptly discharge or 30. cause to be discharged valid liens, rights in rem, claims, or demands of any kind, except one in 6 favor of the Government, which at any time may arise or exist as a result of any action of Lessee 7 or any sublessee with respect to the Lease Premises or materials or equipment furnished 8 therefore, or any part thereof, and if the same shall not be promptly discharged by the Lessee, or 9 should the Lessee or sublessee be declared bankrupt or make an assignment on behalf of 10 creditors, or should this Leasehold estate be taken by execution, the Government reserves the 11 right to take immediate possession without any liability to the Lessee or any sublessee. The 12 Lessee and any sublessee shall be responsible for all costs incurred by the Government in 13 securing clear title to its property. 14

16 31. TAXES. To the extent that Lessee subleases the Lease Premises, such sublessee shall pay to the proper authority, when and as the same become due and payable, all taxes, 17 assessments, and similar charges which, at any time during the term of this Lease, may be 18 19 imposed upon the Lessee with respect to the Lease Premises. Section 2667(e) of title 10, United States Code, contains the consent of Congress to the taxation of the Lessee's interest in the Lease 20 Premises, whether or not the Lease Premises are in an area of exclusive Federal jurisdiction. 21 Should Congress consent to taxation of the Government's interest in the Lease Premises, this 22 Lease will be renegotiated. 23

24 25

15

32. SUBJECTION TO EXISTING AND FUTURE EASEMENTS AND RIGHTS OF

WAY. This Lease is subject to all outstanding easements and rights of way for location of any 26 type of facility over, across, in, and upon the Lease Premises, or any portion thereof, and to the 27 right of the Government to grant such additional easements and rights of way over, across, in and 28 upon the Lease Premises as it shall determine to be in the public interest; provided that any such 29 additional easement or right of way shall be conditioned on the assumption by the grantee 30 thereof of liability to the Lessee for such damages as the Lessee shall sustain for property 31 destroyed or property rendered unusable on account of the grantee's exercise of its rights 32 thereunder. There is hereby reserved to the holders of such easements and rights of way as are 33 presently outstanding or which may hereafter be granted, to any workers officially engaged in 34 the construction, installation, maintenance, operation, repair, or replacement of facilities located 35 thereon, and to any Federal, Commonwealth, or local official engaged in the official inspection 36 thereof, such reasonable rights of ingress and egress over the Lease Premises as shall be 37 necessary for the performance of their duties with regard to such facilities. 38

39

40 33. <u>INGRESS-EGRESS</u>. The Lessee and any sublessees shall be granted reasonable 41 access to the Lease Premises. Such access will be coordinated with the local representative of 42 the Government. As a condition, the Lessee and any sublessee agrees to adhere to all

### NSRR LEASE IN FURTHERANCE OF CONVEYANCE Page 26.

1 Government rules and regulations regarding security, ingress, egress, safety and sanitation as 2 may be prescribed from time to time by the Local Government Representative.

3

4 34. <u>ADMINISTRATION</u>. Except as otherwise provided for under this Lease, the 5 Director, Navy BRAC PMO SE, shall have complete charge of the administration of this Lease 6 and shall exercise full supervision and general direction thereof insofar as the interests of 7 Government are affected.

- 8 9 SURRENDER. Should the Lease be terminated prior to conveyance of the Lease 35. Premises, the Lessee shall quietly and peacefully remove itself and its property from the Lease 10 Premises and surrender the possession thereof to the Government; provided, that in the event the 11 Government shall terminate this Lease upon less than ninety (90) days notice, the Lessee shall be 12 allowed a reasonable period of time, as determined by the Government, but in no event to exceed 13 ninety (90) days from receipt of notice of termination, in which to remove all of its property from 14 and terminate its operations on the Lease Premises. During such period prior to surrender, all 15 obligations assumed by the Lessee under this Lease shall remain in full force and effect. The 16 Government may, in its discretion, declare that any property which has not been removed from 17 the Lease Premises upon termination as provided above, is abandoned property, upon an 18 additional thirty (30) days notice. 19 20
- 36. <u>APPLICABILITY OF LAW</u>. Lessee shall comply with all applicable Federal,
   Commonwealth and local laws, rules and regulations which may arise by reason of this Lease.
- 23 24

#### [Signature Pages Follow]

#### NSRR Lease in Furtherance of Conveyance

IN WITNESS WHEREOF, the parties hereto have duly executed this Lease as of January 25<sup>th</sup>, 2012.

#### UNITED STATES OF AMERICA

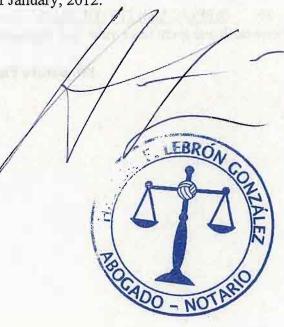
By: Navy BRAC PMO

By ston **C**ontracting Officer

Affidavit No. <u>-2501- (copy)</u>

Acknowledged and subscribed before me by Gregory C. Preston, of legal age, married, public servant and resident of Mount Laurel, New Jersey, in his capacity as Real Estate Contracting Officer of the NAVY BRAC PMO of the Department of the Defense of the United States of America, who I personally know.

In San Juan, Puerto Rico on this 25 day of January, 2012.



NSRR Lease in Furtherance of Conveyance

LOCAL REDEVELOPMENT AUTHORITY NAVAL STATION ROOSEVELT ROADS

By; Jaime López-Díaz Acting Executive Director

Affidavit No. -760- (copy)

Acknowledged and subscribed to before me, by Jaime López-Díaz, of legal age, married, public servant and resident of San Juan, Puerto Rico in his capacity as Acting Executive Director who I personally know.

In San Juan, Puerto Rico this 21 day of January, 2012.



1	
2	Exhibit "A"
3	
4	LEASE PREMISES
5	

#### **LEGAL DESCRIPTION SWMU 3**

Beginning at a survey control point in the Ward of Guayacan, said point being a brass disk set in concrete. Said point also known as 'EMBEACH' and having a northing of 798535.1118 and an easting of 943260.8239 noted as the Point of Beginning on the plat labeled "UNITED STATES GOVERNMENT PROPERTY FORMER NAVAL STATION ROOSEVELT ROADS SWMU 3 & 29". Thence S57°25'55"W 635.12' to an iron rod set, the True Point of Beginning, having a northing of 798193.2246 and an easting of 942725.5747:

Thence following a curve to an iron rod set with a long chord of 154.94', chord bearing of S53°02'32"E

Radius=1194.61'

Arc=155.05'

Thence S56°45'37"E 453.21' to an iron rod set;

Thence following a curve to an iron rod set with a long chord of 834.54', chord bearing of S25°20'19"E

Radius=800.39'

Arc=877.89'

Thence S06°04'59"W 307.16' to an iron rod set;

Thence S02°30'02"W 407.08' to an iron rod set;

Thence S02°30'02"W 9.74' to a point not set on the approximate edge of water of Puerca Bay; Thence Northwest along the approximate edge of water of Puerca Bay;

Thence Southwest along the approximate edge of water of Puerca Bay to a 2" galvanized pipe set having a northing of 795801.7234 and an easting of 942776.6058;

Thence S32°55'23"W 409.03' to a 2" galvanized pipe set on the approximate edge of water of Ensenada Honda;

Thence West along the approximate edge of water of Ensenada Honda to a point not set having a northing of 795455.7512 and an easting of 942421.8678;

Thence N80°35'46"W 127.11' to an iron rod set;

Thence S82°06'56"W 92.68' to an iron rod set;

Thence S70°28'18"W 187.71' to an iron rod set;

Thence S64°34'56"W 101.44' to an iron rod set;

Thence S58°52'41"W 165.99' to an iron rod set;

Thence S47°58'53"W 99.64' to an iron rod set;

Thence S09°53'24"E 25.15' to an iron rod set;

Thence South along the approximate edge of water of Ensenada Honda to a point not set having a northing of 794828.1820 and an easting of 941779.4900;

Thence S89°32'14"W 521.27' to an iron rod set;

Thence S89°32'14"W 13.30' to a point not set on the approximate edge of water of Ensenada Honda;

Thence North along the approximate edge of water of Ensenada Honda to a point not set having a northing of 795554.9581 and an easting of 941099.6763;

Thence N83°09'37"E 36.16' to an iron rod set;

Thence N24°07'00''W 52.65' to an iron rod set;

Thence N19°26'36"E 119.17' to an iron rod set;

Thence N06°11'16"E 74.34' to an iron rod set;

Thence N37°40'02"W 33.53' to an iron rod set;

Thence North along the approximate edge of water of Ensenada Honda to a point not set having a northing of 796881.8325 and an easting of 941280.1674;

Thence N37°34'05"E 47.35' to an iron rod set;

Thence N37°34'05"E 974.32' to an iron rod set;

Thence S44°37'06"E 280.84' to an iron rod set;

Thence S44°37'06"E 33.22' to an iron rod set;

Thence N82°54'47"E 136.32' to an iron rod set;

Thence N37°39'23"E 527.55' to an iron rod set;

Thence N04°41'38"W 97.98' to an iron rod set;

Thence N47°04'53"W 64.22' to an iron rod set; Thence S85°06'51"W 197.13' to an iron rod set; Thence N00°16'40"E 155.19' to an iron rod set; Thence N88°25'24"E 119.72' to an iron rod set; Thence N88°25'26"E 275.46' to an iron rod set the True Point of Beginning.

Said parcel containing 4,801,539.0 square feet or 110.228 acres, which equates to 446,079.4 square meters or 113.495 cuerdas.

#### **LEGAL DESCRIPTION FOR SWMU 9A/B**

Beginning at a survey control point in the Ward of Guayacan, said point being a brass disk set in concrete. Said point also known as 'DOG' and having a northing of 805443.8964 and an easting of 933110.4735 noted as the Point of Beginning on the plat labeled "UNITED STATES GOVERNMENT PROPERTY FORMER NAVAL STATION ROOSEVELT ROADS SWMU 9A/B". Thence N81°42'09"E 1541.34' to an iron rod set, the True Point of Beginning, having a northing of 805666.3301 and an easting of 934635.6830:

Thence N05°12'00''E 641.74' to an iron rod set; Thence N56°27'20''E 79.89' to an iron rod set; Thence N66°34'48''E 463.72' to an iron rod set; Thence N15°51'41''E 345.92' to an iron rod set; Thence N66°07'26''E 650.81' to an iron rod set; Thence S33°29'51''E 310.75' to an iron rod set; Thence S00°54'52''W 1309.42' to an iron rod set; Thence N85°41'45''W 1394.47' to an iron rod set the True Point of Beginning.

¢

Said parcel containing 1,573,108.9 square feet or 36.114 acres, which equates to 146,147.2 square meters or 37,184 cuerdas.

#### **LEGAL DESCRIPTION SWMU 9C**

Beginning at a survey control point in the Ward of Machos, said point being a brass disk set in concrete. Said point also known as 'ROLONCITO" and having a northing of 802522.5900 and an easting of 940999.4928 noted as the Point of Beginning on the plat labeled "UNITED STATES GOVERNMENT PROPERTY FORMER NAVAL STATION ROOSEVELT ROADS SWMU 9C & 57". Thence N35°17'21"W 2404.49' to an iron rod set, the True Point of Beginning, having a northing of 804485.2515 and an easting of 939610.4095:

Thence S38°44'45''W 131.67' to an iron rod set; Thence N38°09'37''W 221.66' to an iron rod set; Thence S49°34'00''W 348.81' to an iron rod set; Thence N48°46'28''W 316.75' to an iron rod set; Thence N67°40'46''E 202.97' to an iron rod set; Thence N70°42'48''E 238.91' to an iron rod set; Thence N36°10'44''E 514.88' to an iron rod set; Thence N40°25'01''E 24.87' to an iron rod set; Thence S65°53'54''E 262.03' to an iron rod set; Thence S32°52'48''W 575.24' to an iron rod set; Thence S49°03'25''E 83.24' to an iron rod set, the True Point of Beginning.

Said parcel containing 273,139.7 square feet or 6.270 acres, which equates to 25,375.6 square meters or 6.456 cuerdas.

Beginning at a survey control point in the Ward of Guayacan, said point being a brass disk set in concrete. Said point also known as 'EMBEACH' and having a northing of 798535.1118 and an easting of 943260.8239 noted as the Point of Beginning on the plat labeled "UNITED STATES GOVERNMENT PROPERTY FORMER NAVAL STATION ROOSEVELT ROADS SWMU 78, 11, 45 & AOC F 2842 B". Thence S82°47'36''W 1231.17' to an iron rod set, the True Point of Beginning, having a northing of 798380.6610 and an easting of 942039.3800:

Thence S55°13'54''E 213.82' to an iron rod set; Thence S34°18'54''W 154.62' to an iron rod set; Thence N54°54'46''W 198.14' to an iron rod set; Thence N28°28'58''E 154.44' to an iron rod set, the True Point of Beginning.

Said parcel containing 31,727.8 square feet or 0.728 of an acre, which equates to 2,947.6 square meters or 0.750 of a cuerda.

Beginning at a survey control point in the Ward of Machos, said point being a brass disk set in concrete. Said point also known as 'CAMP' and having a northing of 800851.3059 and an easting of 941574.6311 noted as the Point of Beginning on the plat labeled "SWMU 70, 31/32" Thence S74°29'28"W 534.49' to a MAG nail set, the True Point of Beginning, having a northing of 800708.4127 and an easting of 941059.5651:

Thence S37°07'06''W 109.61' to a MAG nail set; Thence N57°03'59''W 105.12' to a chiseled "X" in concrete; Thence S35°17'38''W 23.34' to a chiseled "X" in concrete; Thence N65°55'13''W 7.82' to a chiseled "X" in concrete; Thence S33°41'09''W 46.38' to a MAG nail set; Thence N55°34'01''W 69.39' to an iron rod set; Thence N30°13'28''E 93.88' to an iron rod set; Thence N62°21'57''E 58.25' to an iron rod set; Thence N72°51'28''E 45.71' to an iron rod set; Thence S56°34'58''E 138.27' to a MAG nail set, the True Point of Beginning.

Said parcel containing 24,097.2 square feet or 0.550 of an acre, which equates to 2,238.7 square meters or 0.570 of a cuerda.

Beginning at a survey control point in the Ward of Guayacan, said point being a brass disk set in concrete. Said point also known as 'DOCK' and having a northing of 801006.9442 and an easting of 938162.6251 noted as the Point of Beginning on the plat labeled "UNITED STATES GOVERNMENT PROPERTY FORMER NAVAL STATION ROOSEVELT ROADS SWMU 59". Thence N08°57'52"W 2092.63' to an iron rod set, the True Point of Beginning, having a northing of 803074.0090 and an easting of 937836.5440:

Thence N83°45'12"W 185.47' to an iron rod set; Thence N79°00'08"W 86.00' to an iron rod set; Thence N04°07'43"E 125.08' to an iron rod set; Thence N10°26'27"E 196.18' to an iron rod set; Thence N40°14'16"E 52.28' to an iron rod set; Thence N05°09'53"W 64.38' to an iron rod set; Thence S88°36'19"E 29.75' to a MAG nail set; Thence S88°36'19"E 29.75' to an iron rod set; Thence N18°35'12"W 28.21' to an iron rod set; Thence S77°28'55"E 54.87' to an iron rod set; Thence N14°22'07"E 131.80' to an iron rod set; Thence N47°03'23"E 198.90' to an iron rod set; Thence S75°24'55"E 566.46' to an iron rod set; Thence S16°25'32"W 528.28' to an iron rod set; Thence S16°25'32"W 252.56' to an iron rod set; Thence N76°50'45"W 252.56' to an iron rod set;

Said parcel containing 435,873.7 square feet or 10.006 acres, which equates to 40,494.2 square meters or 10.303 cuerdas.

Beginning at a survey control point in the Ward of Guayacan, said point being a brass disk set in concrete. Said point also known as 'DOCK' and having a northing of 801006.9442 and an easting of 938162.6251 noted as the Point of Beginning on the plat labeled "UNITED STATES GOVERNMENT PROPERTY FORMER NAVAL STATION ROOSEVELT ROADS SWMU 60". Thence N54°37'08"W 1654.13' to an iron rod set, the True Point of Beginning, having a northing of 801964.7050 and an easting of 936813.9780:

Thence S36°38'53"W 125.53' to an iron rod set at the approximate edge of water of Ensenada Honda;

Thence West along the approximate edge of water of Ensenada Honda;

Thence North along the approximate edge of water of Ensenada Honda to the outer face of the concrete cap of the sheet pile bulkhead;

Thence northerly 650' more or less along the outer face of the concrete cap of the sheet pile bulkhead to a corner and a point not set;

Thence N42°49'01"E 77.54' to an iron rod set;

Thence N43°10'26" E 297.11' to an iron rod set;

Thence S54°53'10"E 533.29' to an iron rod set;

Thence S02°44'59"W 553.07' to an iron rod set, the True Point of Beginning.

Said parcel containing 522,564.2 square feet or 11.996 acres, which equates to 48,548.0 square meters or 12.352 cuerdas.

Beginning at a survey control point in the Ward of Guayacan, said point being a brass disk set in concrete. Said point also known as 'DOCK' and having a northing of 801006.9442 and an easting of 938162.6251 noted as the Point of Beginning on the plat labeled "UNITED STATES GOVERNMENT PROPERTY FORMER NAVAL STATION ROOSEVELT ROADS SWMU 70". Thence S53°10'00"E 3250.71' to an iron rod set, the True Point of Beginning, having a northing of 799058.1770 and an easting of 940764.4420:

Thence S57°47'19''E 37.64' to an iron rod set; Thence N44°55'57''E 173.74' to an iron rod set; Thence S57°17'31''E 111.84' to an iron rod set; Thence N36°34'06''E 201.09' to an iron rod set; Thence N37°04'40''E 169.36' to an iron rod set; Thence S55°15'34''E 480.26' to an iron rod set; Thence S11°55'24''E 744.51' to a point not set; Thence S11°55'32''E 384.03' to an iron rod set; Thence S11°55'32''E 302.53' to an iron rod set; Thence S35°00'31''W 38.81' to an iron rod set;

Thence S37°34'05"W 974.32' to an iron rod set:

Thence S37°34'05''W 47.35' to a point not set at the approximate edge of water of Ensenada Honda;

Thence Northwest along the approximate edge of water of Ensenada Honda to a point not set, having a northing of 798199.2372 and an easting of 940339.1806;

Thence N39°41'54"E 13.18' to an iron rod set;

Thence N39°41'54"E 276.47' to an iron rod set;

Thence N52°24'16"W 102.74' to an iron rod set;

Thence N34°04'40"E 288.47' to an iron rod set;

Thence N05°58'21"W 84.04' to an iron rod set;

Thence N33°55'35"E 302.36' to an iron rod set, the True Point of Beginning.

Said parcel containing 2,402,454.8 square feet or 55.153 acres, which equates to 223,196.3 square meters or 56.787 cuerdas.

#### **LEGAL DESCRIPTION FOR SWMU74-A**

Beginning at a survey control point in the Ward of Machos, said point being a brass disk set in concrete. Said point also known as 'MOUND' and having a northing of 813308.1492 and an easting of 933097.0283 noted as the Point of Beginning on the plat labeled "UNITED STATES GOVERNMENT PROPERTY FORMER NAVAL STATION ROOSEVELT ROADS SWMU74". Thence S07°48'31"E 791.08' to a MAG nail set in concrete, the True Point of Beginning, having a northing of 805471.4150 and an easting of 934171.7141:

Thence S84°24'28''E 217.74' to an iron rod set; Thence following a curve to an iron rod set with a long chord of 227.10', chord bearing of S81°11'33''E

> Radius=2024.61' Arc=227.22'

Thence N05°12'00"E 97.83' to an iron rod set; Thence S74°43'46"W 122.58' to an iron rod set; Thence S12°36'43"W 78.19' to an iron rod set; Thence S73°42'58"E 300.79' to a point not set; Thence N13°54'41"E 75.06' to a point not set; Thence S73°44'59"E 211.12' to an iron rod set; Thence N15°36'40"E 96.26' to an iron rod set; Thence S72°53'04"E 431.96' to an iron rod set; Thence N21°17'42"E 28.38' to a point not set; Thence S73°47'38"E 397.41' to an iron rod set; Thence N10°41'30"W 155.99' to an iron rod set; Thence N24°56'10"W 436.89' to a point not set; Thence S85°41'45"E 57.30' to a point not set; Thence S24°56'10"E 415.14' to an iron rod set: Thence S10°41'30"E 139.53' to an iron rod set; Thence S47°54'06"E 141.95' to an iron rod set; Thence S71°30'48"E 526.34' to a point not set; Thence S18°19'03"W 21.73' to an iron rod set; Thence S71°39'37"E 443.40' to an iron rod set; Thence N20°15'33"E 38.47' to an iron rod set; Thence S73°15'14"E 158.67' to an iron rod set; Thence N85°32'48"E 257.07' to an iron rod set:

Thence following a curve to an iron rod set with a long chord of 935.79', chord bearing of S78°43'44''E

## Radius=1726.48'

#### Arc=947.65'

Thence N81°20'57"E 182.81' to an iron rod set;

Thence S08°39'03"E 74.72' to an iron rod set;

Thence S81°14'56"E 153.08' to an iron rod set;

Thence S88°17'56"E 549.94' to an iron rod set;

Thence S47°00'01"W 63.50' to an iron rod set;

Thence S42°53'13"E 7.49' to an iron rod set;

Thence N88°17'56''W 513.15' to an iron rod set; Thence N81°10'28''W 140.47' to an iron rod set;

Thence  $S08^{\circ}35'26''E 73.04'$  to an iron rod set;

Thence S81°20'57"W 193.72' to an iron rod set;

Thence N08°39'03"W 71.67' to an iron rod set;

Thence S62°12'21"W 972.70' to a MAG nail set;

Thence S26°03'00"E 113.93' to a MAG nail set;

Thence following a curve to a MAG nail set with a long chord of 237.66', chord bearing of  $S16^{\circ}38'24''E$ 

## Radius=726.81'

Arc=238.74'

Thence N77°28'55"W 19.54' to an iron rod set;

Thence S18°35'12"E 28.21' to a MAG nail set;

Thence N88°36'19''W 29.75' to an iron rod set;

Thence S05°09'53"E 64.38' to an iron rod set; Thence S40°14'16"W 52.28' to an iron rod set;

Thence S10°26'27"W 196.18' to an iron rod set;

Thence S04°07'43"W 41.01' to a point not set;

Thence N76°44'04''W 49.89' to a point not set;

Thence N13°15'56"E 113.41' to a point not set;

Thence N03°06'20"E 173.76' to a point not set;

Thence S86°53'40"E 74.91' to an iron rod set;

Thence following a curve to a chiseled "X" in concrete with a long chord of 282.52', chord bearing of N14°00'12"W

Radius=676.81' Arc=284.61'

Thence N26°03'00"W 519.53' to an iron rod set;

Thence S80°10'59"W 87.57' to an iron rod set;

Thence N16°52'46"W 50.38' to an iron rod set;

Thence N80°10'59"E 131.28' to a MAG nail set;

Thence S26°03'00"E 393.09' to a MAG nail set;

Thence N62°12'21"E 988.54' to an iron rod set;

Thence N08°39'03"W 21.50' to a MAG nail set;

Thence following a curve to a MAG nail set with a long chord of 930.38', chord bearing of N78°20'37"W

#### Radius=1676.48'

Arc=942.75'

Thence S85°32'48"W 341.12' to a MAG nail set; Thence N71°11'10"W 87.21' to a MAG nail set; Thence S10°51'06"W 14.27' to an iron rod set; Thence N71°39'37"W 50.02' to a MAG nail set; Thence N10°08'32"E 14.71' to a MAG nail set; Thence N71°11'10"W 944.80' to a MAG nail set; Thence N47°54'06"W 42.57' to an iron rod set; Thence N73°47'38"W 938.98' to a MAG nail set; Thence S13°54'41"W 75.06' to a point not set; Thence N73°47'38"W 211.11' to a point not set; Thence N13°54'41"E 75.06' to a MAG nail set; Thence N73°47'38"W 300.34' to a MAG nail set; Thence S12°55'54"W 71.34' to a point not set; Thence N75°39'02"W 211.72' to an iron rod set; Thence N13°27'15" E 78.18' to a MAG nail set; Thence N80°20'33"W 341.41' to a MAG nail set, the True Point of Beginning.

Said parcel containing 460,066.7 square feet or 10.452 acres, which equates to 42,741.7 square meters or 10.875 cuerdas.

# **LEGAL DESCRIPTION FOR SWMU 74-B**

Beginning at a survey control point in the Ward of Machos, said point being a brass disk set in concrete. Said point also known as 'MOUND' and having a northing of 813308.1492 and an easting of 933097.0283 noted as the Point of Beginning on the plat labeled "UNITED STATES GOVERNMENT PROPERTY FORMER NAVAL STATION ROOSEVELT ROADS SALE SWMU 74". Thence S35°05'00"E 10868.19' to an iron rod set, the True Point of Beginning, having a northing of 804414.5322 and an easting of 939343.7210:

Thence N24°51'34"E 135.09' to an iron rod set: Thence N83°16'43"W 73.69' to an iron rod set; Thence N06°43'17"E 92.40' to an iron rod set; Thence N23°48'40"E 133.20' to an iron rod set; Thence S66°11'20"E 75.11' to an iron rod set; Thence N24°04'14"E 117.16' to an iron rod set; Thence N31°46'08"E 226.45' to an iron rod set; Thence S58°13'52"E 50.00' to an iron rod set; Thence S82°43'42"E 81.83' to an iron rod set; Thence S33°02'16"W 83.23' to an iron rod set; Thence S54°26'47"W 188.36' to an iron rod set; Thence S24°04'14"W 113.56' to an iron rod set; Thence S66°11'20"E 74.89' to an iron rod set; Thence S10°42'49"W 90.70' to an iron rod set; Thence S25°31'45"W 74.44' to an iron rod set; Thence N83°16'43"W 73.69' to an iron rod set; Thence S24°51'34"W 91.83' to an iron rod set; Thence N42°59'40"W 23.84' to an iron rod set; Thence S47°00'01"W 74.09' to an iron rod set, the True Point of Beginning.

Said parcel containing 73,882.1 square feet or 1.696 acres, which equates to 6,863.9 square meters or 1.746 cuerdas.

### **LEGAL DESCRIPTION FOR SWMU 74-C**

Beginning at a survey control point in the Ward of Guayacan, said point being a brass disk set in concrete. Said point known as "DOCK" and having a northing of 801006.9442 and an easting of 938162.6251 noted as the Point of Beginning on the plat labeled "UNITED STATES GOVERNMENT PROPERTY FORMER NAVAL STATION ROOSEVELT ROADS SALE SWMU 74". Thence N22°10'22"W 1831.92' to an iron rod set, the True Point of Beginning, having a northing of 802703.3950 and an easting of 937471.2568:

Thence N34°11'31"W 194.34' to an iron rod set; Thence S46°17'33"E 89.57' to an iron rod set; Thence N13°42'48"E 215.32' to a point not set; Thence S76°18'03"E 75.00' to an iron rod set; Thence N13°44'43"E 118.16' to an iron rod set; Thence S79°00'08"E 50.06' to a MAG nail set; Thence S13°44'43"W 120.52' to a MAG nail set; Thence S13°44'43"W 120.52' to an iron rod set; Thence S13°41'57"W 106.96' to an iron rod set; Thence S13°41'57"W 106.96' to an iron rod set; Thence S13°56'57"W 212.64' to an iron rod set, the True Point of Beginning.

Said parcel containing 38,088.0 square feet or 0.874 of an acre, which equates to 3,538.5 square meters or 0.900 of a cuerda.

## **LEGAL DESCRIPTION FOR SWMU 74-D**

Beginning at a survey control point in the Ward of Guayacan, said point being a brass disk set in concrete. Said point known as "DOCK" and having a northing of 801006.9442 and an easting of 938162.6251 noted as the Point of Beginning on the plat labeled "UNITED STATES GOVERNMENT PROPERTY FORMER NAVAL STATION ROOSEVELT ROADS SALE SWMU 74". Thence N27°47'26"W 2330.79' to an iron rod set, the True Point of Beginning, having a northing of 803068.8943 and an easting of 937075.9131:

Thence N46°14'36"W 426.22' to an iron rod set; Thence N89°37'13"W 26.21' to an iron rod set; Thence N18°25'23"E 12.76' to an iron rod set; Thence S89°11'21"E 82.89' to an iron rod set; Thence S46°14'36"E 227.13' to an iron rod set; Thence S29°11'01"E 170.43' to an iron rod set, the True Point of Beginning.

Said parcel containing 16,988.7 square feet or 0.390 of an acre, which equates to 1,578.3 square meters or 0.402 of a cuerda.



# **LEGAL DESCRIPTION FOR SMALL ARMS RANGE**

Beginning at a survey control point in the Ward of Machos, said point being a brass disk set in concrete. Said point also known as 'MEDIO' and having a northing of 811980.2405 and an easting of 943163.0741 noted as the Point of Beginning on the plat labeled "UNITED STATES GOVERNMENT PROPERTY FORMER NAVAL STATION ROOSEVELT ROADS SMALL ARMS RANGE". Thence S53°46'34"W 2552.38' to an iron rod set, the True Point of Beginning, having a northing of 810471.9345 and an easting of 941104.0324:

Thence N67°08'10"W 126.56' to the approximate edge of water;

Thence North and East along the approximate edge of water of Punta Medio Mundo; Thence South along the approximate edge of water of Punta Medio Mundo to a point not set said point having a northing of 810153.3857 and an easting of 941859.4701; Thence N67°08'10"W 38.51' to an iron rod set; Thence N67°08'10"W 781.35' to an iron rod set, the True Point of Beginning.

Said parcel containing 2,882,787.2 square feet or 66.180 acres, which equates to 267,820.8 square meters or 68.141 cuerdas.

Beginning at a survey control point in the Ward of Guayacan, said point being a brass disk set in concrete. Said point also known as 'DOCK' and having a northing of 801006.9442 and an easting of 938162.6251 noted as the Point of Beginning on the plat labeled "UNITED STATES GOVERNMENT PROPERTY FORMER NAVAL STATION ROOSEVELT ROADS SWMU 78, 11, 45 & AOC F 2842 B ". Thence N60°43'39"E 987.03' to an iron rod set, the True Point of Beginning, having a northing of 801489.5650 and an easting of 939023.6150:

Thence N89°56'31''E 445.61' to an iron rod set; Thence S00°00'20''W 273.20' to an iron rod set; Thence S89°58'27''W 445.58' to an iron rod set; Thence N00°00'05''W 272.95' to an iron rod set, the True Point of Beginning.

Said parcel containing 121,681.1 square feet or 2.793 acres, which equates to 11,304.6 square meters or 2.876 cuerdas.

## **LEGAL DESCRIPTION AOC F 124**

Beginning at a survey control point in the Ward of Machos, said point being a brass disk set in concrete. Said point also known as 'CAMP' and having a northing of 800851.3059 and an easting of 941574.6311 noted as the Point of Beginning on the plat labeled "SWMU 78, 11, 45 & AOC F 2842 B & AOC F 124" Thence S15°12'23"W 844.28' to an iron rod set, the True Point of Beginning, having a northing of 800036.5863 and an easting of 941353.1808:

Thence N34°19'18"E 319.12' to an MAG nail set; Thence S56°03'05"E 167.80' to an iron rod set; Thence S33°57'07"W 316.10' to an iron rod set; Thence N57°04'05"W 169.89' to an iron rod set, the True Point of Beginning.

Said parcel containing 53,607.9 square feet or 1.231 acres, which equates to 4,980.3 square meters or 1.267 cuerdas.

#### **LEGAL DESCRIPTION AOC F 2842 B**

Beginning at a survey control point in the Ward of Machos, said point being a brass disk set in concrete. Said point also known as 'CAMP' and having a northing of 800851.3059 and an easting of 941574.6311 noted as the Point of Beginning on the plat labeled "SWMU 78, 11, 45 & AOC F 2842 B" Thence S15°12'23"W 844.28' to an iron rod set, the True Point of Beginning, having a northing of 800036.5863 and an easting of 941353.1808:

Thence S57°04'05"E 335.05' to an iron rod set; Thence S37°06'48"W 63.83' to a MAG nail set; Thence S37°05'01"W 45.51' to a MAG nail set; Thence N57°38'42"W 72.97' to an iron rod set; Thence S35°44'10"W 121.41' to a MAG nail set; Thence N55°32'58"W 254.23' to an iron rod set; Thence N34°27'08"E 224.39' to an iron rod set, the True Point of Beginning.

Said parcel containing 66,625.6 square feet or 1.530 acres, which equates to 6,189.7 square meters or 1.575 cuerdas.

# DN-301 SWMU 57 (AS IS & For Segregation)

RURAL: Parcel of land identified as SWMU 57, situated in the Ward of Machos, Municipality of Ceiba, Puerto Rico, containing an area of eight thousand seven hundred square meters and three hundred thousandths of a square meter (8,700.300 s.m.); equivalent to two cuerdas and two hundred and fourteen thousandths of a cuerda (2.214 cuerdas); bounded on the NORTH, SOUTH, EAST and WEST by lands of the principal estate from which it is segregated, property of the United States of America.

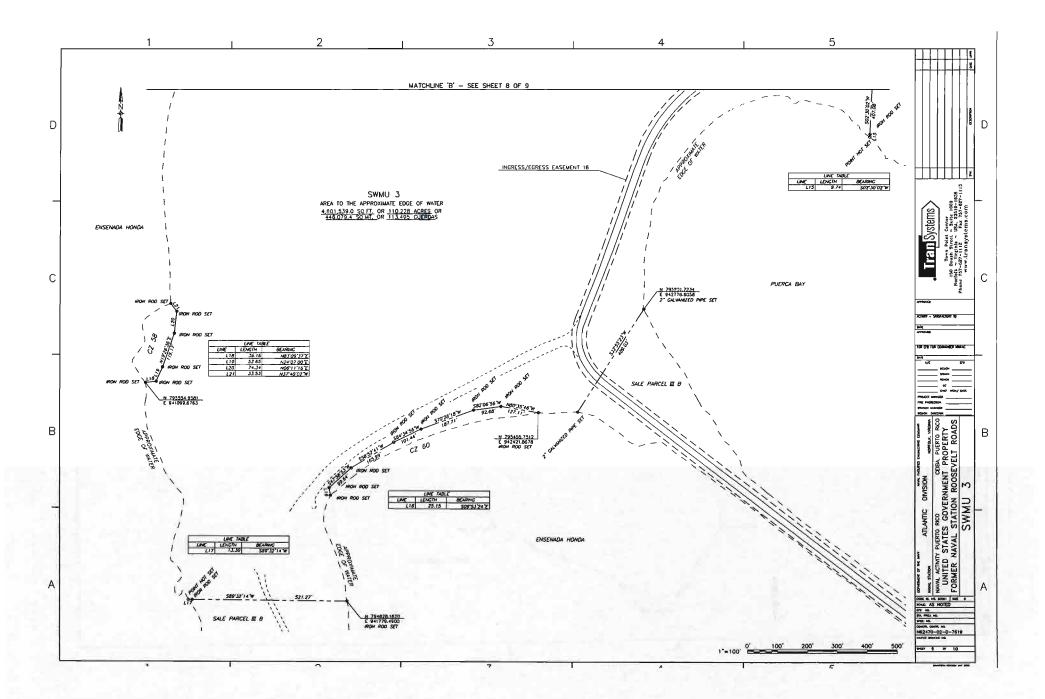
## DN-301 AOC F 1738 (AS IS & For Segregation

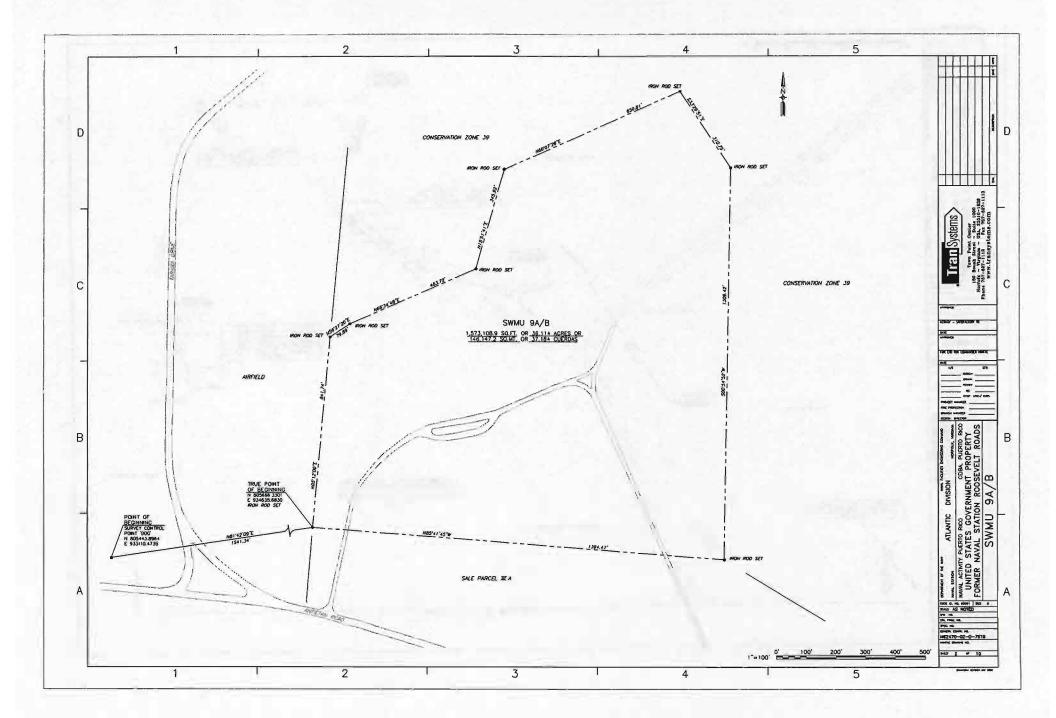
RURAL: Parcel of land identified as AOC F 1738, situated in the Ward of Machos, Municipality of Ceiba, Puerto Rico, containing an area of twenty one thousand twenty four square meters (21,024.000 s.m.); equivalent to five cuerdas and three hundred forty nine thousandths of a cuerda (5.349 cuerdas); bounded on the NORTH by lands of Conservation Zone 39 (Commonwealth of Puerto Rico, Department of Natural Resources) and by lands of the principal estate from which it is segregated, property of the United States of America, on the SOUTH, EAST and WEST by lands of the principal estate from which it is segregated, property of the United States of America.

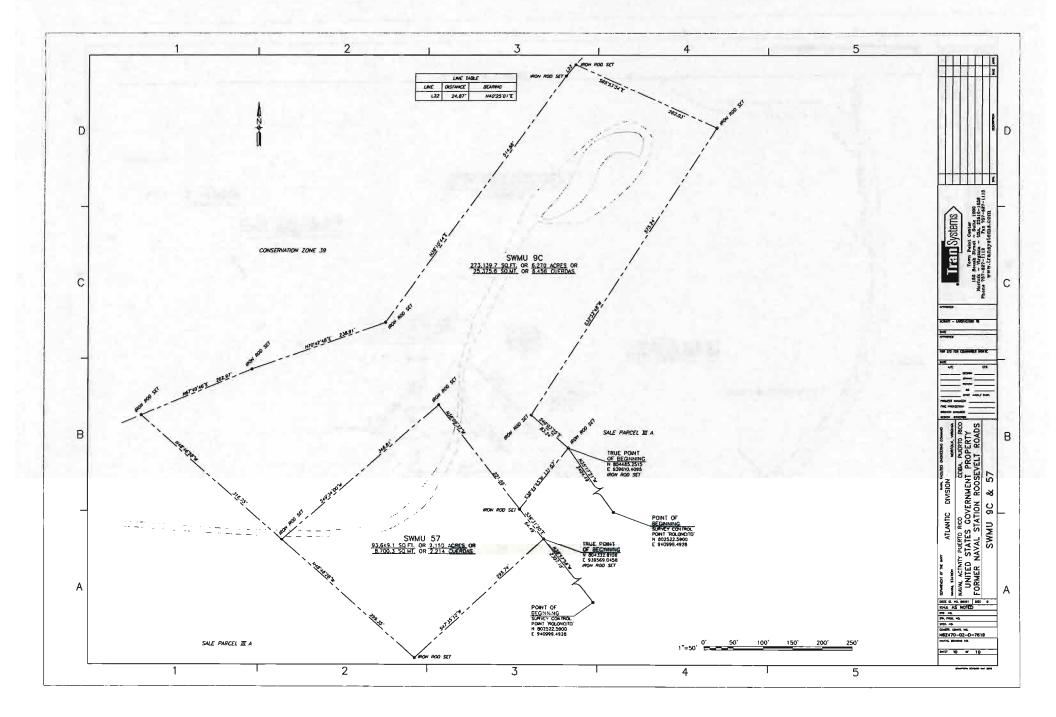
#### Segregation from Forrestal Treatment Plant Parcel

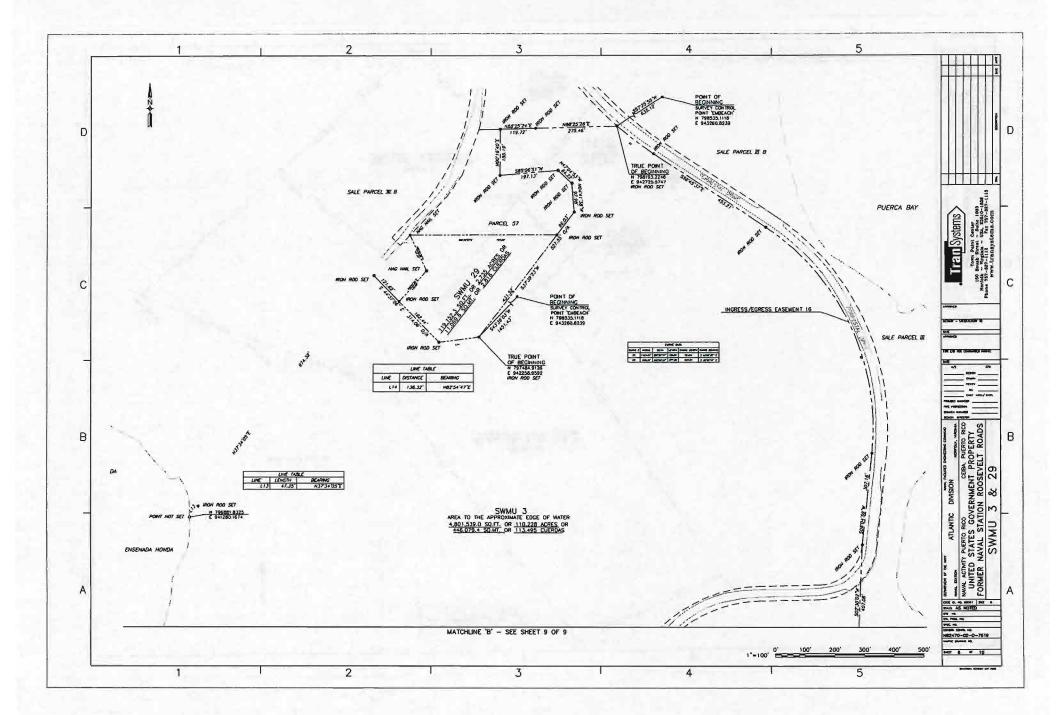
#### DN-301 SWMU 29 (AS IS & For Segregation from Forrestal

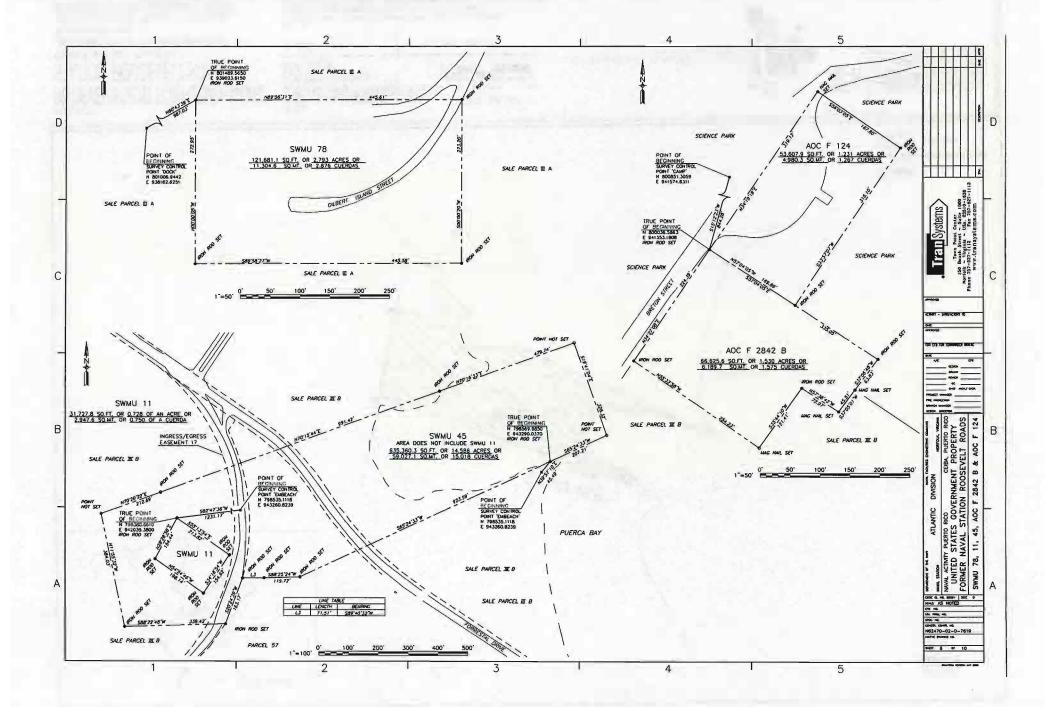
RURAL: Parcel of land identified as SWMU 29, situated in the Ward of Guayacán, Municipality of Ceiba, Puerto Rico, containing an area of eleven thousand sixty nine square meters and six hundred thousandths of a square meter (11,069.600 s.m.); equivalent to two cuerdas and eight hundred sixteen thousandths of a cuerda (2.816 cuerdas); bounded on the NORTH, SOUTH, EAST and WEST by lands of the principal estate from which it is segregated, property of the United States of America.

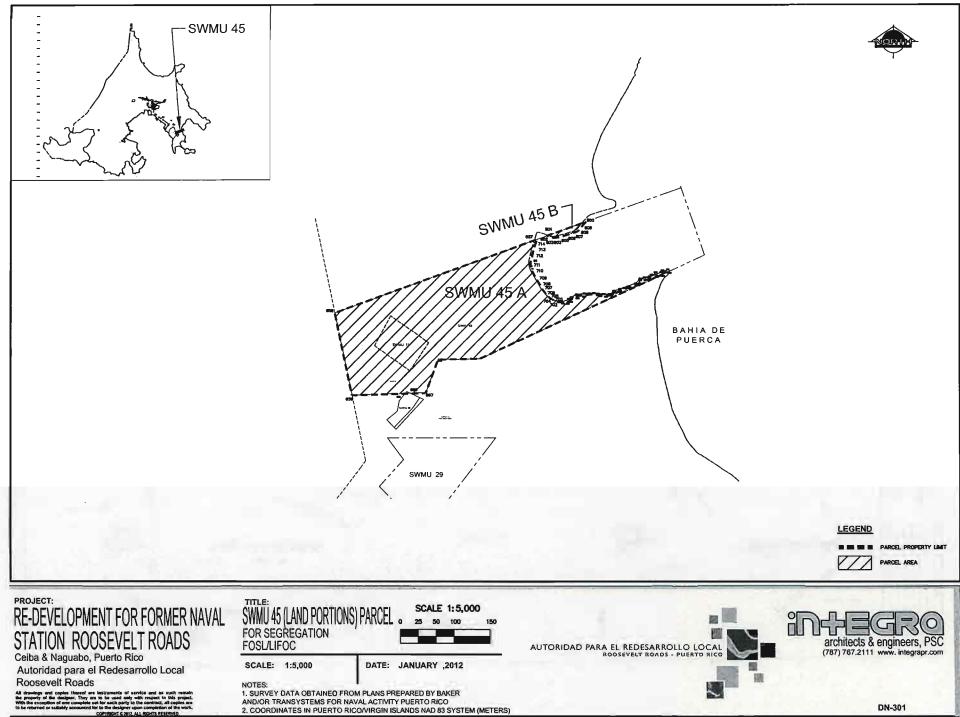








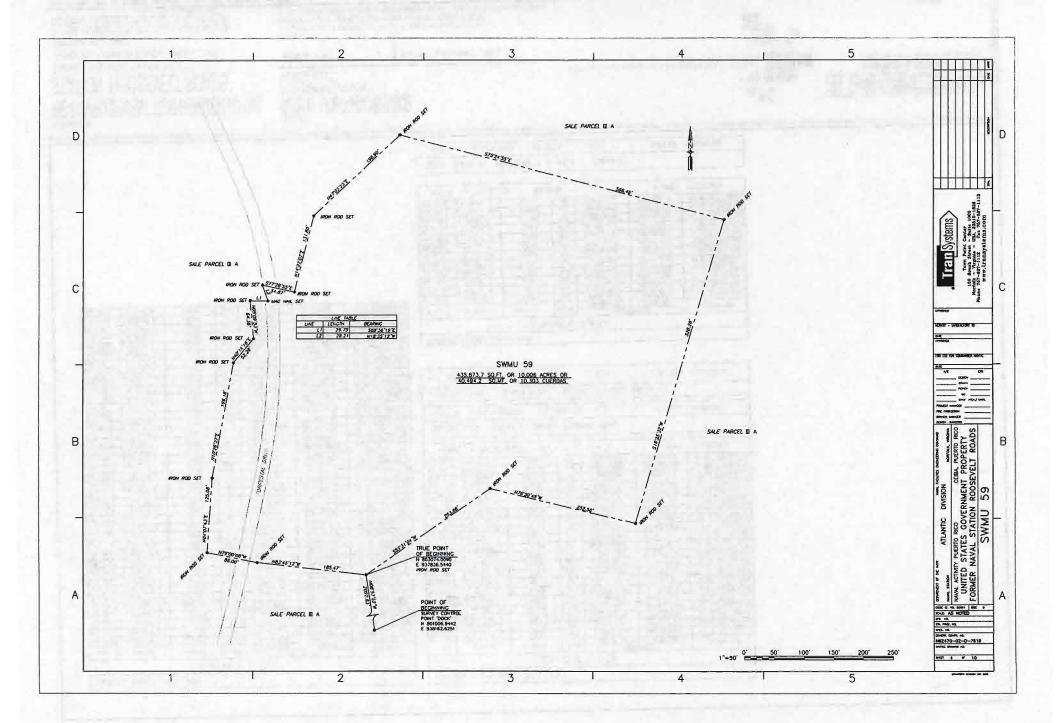


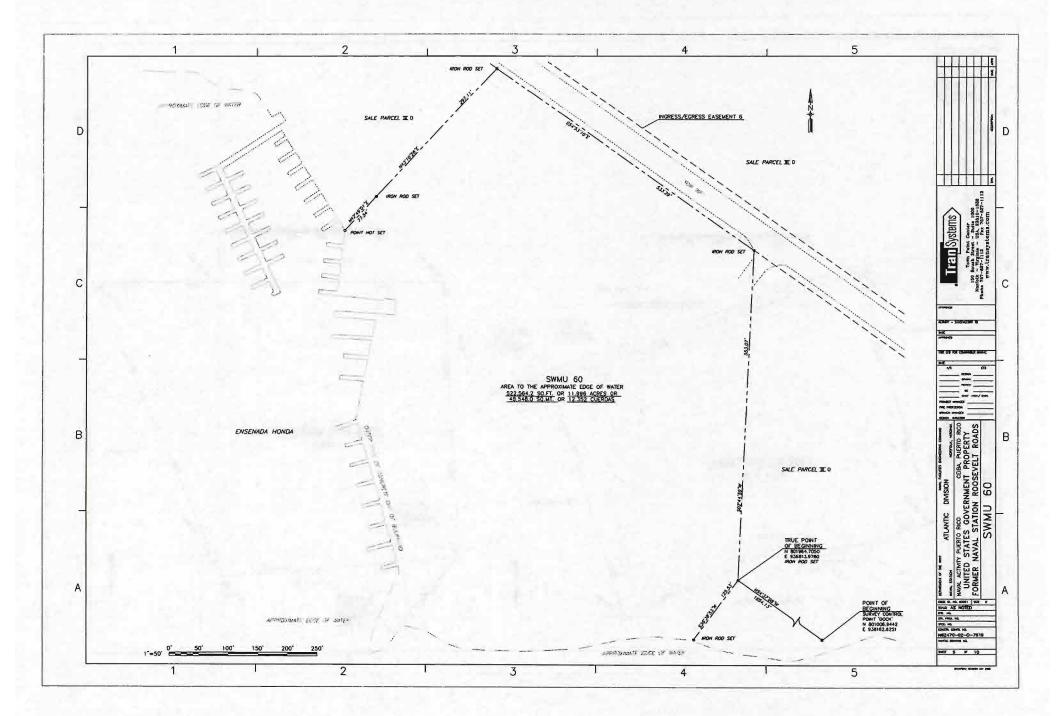


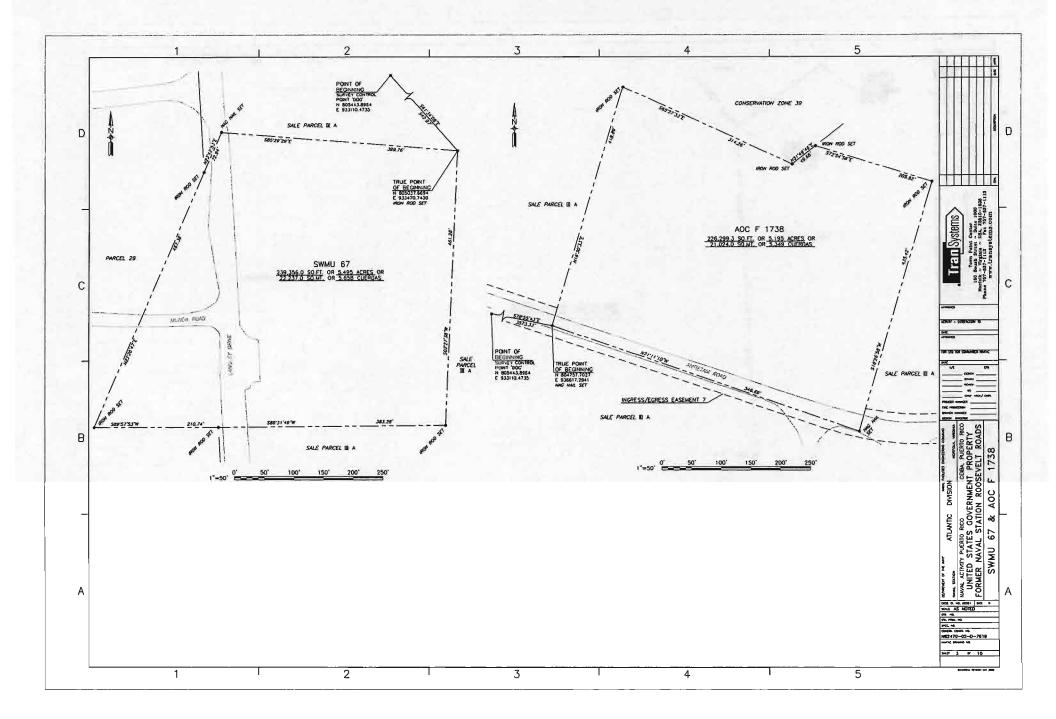
P:\pr\19-Ceiba\16820 AoR ROOSEVELT RD\Segregations\F05T-F05L-SEGREGATIONS JAH-2012\Drawings

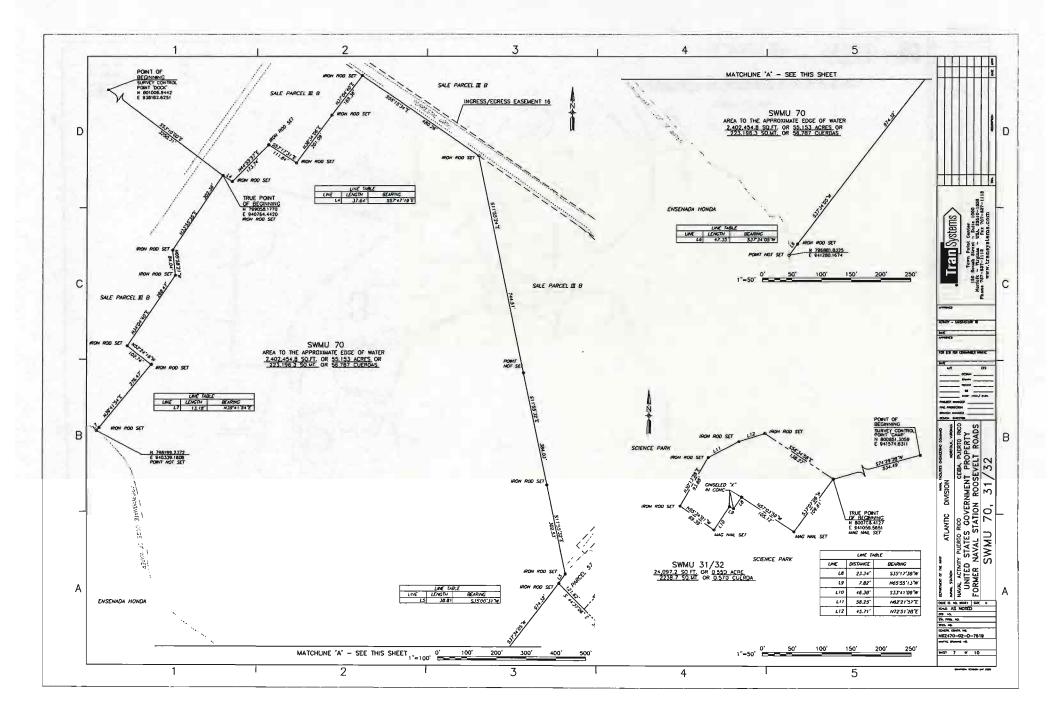
TANG	EL NAME: SWA		1.11-1.1	DATA	_		PARC	EL NAME: SW		_	DATA	_	
-				DATA	DINATES		-				DATA	OWATES	
UNE	BEARING	DISTANCE	POINT	NORTH (Y)	EAST (X)	DESCRIPTION	LINE	BEARING	DISTANCE	POINT	NORTH (Y)	EAST (X)	DESCRIPTION
514-613	N 512124 E	2.3092	814	243404.0833	287518.2031	TO BE ESTABLISHED	689-688	5 89'20'30" E	4.3277	689	243376.4711	287428.9188	TO BE ESTABLISHED
513-612 512-811	N 5974'19" E N 54'39'14" E	2.7968	813 812	243405.5253 243406.5167	287520.0067 287522.6219	TO BE ESTABLISHED TO BE ESTABLISHED	688-687 687-686	5 83'37'13" E 5 84'27'19" E	4.3095	688 687	243376.4214 243375.9425	287433.2462 287437.5291	TO BE ESTABLISHED TO BE ESTABLISHED
11-810	S 72'4'55" E	1.5478	811	243408.4995	287525.4175	TO BE ESTABLISHED	886-685	N 8914'55" E	5.0928	686	243375.5728	287441.3370	TO BE ESTABLISHED
810-50	S 65'24'33 W	288.1747	810	243408.0233	287528.8902	TO BE ESTABLISHED	685-684	N 74'43'0" E	7.2296	685	243375.6396	287446.4294	TO BE ESTABLISHED
50-668	S 88'53'30" W	58.3231	50	243288.1038	287264.8521	TO BE ESTABLISHED	684-683	N 58'4'2" E	3.4426	684	243377.5453	287453.4033	TO BE ESTABLISHED
68-667	S 20"24'39" W	49.7676	668	243286.9756	287206.5399	TO BE ESTABLISHED	683-682	N 54'32'0" E	3.3728	683	243379.3662	287456.3249	TO BE ESTABLISHED
67-666	5 88"22"48" W	21.8071	667	243240.3326	287169.1835	TO BE ESTABLISHED	682-681	H 72'49'57" E	3.8326	682	243381.3231	287459.0717	TO BE ESTABLISHED
66-659	S 88"22"48" W	81.7179	666	243239.7161	287167.3851	TO BE ESTABLISHED	681-680	N 70"24"1" E	4.9254	681	243382.4543	287462.7336	TO BE ESTABLISHED
59-658	N 11'55'32" W	117.1307	659	243237.4061	287085.6999	TO BE ESTABLISHED	680-679	N 67'39'55" E	5.4994	680	243384.1065	287467.3736	TO BE ESTABLISHED
58-657	N 7016'33" €	301.2092	658	243352.0088	287061.4961	TO BE ESTABLISHED	679-678	N 70'23'53" E	12.3316	679	243386.1964	287472.4605	TO BE ESTABLISHED
57-713	S 20'9'2" W	14.8997	657	243453.6649	287345.0327	TO BE ESTABLISHED TO BE ESTABLISHED	678-677 677-676	N 53'23'24" E N 68'33'13" E	7.9892	678	243390.3335	287484.0774	TO BE ESTABLISHED
12-59	5 12'17'7" W S 13'43'7" W	6.8058 10.5409	713	243439.6772 243433.0272	287339.9000 287338.4518	TO BE ESTABLISHED	676-675	N 76'33'16" E	3.8114	677	243395.0979 243396.4915	287490.4904 287494.0379	TO BE ESTABLISHED
59-711	S 124'15" W	3.2737	59	243422.7870	287335.9520	TO BE ESTABLISHED	675-674	S 79'49'50" E	3.5731	675	243397.5041	287498.2735	TO BE ESTABLISHED
711-61	S 0'44'31" E	3.6512	711	243419.5143	287335.8718	TO BE ESTABLISHED	674-673	N 62'11'25" E	3.6704	674	243396.8732	287501.7905	TO BE ESTABLISHED
61-62	S 14215 E	3.7145	61	243415.8635	287335.9191	TO BE ESTABLISHED	673-672	N 7157 E	3.3364	673	243398.5856	287505.0369	TO BE ESTABLISHED
62-710	S 22'52'12" E	4.4890	62	243412.2598	287336.8201	TO BE ESTABLISHED	672-102	N 62'32'22" E	2.5407	672	243399.6671	287508.1932	TO BE ESTABLISHED
10-709	S 30'27'42" E	11.5230	710	243405.1237	287338.5847	TO BE ESTABLISHED	102-102	N 62'36'24" E	2.7424	102	243400.8388	287510.4477	TO BE ESTABLISHED
09-708	S 30'37'46" E	11.9665	709	243398.1913	287344.4064	TO BE ESTABLISHED	102-670	N 75'58'19" E	2.9745	102	243402.1005	287512.8826	TO BE ESTABLISHED
08-707	S 24"27"15" E	3.4106	708	243387.8944	287350,5031	TO BE ESTABLISHED	670-814	N 62'36'22° E	2.7423	670	243402.8215	287515.7683	TO BE ESTABLISHED
07-706	S 38'20'0" E	11.6590	707	243384.7897	287351.9150	TO BE ESTABLISHED	ARE	A = 39021.	0877 SQ.	MTS.	-C=	9.9280	CUERDAS
06-705	S 47'32'17" E S 65'18'17" E	6.1800 3.3655	705	243375.6442 243371.4721	287359.1463 287363.7055	TO BE ESTABLISHED				-			
04-703	S 65'41'47" E	3.3055	703	243370.0660	287366.7632	TO BE ESTABLISHED	PARCE	L NAME: SW	ALL 11 /INST	TE PAR	CEL 454)		
03-702	5 60'34'28" E	4.3240	703	243368.6703	287369.8537	TO BE ESTABLISHED	1.1.00						
702-701	S 87"22"34" E	2.7250	702	243366.5460	287373.6199	TO BE ESTABLISHED	ARE	A = 2947.6	058 SQ.	MTS.	-C=	0.7500	CUERDAS
01-700	N 89'47'2" E	2.7487	701	243366.4212	287376.3421	TO BE ESTABLISHED			-	-			
00-699	S 8715'0" E	6.4271	700	243366.4316	287379.0908	TO BE ESTABLISHED	PARC	EL NAME: S	SWMU 45A I	EXCLUD	ING PARCEL	SWMU 11	
99-698	N 70'58'50' E	4.0750	699	243366.1232	287385.5105	TO BE ESTABLISHED		DC4 7007			0		
98-697	N 50'23'47" E	3.3779	698	243367.4512	287389.3630	TO BE ESTABLISHED	INCI A	REA = 3607	3.4819 50.	MIS.	-0-	9.1781	CUERDAS
97-696	N 60'31'25" E	4.4877	697	243369.6045	287391.9656	TO BE ESTABLISHED		200					
96-695	N 63'38'41" E	3.4641	696	243371.8128	287395.8723	TO BE ESTABLISHED							
95-694	N 62'34'27" E N 84'29'1" E	4.4121 5.3621	695 694	243373.3506 243375.3828	287398.9764 287402.8926	TO BE ESTABLISHED TO BE ESTABLISHED	DADCO	L NAME: SW	411 AED				
93-692	N 78'56'31" E	3.3473	693	243375.8983	287408.2299	TO BE ESTABLISHED	FANU	L WAME. SH					
92-691	N 85'56'40" E	5.6925	692	243376.5403	287411.5150	TO BE ESTABLISHED			SUF	VEY	DATA		
91-690	N 88"22"39" E	5.5258	691	243376.9429	287417,1933	TO BE ESTABLISHED	UNE	BEARING	DISTANCE	PONT	COOR	DINATES	DESCRIPTION
90-689	S 8412'55" E	6.2337	690	243377.0994	287422.7169	TO BE ESTABLISHED					NORTH (Y)	EAST (X)	
							801-800	N 7016'33" E	58.1287	801	243458.5613	287358.8861	TO BE ESTABLISHED
							809-809	\$ 412.38 W	9.6921	800	243478.1793	287413.6042	TO BE ESTABLISHED
							808-807	S 65"46'25" W	3.2526	809	243470.8694 243465.4404	287407.2400 287403.2820	TO BE ESTABLISHED
							807-807	\$ 66'53'23" W	1.2744	807	243464.1057	287400.3158	TO BE ESTABLISHED
							807-806	S 70'16'59" W	8.0054	807	243463.6055	287399.1437	TO BE ESTABLISHED
							806-805	S 7472'5" W	13.1365	806	243460.9047	287391.6077	TO BE ESTABLISHED
							805-803	S 77"54'53" W	6.8731	805	243457.3282	287378.9674	TO BE ESTABLISHED
							803-803	\$ 89'32'41" W	5.5271	803	243455.8892	287372.2457	TO BE ESTABLISHED
							803-802	N 75'9'9" W	4.8385	803	243455.8453	287366.7197	TO BE ESTABLISHED
							802-801	N 64"56"18" W	3.4848	802	243457.0851	287362.0428	TO BE ESTABLISHED
							801-801	W "00'00'00 N	0.0000	801	243458.5613	287358.8861	TO BE ESTABLISHED
							ARE	A = 377.82	85 SQ.	MTS.	-C=	0.0961	CUERDAS
										mile.	$\sim$	0.0001	OUCHDAS
							TOTAL	ARFA = S	WM11 45 A	+ 45 5	- SWALL 11	-	
									-	_	9 - SWMU 11		
							TOTAL		-	+ 45 e MTS.	3 - SWMU 11 -C=		CUERDAS

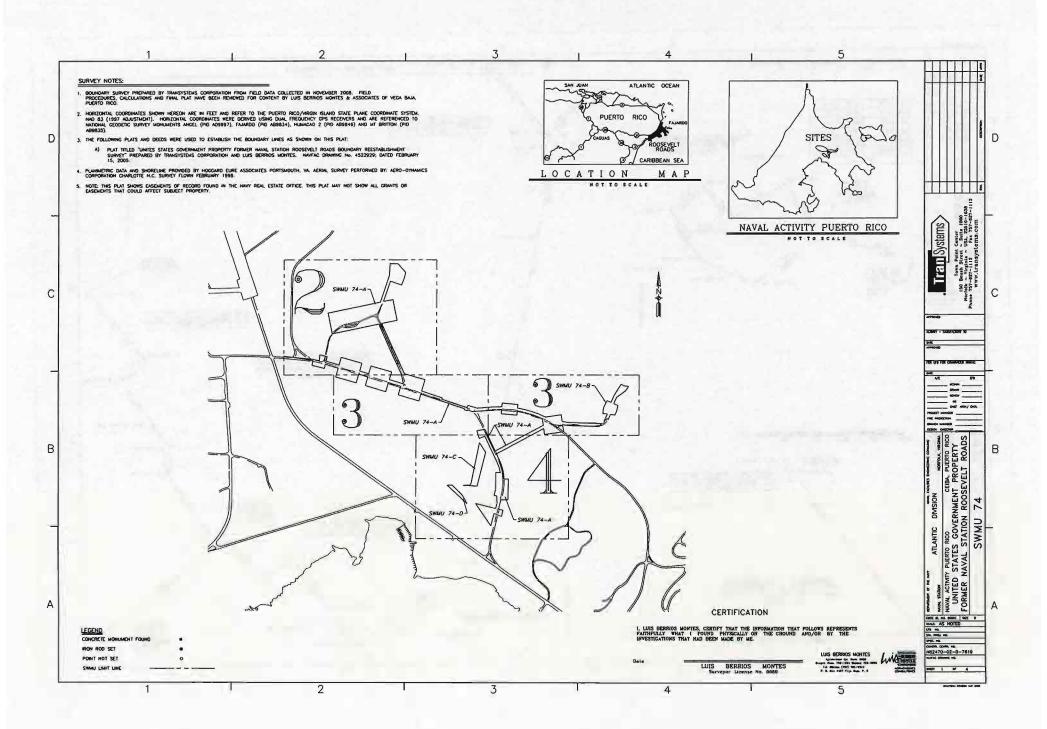
RE-DEVELOPMENT FOR FORMER NAVAL	TITLE: SWMU 45 (LAND PORTIONS FOR SEGREGATION FOSL/LIFOC	) PARCEL	AUTORIDAD PARA EL REDESARROLLO LOCAL ROOSEVELT ROADS - PUERTO RICO	architects & engineers, PSC (787) 767.2111 www.integrapr.com	
Celba & Naguabo, Puerto Rico Autoridad para el Redesarrollo Local	SCALE: N.T.S.	DATE: JANUARY ,2012	ROOSEVELT ROADS - POERTO RICO		
Roosevelt Roads	NOTES:	and the second se			
All drawings and copies barred are instruments of service and as such remain the property of the designar. They are to be used only wills respect to this project. With the exception of one complete set for each party to the contract, all copies are to be returned or suitably accounted for the designer upon completion of the work. COPYDEPT CEVTLAN LEVTLESSERVICE.	AND/OR TRANSYSTEMS FOR	ROM PLANS PREPARED BY BAKER NAVAL ACTIVITY PUERTO RICO RICO/VIRGIN ISLANDS NAD 83 SYSTEM (METERS)		DN-301	
P:\pr\19-Ceiba\16820 AoR ROOSEVELT RD\Segregations\FOST-FOSL-SEGREGATIONS JA	N~2012\Drowings				

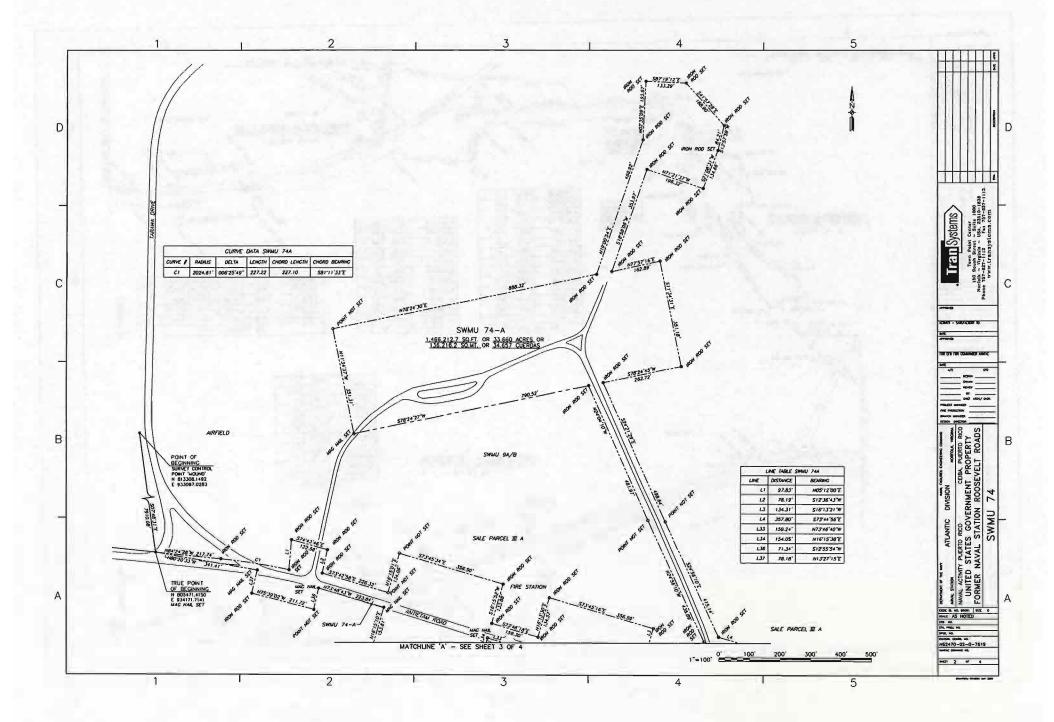


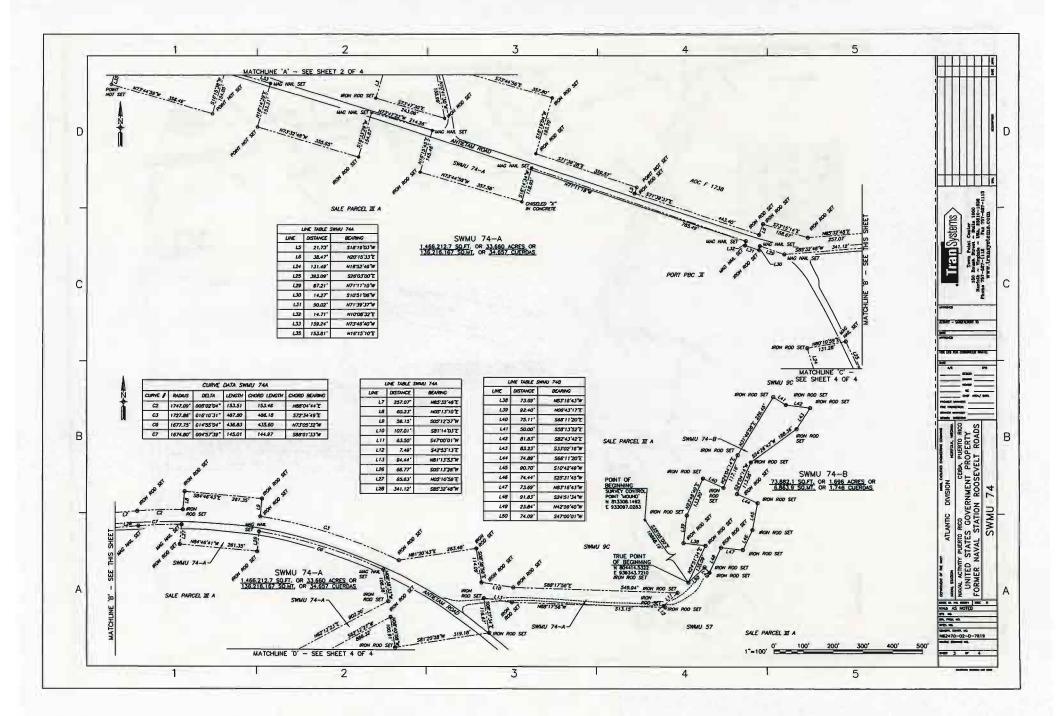


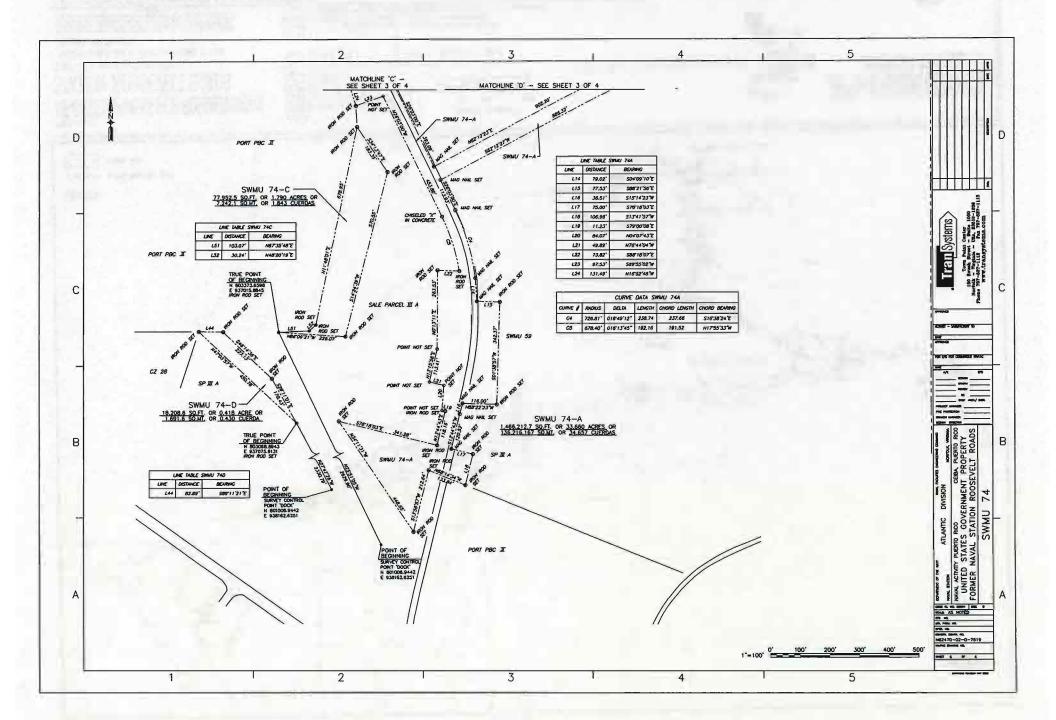


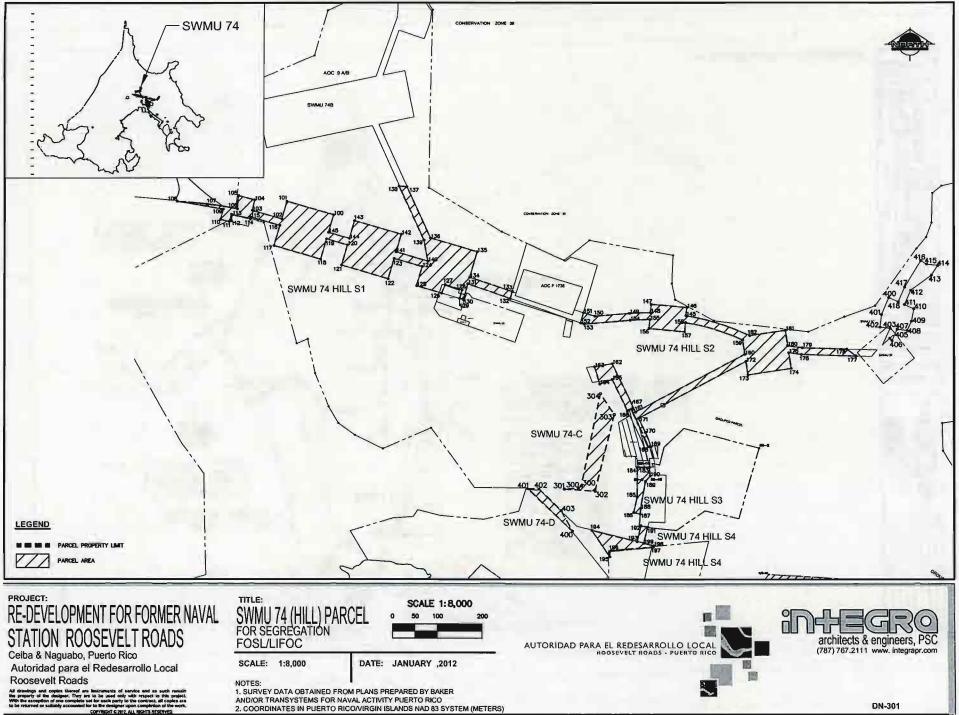






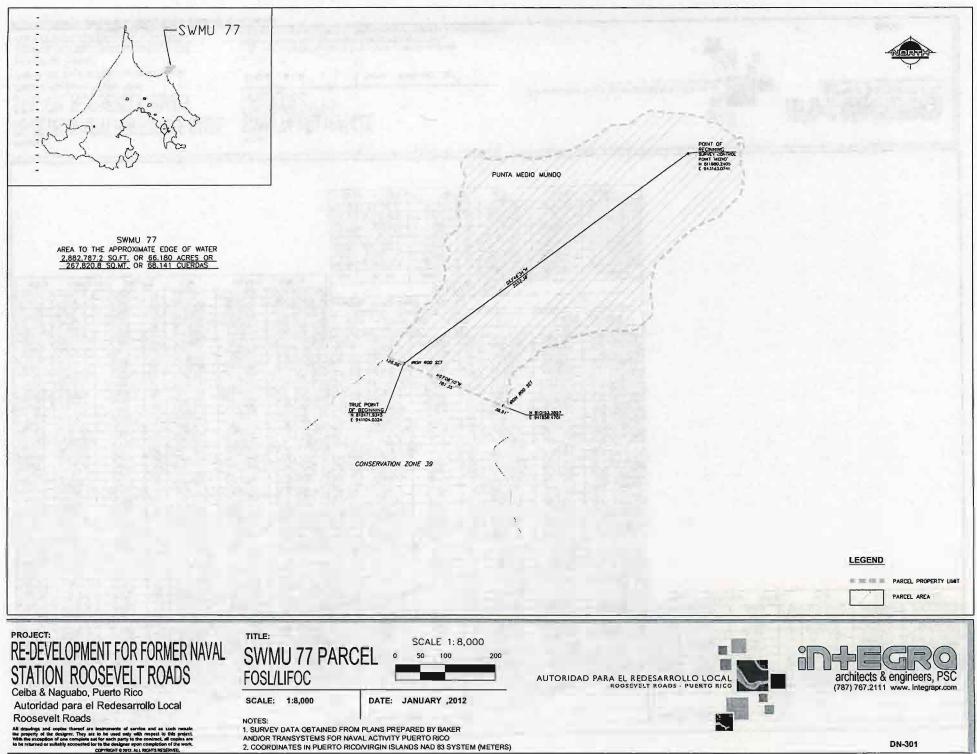




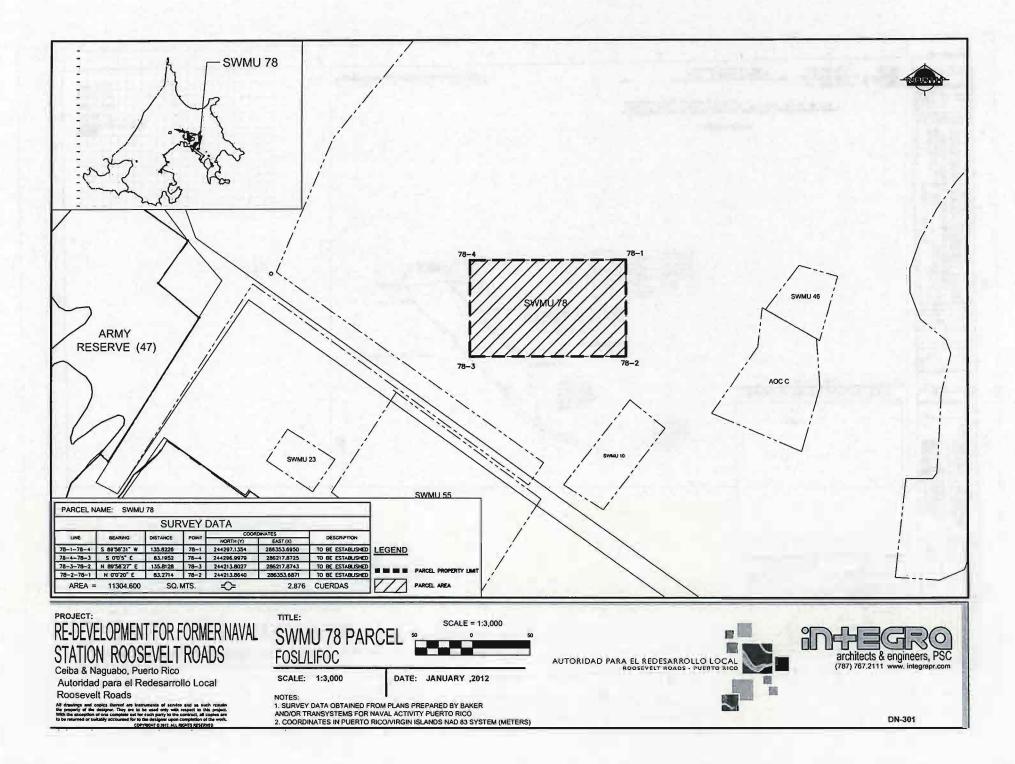


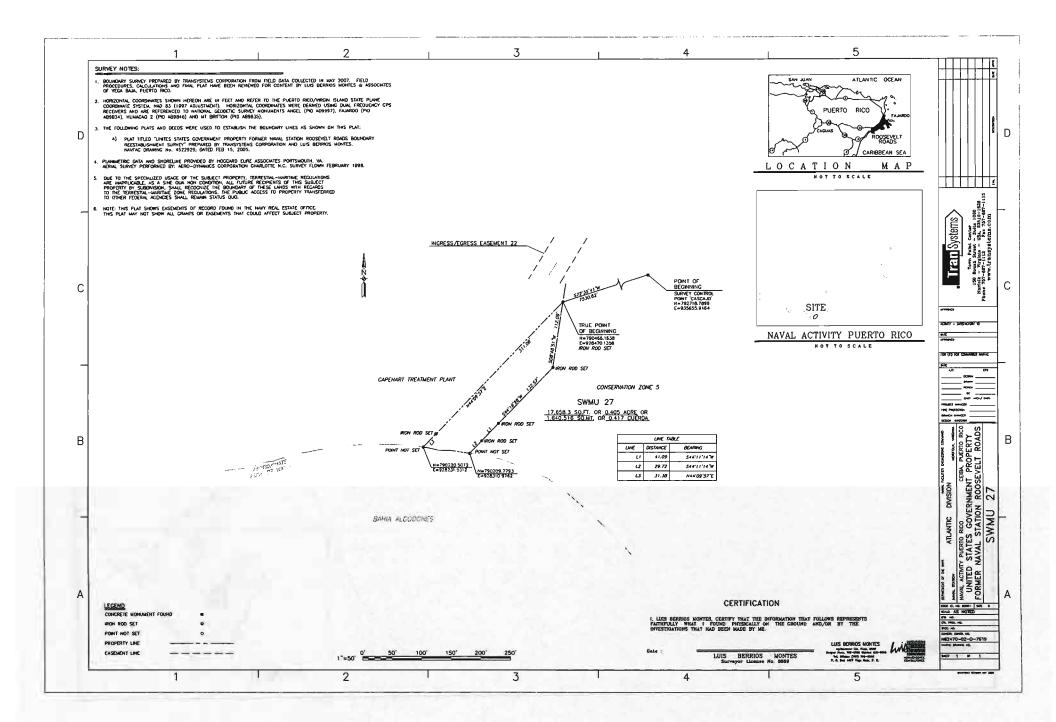
P:\pr\19-Ceibo\16820 AoR ROOSEVELT RD\Segregations\FOST-FOSL-SEGREGATIONS JAN-2012\Drawings

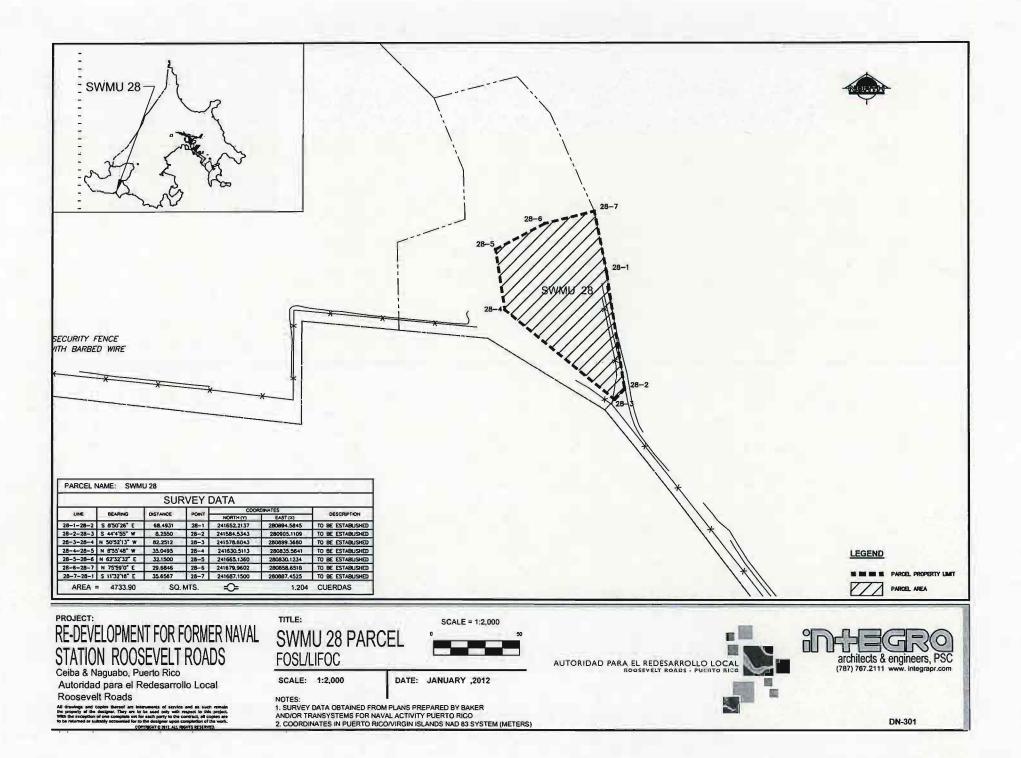
DATA         SURVEY DATA           UNDER 10         Description         Description<
Home (T)         List (Q)         Disklawing         Disklawing         Disklawing         Disklawing         Home (T)         East (Q)         Disklawing           24237.4352         283860.74:05         TO         EXT (A)         TO         EXT (A)         28077.42:44         TO EXT (A)         TO EXT (A)         TO EXT (A)         TO EXT (A)         28077.42:44         TO EXT (A)
24272.2432     284880.0716     TO BE CSTALGENDED       24272.8434     28428.8442     28428.8442     28428.8442     28428.8442     28428.8442     28428.8442     28428.8442     28428.8442     28428.8442     28428.8442     28428.8442     1184     24478.8408     28427.8408     1186     CSTALBER       195-181     N 00000°C     1.212477     15     24473.2408     28570.767     10     ESTALBER       24325.8403     28377.42745     10     ESTALBER     195-181     N 0000°C     24474.8471     24472.8408     28570.777     10     ESTALBER       24325.8403     28374.7408     10     ESTALBER     195-181     N 000°C     24474.8477     28506.3453     10     ESTALBER       24325.8404     28544.2430     28544.2437     10     ESTALBER     195-181     N 0715°T     Y 11443°T     X 3730     19     24474.8477     28506.3453     10     ESTALBER       24325.8404     28573.5307     10     ESTALBER     Y 11443°T     X 3730     19     24474.8477     28506.3454     10     ESTALBER       24325.84047     28573.5307     10     ESTALBER     Y 11443°T     X 3730     19     24474.8477     28506.3454     10     ESTALBER       24325.84047     28573.5307     10 </th
24272.844     28506.032     28578.030     10 BE CSTALUSED       1 = 33.5     C = 0.32     L = 4.70       24527.8530     25578.035     10 BE CSTALUSED       24528.01.032     25578.035     10 BE CSTALUSED       24528.01.021     25578.035     10 BE CSTALUSED       24538.11.017     25578.0357     10 BE CSTALUSED       24538.11.017     25578.0357     10 BE CSTALUSED       24538.11.017     25575.0357     10 BE CSTALUSED       24538.11.017     25575.0357     10 BE CSTALUSED       24548.11.02     25575.0357     10 BE CSTALUSED       24548.11.02     25575.0357     10 BE CSTALUSED       24528.4409     25575.0357     10 BE CSTALUSED       24528.4510     10 BE CSTALUSED       24528.4510     10 BE CSTALUSED       24548.2517     255
T = 23.55       E = 0.42       L = 47.07       UE 247.07       UE 272.4455       22857.07.2765       TO BE CSTALL         24253.1530       22857.07.025       D E ESTALL       UE 257.04.055       2287.07.0776       TO BE CSTALL         24253.1530       22854.07.125       D E ESTALL       2280.07.078       TO BE CSTALL         24253.1530       22854.07.125       D E ESTALL       2280.07.078       TO BE CSTALL         24253.1530       D E ESTALL       2280.07.078       TO BE CSTALL       280.07.078       TO BE CSTALL         24253.1570       D E ESTALL       ESTALL       280.07.078       TO BE CSTALL       280.07.078       TO BE CSTALL         24254.1607       28540.4727       TO BE CSTALL       70.8527       280.07.078       TO BE CSTALL         24254.1607       28577.0727       TO BE CSTALL       70.8527       20.08.072       20.802.47<
24580.0032     228772.0453     0 BE 657444.5400     198     244742.242     286547.0500     10 BE 657444.2400       24531.1917     256474.0500     0 BE 657444.2400     198     244742.242     286660.5405     10 DE 6557444.2400       24532.1918     256542.1530     0 BE 657444.2400     286660.710     10 BE 657444.2400     286660.5405     10 DE 6557444.2400       24524.1407     258773.5601     0 BE 657444.2400     286783.5017     10 BE 657444.2400     286783.5401       24524.1407     258773.5601     0 BE 657444.2400     286783.5401     10 BE 657444.2400       24524.1407     28777.564     0 BE 657444.2400     286783.5401     10 BE 657444.2400       24524.1407     28777.564     0 BE 657444.2400     286783.5401     10 BE 657444.2400       24524.1407     28777.5761     0 BE 657444.2400     286783.5401     10 BE 657444.2400       24524.1407     28777.5771     0 BE 657444.2400     28678.5400     10 BE 657444.2400       24531.1407     10 BE 657444.2400     28678.5400     10 BE 657444.2400     28678.5400       24531.1407     10 BE 657444.2400     28678.5400     10 BE 657444.2400     28678.5400       24531.1405     10 BE 657444.2400     28678.5400     10 BE 657444.2400     28678.5400       24531.14050     10 BE 657444.2400     28678.5400
34332.0101         34544.07165         D & E STARLSED         1989         24473.04.0278         28569.0456         108         24473.04.0278         28569.0456         108         24473.04.04.0278         28569.0456         108         24473.04.04.078         28579.04.0278         28579.04.0278         28579.04.0278         28579.04.0278         28579.04.0278         108         25479.04.0278         28579.04.0278         28579.04.0278         108         25479.04.0278         28579.04.0278         28579.04.0278         28579.04.0278         108         25479.04.0278         28579.04.0278         108         25479.04.0278         28579.04.0278         108         25479.04.0278         28579.04.0278         108         25479.04.0278         109         25479.04.0278         109         25479.04.0278         109         25479.04.0278         109         25479.04.0278         109         25479.04.0278         109         25479.04.0278         109         25479.04.0278         109         25479.04.0278         109         25479.04.0278         109         25479.04.0278         109         25479.04.0278         109         25479.04.0278         109         25479.04.0278         109         25479.04.0278         109         25479.04.0278         109         25479.04.028         109         25479.04.028         109         2549.04.028
24232.3036     2534.06.47.1     0     0     E 57.46.96.70       24232.4767.5     0     0     E 57.46.96.70       24234.767.5     0     0     E 57.46.96.70       7.22.11     C     0.45.07.46.96     1.9.4.437     235.73.50     199     24479.1.844     285.73.27.81       7.22.11     C     0     0     E 57.46.96     1.4.4.437     E     36.73.50     SQ.MITS.     -2.5     0.8.924     CUERDAS       24324.407.7     2357.54.97     10     0     E 57.46.96     1.4.4.437     E     36.73.50     SQ.MITS.     -2.5     0.8.924     CUERDAS       24258.4567     10     0     E 57.46.96     10     0     E 57.46.96     1.4.4.437     E     35.07.352.0     SQ.MITS.     -2.5     0.8.924     CUERDAS       24259.4568     28597.04.27     10     0     E 57.46.96     10     <
24244.4049       18753.5077       10 BE ESTABLISHE         1       22.11       C       -0.40       L       4.430         24251.4007       25.573.6663       10 BE ESTABLISHE       20.592.4       COEDCIAS         24221.6407       25.573.6663       10 BE ESTABLISHE       20.592.4       COEDCIAS         24221.6407       25.573.6663       10 BE ESTABLISHE       L       +13.13         24221.6407       25.573.6663       10 BE ESTABLISHE       L       +13.13         24220.6408       23.597.6422       10 BE ESTABLISHE       L       +13.13         24206.0586       23.597.6422       10 BE ESTABLISHE       L       +13.13         24206.0586       23576.5602       10 BE ESTABLISHE       L       +13.13         24206.0586       235776.5602       10 BE ESTABLISHE       L       +13.13         24506.0597       235776.757       10 BE ESTABLISHE       L       +3.11         24506.0577       235776.757       10 BE ESTABLISHE       L       +3.11         24507.058       235776.757       10 BE ESTABLISHE       L       +3.11         24507.054       235776.757       10 BE ESTABLISHE       L       +3.11         24507.054       235776.757       10 BE
T = 22:11     E = -0.48     L = 44.20       245245.433     285775.4857     T0 BE ESTABLERD       24228.4407     285776.1891     T0 BE ESTABLERD       24228.4407     285977.1642     T0 BE ESTABLERD       24228.4507     285977.1642     T0 BE ESTABLERD       24508.4107     28597.1642     T0 BE ESTABLERD       24508.4193     28500.4233     L = 13313       24508.5193     28507.1642     T0 BE ESTABLERD       24508.1392     28507.65632     T0 BE ESTABLERD       24508.1392     28507.65632     T0 BE ESTABLERD       24508.1392     28507.6575     T0 BE ESTABLERD       24508.1392     28507.6575     T0 BE ESTABLERD       24508.1307     T0 BE ESTABLERD     28577.2576       7     17.66     L = 55748.1580       24508.2300     285747.5071     T0 BE ESTABLERD       24508.2300     285747.5071     T0 BE ESTABLERD       24508.2300     285747.5777     T0 BE ESTABLERD       24508.2307     28507.2357     T0 BE ESTABLERD       24508.24301     28578.5463     T0 BE ESTABLERD       24508.24301     28578.5472     T0 BE ESTABLERD       24508.24301     28578.5463     T0 BE ESTABLERD       24508.24301     28578.5472     T0 BE ESTABLERD       24508.2516
34544-3031       28979-8666       TO BE ESTABLEMED         24520-4077       28975-5091       TO BE ESTABLEMED         24520-4077       28977-70422       TO BE ESTABLEMED         24520-4078       28007-70422       TO BE ESTABLEMED         24520-4078       28007-70422       TO BE ESTABLEMED         24520-4078       28006-7042       TO BE ESTABLEMED         24500-0566       28057-70422       TO BE ESTABLEMED         24500-0566       28057-70420       TO BE ESTABLEMED         24500-0572       28070-70427       TO BE ESTABLEMED         24500-0572       28070-70420       TO BE ESTABLEMED         24500-0572       TO BE ESTABLEMED         24500-0572       TO BE ESTABLEMED
24231907       28397.1091       TO BE ESTABLISED         2452314569       28397.10422       TO BE ESTABLISED         245204.459       28600.40735       TO BE ESTABLISED         24500.4528       28600.40735       TO BE ESTABLISED         24500.4528       28600.40735       TO BE ESTABLISED         24500.3568       28575.5602       TO BE ESTABLISED         24500.3568       28575.333.3       TO BE ESTABLISED         24511.3438       28573.333.4       TO BE ESTABLISED         24511.3438       28573.333.8       TO BE ESTABLISED         24500.4725       TO BE ESTABLISED         24501.3077       TO BE ESTABLISED         24504.7235       TO BE ESTABLISED         24504.7235       TO BE ESTABLISED         24504.7235       TO BE ESTABLISED         24504.7235       TO BE ESTABLISED         24408.0903       285707.476.07         24503.727.7371       TO BE ESTABLISED         24503.7274       28610.363.7         24503.7274       2861.5272.701         24503.7274       2861.5272.701         24503.7274       2861.53.280         24503.7274       2861.54.312         24503.7274       2861.54.312         24503.7272       286
24529.4595         28577.0422         T0 BE ESTABLISHED           1565.05         E = -4.33         L = 113115           24520.4528         28600.40723         T0 BE ESTABLISHED           245164.7932         28000.47125         T0 BE ESTABLISHED           245141.5865         283755.4602         T0 BE ESTABLISHED           245141.2173         285713.0630         T0 BE ESTABLISHED           245141.3286         285773.4527         T0 BE ESTABLISHED           245101.2017         285852.7005         T0 BE ESTABLISHED           24501.2017         285772.4527         T0 BE ESTABLISHED           24504.7225         285774.6071         T0 BE ESTABLISHED           24504.7235         285774.6071         T0 BE ESTABLISHED           24694.0923         28578.41522         T0 BE ESTABLISHED           24694.0923         28578.4152         T0 BE ESTABLISHED           24694.0923         28578.4152         T0 BE ESTABLISHED           24592.4372         28601.3537         T0 BE ESTABLISHED           24592.4381         28601.5373         T0 BE ESTABLISHED           24592.4381         28601.54373         T0 BE ESTABLISHED           24592.4381         28601.54373         T0 BE ESTABLISHED           24592.43842         28601.54
245200.8429       286004.0735       T0 BC ESTABLISHO         245100.7132       28600.8444       T0 BC ESTABLISHO         245401.566       285765.600       T0 BC ESTABLISHO         245411.363       285713.0630       T0 BC ESTABLISHO         245411.366       10 BC ESTABLISHO         245411.366       285715.205       T0 BC ESTABLISHO         24501.255       285771.2706       T0 BC ESTABLISHO         24501.252       285771.2706       T0 BC ESTABLISHO         244961.2023       285771.2706       T0 BC ESTABLISHO         244961.092       285791.152       T0 BC ESTABLISHO         244961.092       285797.2706       T0 BC ESTABLISHO         244981.39707       28580.1922       T0 BC ESTABLISHO         24592.4722       28577.273       T0 BC ESTABLISHO         24592.4722       28691.2637       T0 BC ESTABLISHO         24592.4723       28691.2772       T0 BC ESTABLISHO         24591.014       286325.0757       T0 BC ESTABLISHO
24506.7932       28500.5449       10 BF ESTABLISED         24504.5866       285765.6802       10 BF ESTABLISED         24514.213       28577.63.53       10 BF ESTABLISED         24514.3067       28577.63.53       10 BF ESTABLISED         24514.3067       28577.63.53       10 BF ESTABLISED         24514.3067       28577.200       10 BF ESTABLISED         24504.725       28577.200       10 BF ESTABLISED         24504.725       28577.200       10 BF ESTABLISED         24498.4903       28579.2100       10 BF ESTABLISED         24498.4903       28579.2100       10 BF ESTABLISED         24498.4903       28579.2700       10 BF ESTABLISED         24498.4903       28579.2700       10 BF ESTABLISED         24498.4903       28579.2700       10 BF ESTABLISED         24498.4903       28577.2701       10 BF ESTABLISED         24498.4903       28577.2701       10 BF ESTABLISED         24498.4903       28577.2736       10 BF ESTABLISED         24592.4002       28577.27371       10 BF ESTABLISED         24592.4002       28570.3732       10 BF ESTABLISED         24592.4002       286013.6827       10 BF ESTABLISED         245913.6316       286013.6827       10 B
245144.2013       24571.3.08.30       TO BE ESTABLISED         245141.3066       285677.3.08.30       TO BE ESTABLISED         245111.3066       285677.3.08.30       TO BE ESTABLISED         245111.3066       285677.50.70       TO BE ESTABLISED         245111.2123       28507.57.2708       TO BE ESTABLISED         24504.2350       285776.707       TO BE ESTABLISED         24404.0903       285774.708       TO BE ESTABLISED         24404.0903       285774.708       TO BE ESTABLISED         24404.0903       285774.708       TO BE ESTABLISED         24405.0907       28507.7270       TO BE ESTABLISED         24405.0907       28507.7276       TO BE ESTABLISED         24502.64705       28507.732       TO BE ESTABLISED         24512.4780       28601.3637       TO BE ESTABLISED         245172.2343       286010.8433       TO BE ESTABLISED         245172.2343       286010.8433       TO BE ESTABLISED         245180.1041       28625.7732       TO BE ESTABLISED         245180.1041       28625.67722       TO BE ESTABLISED         245180.1042       28601.8433       TO BE ESTABLISED         245180.1042       28601.8433       TO BE ESTABLISED         245180.1042       2
24541.3866     28573.6336     TO BE ESTABLISED       245102.1377     285685.2705     TO BE ESTABLISED       245012.3377     285685.2705     TO BE ESTABLISED       24504.7255     28577.6711     TO BE ESTABLISED       24504.7255     28577.6701     TO BE ESTABLISED       24504.7255     28577.6701     TO BE ESTABLISED       24496.4099.2     28579.1852     TO BE ESTABLISED       24498.1997.0     28580.1922     TO BE ESTABLISED       24498.1997.1     28580.1922     TO BE ESTABLISED       24498.1997.2     28597.10     TO BE ESTABLISED       24498.1997.2     28597.10     TO BE ESTABLISED       24498.1997.3     28597.10     TO BE ESTABLISED       24512.4289     28691.3537     TO BE ESTABLISED       24512.4289     28691.3537     TO BE ESTABLISED       24513.2075.2     28510.5996     TO BE ESTABLISED       24517.442     26610.6.4433     TO BE ESTABLISED       245180.1014     286236.0752     TO BE ESTABLISED       245180.2242     26610.4442     TO BE ESTABLISED       245180.2242     26610.4442     TO BE ESTABLISED       245180.2242     286019.6227     TO BE ESTABLISED       245180.2242     26610.4452     TO BE ESTABLISED       245180.2242     266019.6232     TO BE
24500.0377       28595.2705       TO BE ESTABLISED         24501.32453       28571.31913       TO BE ESTABLISED         24504.2380       28574.76071       TO BE ESTABLISED         24504.7255       285775.2706       TO BE ESTABLISED         24496.0992       28598.1282       TO BE ESTABLISED         24496.0992       28598.1282       TO BE ESTABLISED         24498.0997       28590.1922       TO BE ESTABLISED         24498.5897       285974.1582       TO BE ESTABLISED         24498.5897       285972.3761       TO BE ESTABLISED         24502.4280       28601.3696       TO BE ESTABLISED         24502.4280       28601.3696       TO BE ESTABLISED         24512.4284       28601.3696       TO BE ESTABLISED         24512.4280       28601.3696       TO BE ESTABLISED         24512.4284       28612.1771       TO BE ESTABLISED         245182.431       28652.67752       TO BE ESTABLISED         245182.4281       28650.611       TO BE ESTABLISED         245182.4281       28650.615
245042.8390     285747.6071     T0 BE ESTABLISHED       24504.7255     285775.2708     T0 BE ESTABLISHED       244984.0932     285784.1852     T0 BE ESTABLISHED       24498.1970     285900.1922     T0 BE ESTABLISHED       24498.6722     285778.1852     T0 BE ESTABLISHED       24498.6722     285778.7682     T0 BE ESTABLISHED       24502.4705     285778.771     T0 BE ESTABLISHED       24502.4705     28601.59996     T0 BE ESTABLISHED       245152.843     28601.59996     T0 BE ESTABLISHED       245152.843     28601.59996     T0 BE ESTABLISHED       245152.4282     28601.59996     T0 BE ESTABLISHED       245152.4282     28601.59996     T0 BE ESTABLISHED       245152.843     28601.59995     T0 BE ESTABLISHED       245152.843     28601.59996     T0 BE ESTABLISHED       245162.0114     286236.0151     T0 BE ESTABLISHED       245180.1014     286236.0151     T0 BE ESTABLISHED       245180.21014     286101.8424     T0 BE ESTABLISHED       245180.21014     286101.8424     T0 BE ESTABLISHED       245180.2101     286101.8424     T0 BE ESTABLISHED       245180.2102     286109.765     T0 BE ESTABLISHED       245180.2102     286198.6425     T0 BE ESTABLISHED       245180.2102     <
24504.7255     28577.2766     10 BE ESTABLISED       24496.0903     28576.1852     10 BE ESTABLISED       24495.9670     28506.01922     10 BE ESTABLISED       1     17.09     E     0.66       24505.672     28577.2761     10 BE ESTABLISED       24502.8705     28577.2761     10 BE ESTABLISED       24502.8705     28577.2761     10 BE ESTABLISED       24502.8705     28577.2761     10 BE ESTABLISED       24512.4768     28601.3637     10 BE ESTABLISED       24518.0104     28625.7752     10 BE ESTABLISED       24518.0316     286301.5627     10 BE ESTABLISED       24518.0316     286301.8627     10 BE ESTABLISED       24518.0316     280301.8627     10 BE ESTABLISED       24522.402     280301.8627     10 BE ESTABLISED       24521.402     280301.8627     10 BE ESTABLISED       24522.402     280301.8627     10 BE ESTABLISED       24524.012     280301.8627     10 BE ESTABLISED       24524.013.85     280301.86322     10 BE ESTABLISED
244983.9970     225900.1922     TO BE ESTABLISHED       T = 17.09     E = 0.66     L = 34.11       24995.6722     25578.75272     TO BE ESTABLISHED       24502.8705     285772.3761     TO BE ESTABLISHED       245122.4726     285015.9996     TO BE ESTABLISHED       245122.4726     286102.0771     TO BE ESTABLISHED       245122.4728     286102.0751     TO BE ESTABLISHED       245162.1014     286256.7752     TO BE ESTABLISHED       245182.021     286013.6.8527     TO BE ESTABLISHED       245182.022     286104.442     TO BE ESTABLISHED       245182.022     2860018.822     TO BE ESTABLISHED       245182.022     2860018.822     TO BE ESTABLISHED       245182.022     2860018.822     TO BE ESTABLISHED       245182.024     285198.5.8572     TO BE ESTABLISHED       245184.024     286708.5.8572     TO BE ESTABLISHED       245184.024     286708.5.8572     TO BE ESTABLISHED       245184.0245     286
T = 17.09         E = 0.66         L = 3.4.1           244963.6722         285787.6262         TO BE ESTABLISHED           245026.4705         285772.2761         TO BE ESTABLISHED           245124.280         28601.3537         TO BE ESTABLISHED           245124.281         28601.3537         TO BE ESTABLISHED           245124.282         28601.3537         TO BE ESTABLISHED           245124.282         28601.3537         TO BE ESTABLISHED           245124.282         28601.3537         TO BE ESTABLISHED           245174.224.30         286112.1771         TO BE ESTABLISHED           245167.442         26613.3520         TO BE ESTABLISHED           245167.442         26613.5220         TO BE ESTABLISHED           245168.0104         28625.7732         TO BE ESTABLISHED           24518.0104         28625.6105         TO BE ESTABLISHED           24518.0104         28625.0105.10         TO BE ESTABLISHED           24518.0105         286019.80212         TO BE ESTABLISHED           24518.0224         28010.4462         TO BE ESTABLISHED           24518.0224         28010.80212         TO BE ESTABLISHED           24518.0104         28576.0322         TO BE ESTABLISHED           7 = 74.64         E = 524
244953.6722 28577.3762 10 BE ESTABLISHED 245028.4705 28691.5996 10 BE ESTABLISHED 24512.4288 286015.6996 10 BE ESTABLISHED 245137.0754 28610.6.433 10 BE ESTABLISHED 245137.0754 28610.6.433 10 DE ESTABLISHED 245187.2442 28613.5.920 10 BE ESTABLISHED 245180.1014 286226.0151 10 BE ESTABLISHED 245180.2014 286226.0151 10 BE ESTABLISHED 245180.2012 286104.642 10 BE ESTABLISHED 245180.2021 286104.442 10 BE ESTABLISHED 245180.2021 286104.442 10 BE ESTABLISHED 245180.2021 286104.442 10 BE ESTABLISHED 2452103.1185 286919.8722 10 BE ESTABLISHED 2452103.1185 286919.8725 10 BE ESTABLISHED 2452103.1185 286909.7165 10 BE ESTABLISHED 2452103.1185 286919.8725 10 BE ESTABLISHED 2452104.1185 286909.7165 10 BE ESTABLISHED 2452104.1185 286909.7165 10 BE ESTABLISHED 2452104.1185 286909.7265 10 BE ESTABLISHED 244981.1486 285708.457 20 10 BE ESTABLISHED 244981.1486 285708.457 10 BE ESTABLISHED 244851.7807 285789.4199 10 BE ESTABLISHED 244851.7807 285789.1174 10 BE ESTABLISHED
245132.8343     286011.3637     TO BE ESTABLISHED       245122.4289     286013.6996     TO BE ESTABLISHED       245137.0754     286105.8433     TO BE ESTABLISHED       245172.2343     286106.8433     TO BE ESTABLISHED       245172.2343     286105.8433     TO BE ESTABLISHED       245172.2343     286105.8433     TO BE ESTABLISHED       245172.2343     286226.0751     TO BE ESTABLISHED       245180.1014     286236.0751     TO BE ESTABLISHED       245180.224     286104.4452     TO BE ESTABLISHED       245180.224     286104.4452     TO BE ESTABLISHED       245180.23105     286019.4452     TO BE ESTABLISHED       245180.23105     286019.4452     TO BE ESTABLISHED       24522.4030     286019.4452     TO BE ESTABLISHED       24522.4030     286019.6232     TO BE ESTABLISHED       24522.4030     286019.6232     TO BE ESTABLISHED       24522.4030     286019.6232     TO BE ESTABLISHED       24521.4030     2850789.0372     TO BE ESTABLISHED       24521.4030     2850789.572     TO BE ESTABLISHED       244918.1468     285789.3499     TO BE ESTABLISHED       244918.1468     285789.3499     TO BE ESTABLISHED       244918.1468     285789.1011     TO BE ESTABLISHED       24480.1365
245122.4289     285015.9996     T0 BE ESTABLISHED       245137.0734     286106.4313     T0 BE ESTABLISHED       245167.2343     286106.4313     T0 BE ESTABLISHED       245167.4424     286135.5220     T0 BE ESTABLISHED       245167.1014     286256.7752     T0 BE ESTABLISHED       245188.0214     286256.0151     T0 BE ESTABLISHED       245188.0214     286104.4442     T0 BE ESTABLISHED       245188.0214     286104.4442     T0 BE ESTABLISHED       245188.0214     286109.2165     T0 BE ESTABLISHED       24518.0214     285708.5372     T0 BE ESTABLISHED       24518.1466     285709.3499     T0 BE ESTABLISHED       244803.1466     285781.1774     T0 BE ESTABLISHED       244803.1646     285781.1774     T0 BE ESTABLISHED
245172.2343     285106.8433     T0 BE ESTABLISHED       245167.2442     286135.2820     T0 BE ESTABLISHED       245164.236     286258.0752     T0 BE ESTABLISHED       245180.222     286105.4752     T0 BE ESTABLISHED       245180.222     286104.4452     T0 BE ESTABLISHED       245182.03516     286105.0752     T0 BE ESTABLISHED       245188.0224     286104.4452     T0 BE ESTABLISHED       245182.03516     286099.2165     T0 BE ESTABLISHED       245210.3165     286099.2165     T0 BE ESTABLISHED       245210.3165     286099.2165     T0 BE ESTABLISHED       245210.3165     286019.0217     T0 BE ESTABLISHED       245210.3165     286019.0217     T0 BE ESTABLISHED       245210.3165     286019.0217     T0 BE ESTABLISHED       245210.3165     285768.572     DESCRIPTION       24491B.1465     285769.3499     T0 BE ESTABLISHED       24491B.1465     285769.3499     T0 BE ESTABLISHED       244853.7807     285789.1031     T0 BE ESTABLISHED       244853.7807     285789.1031     T0 BE ESTABLISHED       244853.7807     285789.1031     T0 BE ESTABLISHED
24507.0442     280133.520     TO BE ESTABLISHED       245184.2381     286256.7752     TO BE ESTABLISHED       245184.0316     286256.0751     TO BE ESTABLISHED       245185.0316     286335.6827     TO BE ESTABLISHED       245188.0316     286135.6827     TO BE ESTABLISHED       245188.0316     286103.6827     TO BE ESTABLISHED       245188.0316     286103.6827     TO BE ESTABLISHED       245188.0212     286104.482     TO BE ESTABLISHED       24522.4030     286098.2165     TO BE ESTABLISHED       24521.03185     286018.6222     TO BE ESTABLISHED       24521.03185     286018.6222     TO BE ESTABLISHED       7 = 74.64     E = 5.24     L = 146.88       6.8309     CUERDAS     DESCRPTION       244981.1465     285769.3572     TO BE ESTABLISHED       244981.1465     2857769.3572     TO BE ESTABLISHED       244981.1465     285789.1017     TO BE ESTABLISHED       244981.1465     285789.1031     TO BE ESTABLISHED       244981.1465     285789.1031     TO BE ESTABLISHED       244981.1465     285789.10174     TO BE ESTABLISHED
24584-2381     286256.7752     T0 BE ESTABUSHED       245180.1014     286256.0751     T0 BE ESTABUSHED       245180.224     286104.4452     T0 BE ESTABUSHED       245180.224     286019.8023     T0 BE ESTABUSHED       245224.4030     286019.80232     T0 BE ESTABUSHED       7     74.84     E = 5.24     L = 148.68       =     6.8309     CUERDAS
245183.0316     28013.6.42627     T0     BE ESTABLISHED       245188.0224     286106.4462     T0     BE ESTABLISHED       245224.030     286098.2165     T0     BE ESTABLISHED       245212.03185     286018.8232     T0     BE ESTABLISHED       245212.03185     286018.8232     T0     BE ESTABLISHED       7 = 74,64     E = 5.24     L = 148.88       -C=     6.8309     CUERDAS
245188.0224     285104.4482     TO BE ESTABLISHED       24222.4300     280098.2165     TO BE ESTABLISHED       24510.3155     280019.82132     TO BE ESTABLISHED       1 = 74,84     E = 5.24     L = 148.88       = -     6.8309     CUERDAS
24520.03.05     228019.8232     T0 BE ESTABLISHED       T = 74,94     E = 5.24     L = 148.68       -     -     6.8309     CUERDAS
1 = 74.64     E = 5.24     L = 148.68       ->=     6.8309     CUERDAS
COORDINATES         DESCRIPTION           VATA         COORDINATES           NORTH (Y)         EAST (Q)           VATA         DESCRIPTION           244981:1465         285796:3493           244981:1466         285799:3499           100 BE ESTABLISHED           244981:1466         285799:3499           100 BE ESTABLISHED           244981:1466         285710:1714           100 BE ESTABLISHED           244981:1467         285718:1714           100 BE ESTABLISHED
ATA           COORDINATES         DESCRIPTION           NORTH (Y)         EAST (Q)           24498.1465         285768.0372           70 BE ESTABLISHED           24498.1464         2857769.03499           70 BE ESTABLISHED           24482.1362         285779.1018           70 BE ESTABLISHED           24482.1362         285779.114           70 BE ESTABLISHED
COORDINALTES         DESCRIPTION           NORTH (Y)         EAST (A)         DESCRIPTION           244918.1468         285796.3499         TO BE ESTABLISHED           244918.1468         285796.3499         TO BE ESTABLISHED           244918.1468         285796.31031         TO BE ESTABLISHED           24498.317807         285769.1031         TO BE ESTABLISHED           24498.317607         285711714         TO BE ESTABLISHED
COORDINALTS         DESCRIPTION           NORTH (Y)         EAST (A)         DESCRIPTION           244918.1468         285796.3499         TO BE ESTABLISHED           244918.1468         285796.3499         TO BE ESTABLISHED           244918.1468         285796.31031         TO BE ESTABLISHED           24498.317807         285769.1031         TO BE ESTABLISHED           24498.317607         285711714         TO BE ESTABLISHED
NORTH         CO         DESAGe (NA)           24498.1468         285796.327         TO BE ESTABLISHED           24498.1468         285789.3499         TO BE ESTABLISHED           24498.1468         285789.1031         TO BE ESTABLISHED           24498.1468         285781.1714         TO BE ESTABLISHED
24491.1486 28579.3499 TO BE ESTABLISHED 24485.37807 28579.1031 TO BE ESTABLISHED 244820.1368 285761.1714 TO BE ESTABLISHED
244853.7807 285769.1031 TO BE ESTABLISHED 244820.1368 285761.1714 TO BE ESTABLISHED
244616.6476 265775.9713 TO BE ESTABLISHED 244629.1138 285776.8711 TO BE ESTABLISHED
244887.9189 285787.7070 TO 8E ESTABLISHED
-C- U-+SSS CUERDAS



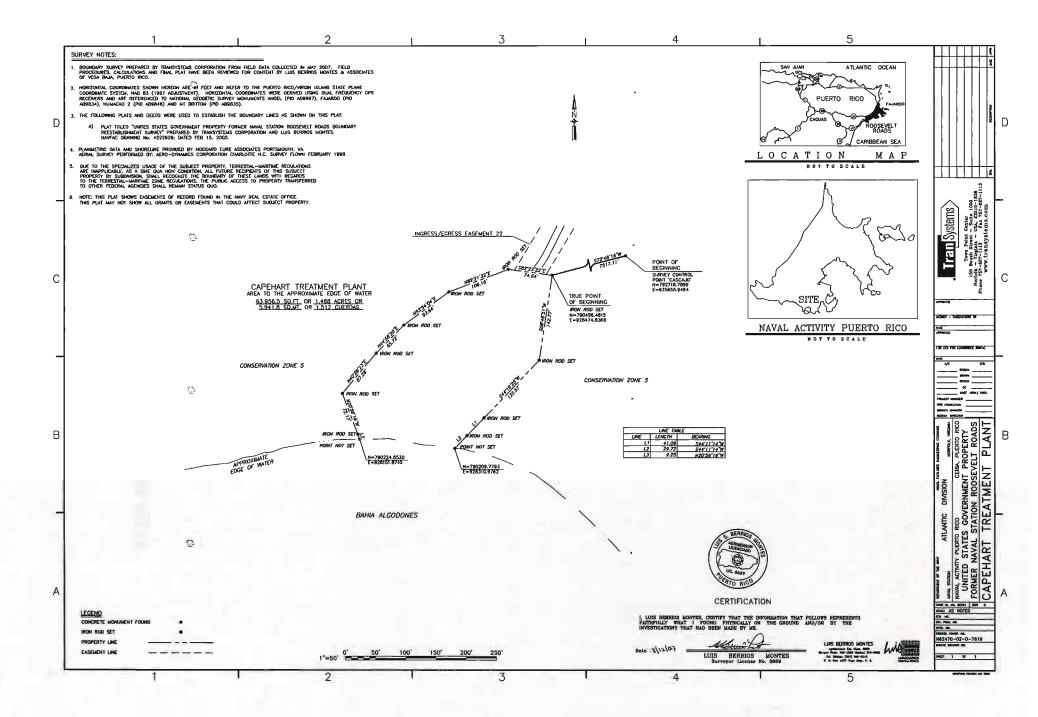
P:\pr\19-Ceiba\16820 AoR ROOSEVELT RD\Segregations\FOST-FOSL-SEGREGATIONS JAN-2012\Drawings







1	Exhibit "A-1"
2	
3	DESCRIPTION OF WASTEWATER UTILITY SYSTEM



Waste Water Utility System (or when singular, Waste Water Utility): Sanitary sewer system.

Waste Water Utility Facilities (or, when singular, Waste Water Utility Facility): All surface, subsurface or elevated pipes, poles, lines, service connections, conduits, tanks, feeders, wires, fixtures, ducts, manholes, handholes, hydrants, valves, cables, equipment (including but not limited to process equipment), facilities, and necessary devices now or hereafter used for supplying, distributing, treating, storing, containing or conducting any Waste Water Utility, up to the five (5) foot building line.

Waste Water Utility Structures (or when singular, Waste Water Utility Structure): Any building, structure, facility, pumphouse, pumping station, metering station, reducing station, lift station, containment vessel, reservoir, catch basin, outfalls, vault, or similar improvement, used or intended to be used for containment, conduction, distribution, assembly, location or relocation of any Waste Water Utility Facility.

1	Exhibit "B"
2	
3	FINDINGS OF NO SIGNIFICANT IMPACT (FONSIs)
4	

.

### DEPARTMENT OF DEFENSE DEPARTMENT OF THE NAVY

### FINDING OF NO SIGNIFICANT IMPACT FOR THE PROPOSED DISPOSAL OF NAVAL ACTIVITY PUERTO RICO (FORMER NAVAL STATION ROOSEVELT ROADS), CEIBA, PUERTO RICO.

Pursuant to section 102(2)(C) of the National Environmental Policy Act (NEPA) of 1969 and the Council on Environmental Quality (CEQ) regulations (40 CFR Parts 1500-1508) implementing the procedural provisions of NEPA, the Department of the Navy (the Navy) gives notice that an Environmental Assessment (EA) has been prepared, and that an Environmental Impact Statement is not required for the disposal of Naval Activity Puerto Rico (NAPR), Ceiba, Puerto Rico. The United States Department of Interior, United States Fish and Wildlife Service (USFWS) was a cooperating agency in the preparation of the EA.

The proposed action of the EA is to comply with Public Law 108-87, charging the Navy to close Naval Station Roosevelt Roads (NSRR). Accordingly, on March 31, 2004, NSRR ceased operations as a Naval Station and was re-designated as NAPR. The property is currently in caretaker status. The proposed action evaluated in this EA is the disposal of 8,435 acres of excess federal land at NAPR. This EA addressed only the environmental impacts of disposal to non-federal interests. Properties totaling approximately 230 acres would remain in federal ownership; however, operational responsibility for these parcels would be transferred by the Navy to other federal entities. Therefore, these lands were excluded from analysis in this EA.

Although the proposed action is the disposal of the excess 8,435-acre property at NAPR, reuse and redevelopment of the property by third-party entities would follow the disposal of NAPR as required by the Base Realignment and Closure Act of 1990 (BRAC), the Reuse Plan is included as part of the proposed action. Therefore, the Reuse Plan for the property developed by the Commonwealth of Puerto Rico, which provides the most current information regarding reasonable future-use scenarios, once transfer of ownership of the property is completed, has been incorporated into the EA. Because the Reuse Plan was developed while keeping the use of existing infrastructure and facilities in mind, the proposed reuse of the land is very similar to its historic uses before NSRR ceased operations.

The process of identifying and selecting reasonable alternatives for the disposal of NAPR evolved during the completion of the ECP and Reuse Plan. The primary goal of the Local Redevelopment Authority's (LRA) Reuse Plan is to lessen the immediate negative economic impact of the base closure on the surrounding region. For that to occur, redevelopment must be completed in a timely fashion and avoid extensive delays associated with agency permitting requirements and site remediation activities. To that end, the LRA has worked diligently and closely with the Navy to develop a reuse scenario that maximizes existing infrastructure at NAPR while avoiding or accommodating areas constrained by significant natural resources, historic properties, and cleanup sites. As a result of the close coordination between the LRA and Navy during the preparation of the Reuse Plan, each of the proposed land uses through Phase II are virtually consistent with existing land uses. Because the Reuse Plan was developed keeping the use of existing infrastructure and facilities in mind, the proposed reuse of land is very similar to historic uses before NSRR ceased operations. Moreover, since historic and proposed land uses are congruent, those restrictions that need to be instituted by the Navy would be nearly identical under any disposal scenario. Consequently, no other reasonable alternatives for disposal of NAPR were identified as susceptible to a meaningful analysis.

A No-Action Alternative was also considered in this EA and entailed placing NAPR in an inactive status but maintaining it for some potential future federal use. Implementation of the No-Action Alternative does not benefit the Navy in that it would retain ownership and liability for the property with no functional, operational, or strategic value; and does not benefit the local community in that any possibility of viable, productive use of the land would be removed.

The LRA, in conjunction with the Puerto Rico Planning Board (PRPB) is developing a Special Zoning Plan for NAPR. Upon its adoption, this plan would serve as the official zoning of the property. Any future development projects proposed on former NAPR property would be reviewed by the PRPB to ensure that such development is consistent with the Special Zoning Plan.

Marine waters adjacent to NAPR support sensitive environmental resources such as essential fish habitat (e.g., coral reefs and sea grass beds) as well as threatened and endangered species, including sea turtles, the West Indian manatee, and the yellowshouldered blackbird. Because of the speculative nature of the Reuse Plan, its full effects on listed species cannot be addressed. However, there are a number of conservation measures that Commonwealth and/or federal resource agencies could/may impose on non-federal owners/developers before development-specific approvals or permits are issued. Implementing these conservation measures would be the responsibility of the new owner/developer, and the respective issuing agency would be responsible for ensuring that these recommendations are instituted. The Navy would no longer retain any ownership or control of these properties.

In consultation with the U.S. Fish and Wildlife Service (USFWS), the Navy has developed parcel-specific conservation guidelines that list species-specific conservation recommendations for future land owners to consider. This EA identifies the conservation guidelines to be provided to new owner(s)/developer(s) to offset potential impacts. Accordingly, during Section 7 consultation pursuant to the Endangered Species Act (ESA), in a letter dated April 7, 2006, USFWS concurred with the Navy's determination that the proposed action is "not likely to adversely affect" federally listed species and would not result in adverse modification of critical habitat within the project area.

The EA was prepared concurrently with the performance of relevant Comprehensive Environmental Response, Compensation, and Liability Act (CERCLA) hazardous

substance studies and investigations. The cleanup of contaminated sites at NAPR is primarily managed under the corrective action portion of the current Resource Conservation and Recovery Act (RCRA) Part B permit issued by the Environmental Protection Agency (EPA). The Navy has submitted an application for renewal of the Part B permit. Since base operations requiring the Part B permit are no longer in operation, only the corrective action portion of the permit remains applicable. The Navy has worked in cooperation with EPA and PREQB to convert the regulation of corrective action requirements from this permit to a RCRA §7003 Administrative Order on Consent (§7003 Order) prior to property transfer.

Prior to implementing the Proposed Action, a Memorandum of Agreement (MOA) between the Navy and the Puerto Rico State Historic Preservation Office (SHPO) has been executed. The MOA details which archaeological sites at NAPR would undergo data recover and to what level. In addition, it specifies the level of documentation needed for respective historic structures or the consultation process needed to establish the level of recordation. Through the execution of a MOA, and by implementing the stipulations of the MOA, the Navy would meet their requirements under Section 106 of the NHPA.

The analysis conducted in the EA focused on the following resources: Land Use and Aesthetics, Soils, Water Quality, Air Quality, Noise, Terrestrial and Marine Environments, Threatened and Endangered Species, Socioeconomic Conditions, Cultural Resources, Environmental Contamination, and Coastal Zone Management.

Based on information gathered during preparation of the EA, the Navy concluded that implementation of the Proposed Action will have no significant adverse impacts on the environment and that an EIS is not warranted.

The EA and FONSI prepared by the Navy addressing this action may be obtained from: Department of the Navy, BRAC Program Management Office SE, 4130 Faber Place Drive, Suite 202, North Charleston, SC 29405, Attn: Darrell Molzan, 843-743-2129, darrell.molzan@navy.mil. A limited number of copies of the EA and FONSI are available to fill single copy requests.

Jumes & anderson 10 April 2007

Director Navy BRAC Program Management Office SE

#### DEPARTMENT OF DEFENSE DEPARTMENT OF THE NAVY

#### FINDING OF NO SIGNIFICANT IMPACT FOR THE PROPOSED DISPOSAL OF NAVAL ACTIVITY PUERTO RICO (FORMER NAVAL STATION ROOSEVELT ROADS), CEIBA, PUERTO RICO.

Pursuant to section 102(2)(C) of the National Environmental Policy Act (NEPA) of 1969 and the Council on Environmental Quality regulations (40 CFR Parts 1500-1508) implementing the procedural provisions of NEPA, the Department of the Navy (the Navy) gives notice that a Supplemental Environmental Assessment (SEA) has been prepared, and that an Environmental Impact Statement is not required for the disposal of Naval Activity Puerto Rico (NAPR), Ceiba, Puerto Rico. The Puerto Rico Environmental Quality Board was a cooperating agency in the preparation of the SEA.

Pursuant to the United States Department of Defense (DoD) Appropriations Act of Fiscal Year 2004 (Public Law 108-87), the Navy closed Naval Station Roosevelt Roads (NSRR) in Puerto Rico in Spring 2004. Accordingly, on March 31, 2004, NSRR ceased operations as a Naval Station. The base was redesignated as Naval Activity Puerto Rico (NAPR) to maintain a Navy presence and associated security during the disposal process.

In 2007, the Navy prepared the Environmental Assessment (EA) for the Disposal of Naval Activity Puerto Rico (referred to herein as the 2007 EA) that evaluated the potential environmental impacts associated with the disposal of NAPR. To oversee the planning process for future development of NAPR, the Commonwealth created a Local Redevelopment Agency (LRA). In 2004, the LRA developed the Naval Station Roosevelt Roads Reuse Plan (Reuse Plan). The potential disposal and reuse of the property, as proposed in the Reuse Plan, was the basis for the evaluation of the potential impacts in the 2007 EA, which was considered consistent with the Puerto Rico Public Environmental Act (Law No. 9).

Proposed Action: In April 2010, the Commonwealth, through the LRA, submitted an addendum to the original 2004 Reuse Plan (referred to herein as the 2010 Reuse Plan Addendum, or the Addendum). The Proposed Action evaluated in this SEA is the proposed reuse of Parcel III located at NAPR, as identified in the 2010 Reuse Plan Addendum. The 2010 Reuse Plan Addendum is conceptual and focuses on proposed land uses and not on specific developments. The LRA, in conjunction with the Puerto Rico Planning Board (PRPB), has developed a Special Zoning Plan for NAPR based on the 2010 Reuse Plan Addendum. Upon its adoption, this plan would serve as the official zoning of the property. Any future development projects proposed on former NAPR property would be reviewed by the PRPB to ensure such development is consistent with the Special Zoning Plan.

The SEA herein evaluates the environmental consequences of the proposed reuse of the NAPR property in accordance with the Commonwealth's 2004 Reuse Plan, as modified by the 2010 Reuse Plan Addendum, and adopted by the Commonwealth and the LRA. The disposal of the NAPR property is the responsibility of the Navy; redevelopment will be the responsibility of future owners of the property.

The 2007 EA evaluated the environmental consequences of the 2004 Reuse Plan. This SEA supplements the 2007 EA in accordance with the CEQ regulations (40 CFR 1502.21) and analyzes only the effects of those elements of the 2010 Reuse Plan Addendum that are substantially different than those of the original 2004 Reuse Plan. The 2010 Reuse Plan Addendum categorized the proposed redevelopment into four distinct phases. The impacts associated with the proposed reuse, as defined by Phases I and II, are considered indirect impacts of reuse of the predominantly existing infrastructure of NAPR. CEQ regulations (40 CFR 1508.8[b]) cite growth-inducing effects and other effects related to induced changes in the pattern of land use, population density, or growth rate and related effects on air and water and other natural systems as examples of indirect impacts. The impacts associated with long-range future redevelopment (Phases III and IV) are based on expansion of the existing infrastructure at NAPR and unforeseen economic factors and, therefore, are being considered as cumulative effects of the Proposed Action. All reasonably foreseeable elements of the 2010 Reuse Plan Addendum are analyzed in this SEA.

Alternatives Analyzed: Although the Navy's Proposed Action is reuse of Parcel III of the NAPR property, restrictions imposed on land use by the Navy may affect the long-term redevelopment potential for the property. Thus, the two alternatives analyzed in this document are: (1) reuse of Parcel III property at NAPR as identified in the Commonwealth's 2010 Reuse Plan Addendum, and (2) (the NoAction Alternative): disposal of NAPR consistent with the 2004 Reuse Plan in accordance with the Preferred Alternative for Parcel III as identified in the 2007 EA (Finding of No Significant Impact [FONSI] signed on April 10, 2007). The No-Action Alternative also establishes a baseline to identify and compare potential environmental consequences from the redevelopment of NAPR as identified for the Preferred Alternative in the 2004 Reuse Plan.

Marine waters adjacent to NAPR support sensitive environmental resources such as essential fish habitat coral reefs and sea grass beds) as well as (e.g., threatened and endangered species, including sea turtles, West Indian manatee, and the yellow-shouldered the blackbird. Because of the speculative nature of the Reuse Plan, its full effects on listed species cannot be However, there are a number of conservation addressed. measures that Commonwealth and/or federal resource agencies could/may impose on non-federal owners/developers before development-specific approvals or permits are issued. Implementing these conservation measures would be the responsibility of the new owner/developer, and the respective issuing agency would be responsible for ensuring that these measures are instituted. After disposal, the Navy would no longer retain any ownership or control of these properties.

In consultation with the U.S. Fish and Wildlife Service (USFWS), the Navy has developed parcel-specific conservation guidelines that list species-specific conservation recommendations for future land owners to consider. This EA identifies the conservation guidelines to be provided to new owner(s)/developer(s) to offset potential impacts. Accordingly, during Section 7 consultation pursuant to the Endangered Species Act (ESA), in a letter dated August 25, 2011, USFWS concurred with the Navy's determination that, by adoption of the conservation measures previously approved for the 2004 Reuse and Special Zoning Plan, re-initiation of consultation under Section 7 of the ESA would not be necessary.

Prior to implementing the Proposed Action, a Memorandum of Agreement (MOA) negotiated between the Navy and the Puerto Rico State Historic Preservation Office (SHPO) will be executed. The MOA details which archaeological sites at NAPR would undergo data recovery and to what level. In addition, it specifies the level of documentation needed for respective historic structures or the consultation process needed to establish the level of recordation. Through the execution of a MOA, and by implementing the stipulations of the MOA, the Navy would meet their requirements under Section 106 of the NHPA. Although the MOA has not yet been signed by the SHPO (signature by all parties is anticipated shortly) agreement has been reached between the SHPO and the Navy as to the contents of the document and signature by all parties will occur prior to any transfer of property by the Navy as a result of this FONSI.

The analysis conducted in the SEA focused on the following resources: Land Use and Aesthetics, Soils, Water Quality, Air Quality, Noise, Terrestrial and Marine Environments, Threatened and Endangered Species, Socioeconomic Conditions, Cultural Resources, Environmental Contamination, and Coastal Zone Management.

Based on information gathered during preparation of the SEA, the Navy concluded that implementation of the Proposed Action will have no significant adverse impacts on the environment and that an EIS is not warranted.

The SEA and FONSI prepared by the Navy addressing this action may be obtained from: Department of the Navy, BRAC Program Management Office SE, 4130 Faber Place Drive, Suite 202, North Charleston, SC 29405, Attn: Dale Johannesmeyer, 843-743-2128, dale.johannesmeyer.ctr@navy.mil. A limited number of copies of the SEA and FONSI are available to fill single copy requests.

James E. Anderson, Director BRAC Program Management Office, SE

1	Exhibit "C"
2 3	JOINT INSPECTION REPORT
4	

# JOINT INSPECTION REPORT

# Naval Activity Puerto Rico EDC – Leased Premises Parcels

On 24 January 2012, Mr. Daniel Kalal (Area Program Director) and Mr. Pedro Ruiz (Environmental Engineer) representing the Naval Activity Puerto Rico, and Mrs. Thuane B. Fielding (Base Closure Manager) representing the BRAC PMO SE, and Mr. Alfonso Martinez, Mr. Hector Ralat, Mr. Freddy de Jesus representing the Naval Station Roosevelt Roads Local Redevelopment Authority (NSRR LRA), conducted a walk-through inspection of facilities/ Solid Waste Management Units (SWMUs)/Area of Concerns (AOCs) located within the parcels identified as the Leased Premises parcel.

This report covering the following facilities/SWMUs/AOCs has been examined and represents the condition of the real property as observed during the walk through.

Buildings 1471 (Capehart Waste Water Treatment Plant), 1757 (Bundy Waste Water Treatment Plant), 1758 (Forrestal Waste Water Treatment Plant); SWMU 3 – Base Landfill; SWMU 9 – Tank 212-217 Sludge Burial Pits; SWMU 45 – Building 38 Exterior; SWMU 27 – Capehart Waste Water Treatment Plant Drying Beds; SWMU 28 – Bundy Waste Water Treatment Plant Drying Beds; SWMU 29 – Forrestal Waste Water Treatment Plant Drying Beds; SWMU 31 – Waste Oil Collection Area (Buildings 31 & 2022); SWMU 32 – Public Works Department Storage Yard/Battery Collection Area; SWMU 57 – POL Drum Storage Area (Facility 278); SWMU 59 – Former Vehicle Maintenance & Refueling Area (Buildings 377, 2344, 2345); SWMU 60 – Former Landfill at Marina; SWMU 67 – Former Gas Station; SWMU 70 – Disposal Area Northwest of Landfill; SWMU 74 – Fuel Pipelines & Hydrant Pits; SWMU 78 – Transformer Storage Pad; AOC F – Former Underground Storage Tanks (USTs) (Building 124); AOC F – USTs (Building 1738); and AOC F – USTs 2842B (Building 3188).

A joint inspection report was not completed with respect to SWMU 11 (Building 38 Interior) and SWMU 77 (Former Small Arms Range) as entry to these areas is prohibited. Security, maintenance, repair, upkeep and inspection of the interior, exterior and subsurface of SWMU 11 (Building 38 Interior) and SWMU 77 (Former Small Arms Range) shall be the responsibility of the Navy.

Specific characteristics of the facilities/SWMUs/AOCs have been identified to the parties during the walk through. The information and findings presented herein are recorded for protection of both the Navy and the NSRR LRA. Existing conditions so noted do not render the facility unsuitable for its continued use.

# **INSPECTION BY:**

**REPRESENTING DEPARTMENT OF THE NAVY** 

NAVAL ACTIVITY PUERTO RICO Daniel Kalal

Area Program Director (Title)

Pedro Ruiz

Environmental Engineer (Title)

NAVY-BRAC PMO SE Filding

Thuane B. Fielding

Base Closure Manager (Title)

## **REPRESENTING THE NSRR LRA**

Alfonso Martinez

Deputy NSRR LRA Director (Title)

Hector Ralat

Project Manager (Title)

Freddy de Jesus

Communications Manager (Title)

# BUILDING NAME/NO. <u>1691 – Capehart Waste Water Treatment Plant</u>

# **EXTERIOR & GENERAL**

ITEM

CONDITION (Good-Fair-Poor) DESCRIPTION

FINDINGS

SEE ATTACHED PHOTOS (2)





BUILDING NAME/NO. 1757 - Bundy Waste Water Treatment Plant

# **EXTERIOR & GENERAL**

**ITEM** 

CONDITION (Good-Fair-Poor)

DESCRIPTION

**FINDINGS** 

SEE ATTACHED PHOTOS (2)





BUILDING NAME/NO. <u>1758 – Forrestal Waste Water Treatment Plant</u>

# **EXTERIOR & GENERAL**

**ITEM** 

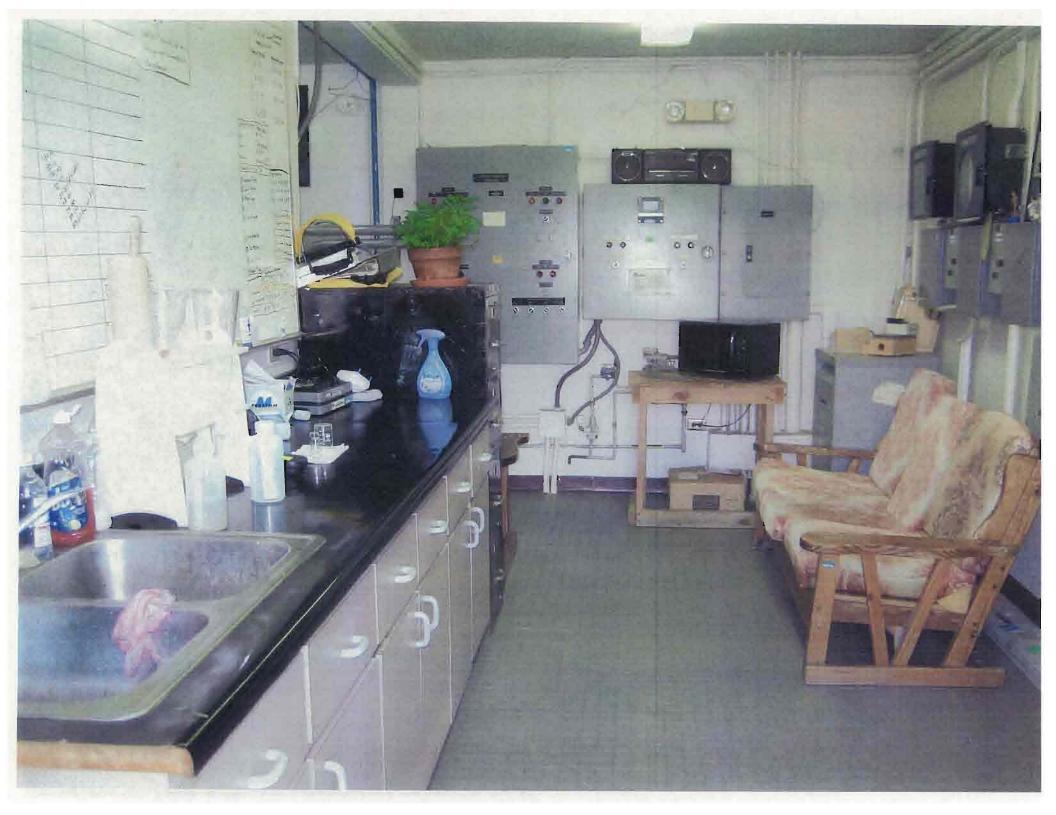
CONDITION (Good-Fair-Poor)

DESCRIPTION

FINDINGS

SEE ATTACHED PHOTOS (2)





SWMU 3 – Base Landfill

### **EXTERIOR & GENERAL**

#### **ITEM**

CONDITION (Good-Fair-Poor)

DESCRIPTION

FINDINGS

Approximately 110 acres. The unlined landfill was used since the early 1960s. The active portion (a lined 35-acre cell within the limits of the old 85-acre landfill) was closed and capped in 2007.

SEE ATTACHED PHOTO



SWMU 9 - Tank 212-217 Sludge Burial Pits

## **EXTERIOR & GENERAL**

**ITEM** 

CONDITION (Good-Fair-Poor) DESCRIPTION

**FINDINGS** 

Approximately 42 acres in two non-contiguous areas referred to as SWMU 9 A/B and SWMU 9C. Unlined, earthen pits in which petroleum sludges were buried after tank cleanings between 1940 and 1978.

SEE ATTACHED PHOTOS (3)







SWMU 27 - Capehart Waste Water Treatment Plant Sludge Drying Beds

#### **EXTERIOR & GENERAL**

ITEM

CONDITION (Good-Fair-Poor)

DESCRIPTION

FINDINGS

Approximately 0.38 acres. Sludge from the waste water treatment plant would be placed in the drying beds and allowed to dry before properly disposing of the sludge. Includes the sludge drying beds at the waste water treatment plant and adjacent property undergoing soil investigation.

SEE ATTACHED PHOTO



# SWMU 28 – Bundy Waste Water Treatment Plant Sludge Drying Beds

# EXTERIOR & GENERAL

## **ITEM**

CONDITION (Good-Fair-Poor) **DESCRIPTION** 

**FINDINGS** 

Approximately 1.17 acres. Sludge from the waste water treatment plant would be placed in the drying beds and allowed to dry before properly disposing of the sludge. Includes the sludge drying beds at the waste water treatment plant and adjacent property undergoing soil investigation.

SEE ATTACHED PHOTO



### SWMU 29 - Forrestal Waste Water Treatment Plant Sludge Drying Beds

# **EXTERIOR & GENERAL**

## **ITEM**

CONDITION (Good-Fair-Poor) **DESCRIPTION** 

FINDINGS

Approximately 2.7 acres. Sludge from the waste water treatment plant would be placed in the drying beds and allowed to dry before properly disposing of the sludge. Includes the sludge drying beds at the waste water treatment plant and adjacent property undergoing soil investigation.

SEE ATTACHED PHOTO



# SWMU 31- Waste Oil Collection Area (Buildings 31 & 2022)

#### **EXTERIOR & GENERAL**

#### **ITEM**

CONDITION (Good-Fair-Poor)

DESCRIPTION

FINDINGS

Approximately 0.6 combined acres with SWMU 32. Located in the Public Works Department storage yard near the Transportation Shop, it consists of a curbed, concrete pad used for temporary outdoor storage of waste oil containers. During a 1993 inspection, oil staining surrounded the storage pad.

#### SEE ATTACHED PHOTO



SWMU 31

## SWMU 32 – Public Works Department Storage Yard/Battery Collection Area

## EXTERIOR & GENERAL

**ITEM** 

CONDITION (Good-Fair-Poor) DESCRIPTION

**FINDINGS** 

Approximately 0.6 combined acres with SWMU 31. In 1988, it was an outdoor area where discarded batteries were stored. Approximately 100 55-gallon drums of contaminated jet fuel and soil were observed stored on wooden pallets resting on bare ground during the 1993 follow-up investigation. Along with these drums, an area of stained soil was visible, discarded batteries were noted, and a small, partially open, uncurbed storage building ("paint locker") contained cans.

SEE ATTACHED PHOTO



SWMU 32

SWMU 45 – Power Plant (Building 38 Exterior)

## **EXTERIOR & GENERAL**

**ITEM** 

CONDITION (Good-Fair-Poor) **DESCRIPTION** 

**FINDINGS** 

Approximately 15 acres. SWMU 45 is the exterior of Building 38 where transformer oils containing PCBs were routinely discarded directly onto the ground, and includes the path of the cooling water intake tunnel from Puerca Bay. There are two closed in place 50,000-gallon underground storage tanks (USTs) associated with SWMU 45.

SEE ATTACHED PHOTO



## SWMU 57 – POL Drum Storage Area (Facility 278)

## **EXTERIOR & GENERAL**

# <u>ITEM</u>

CONDITION (Good-Fair-Poor)

**DESCRIPTION** 

**FINDINGS** 

Approximately 2 acres. Rectangular concrete pad approximately 100 feet by 160 feet in size. Used as Petroleum, Oils and Lubricants (POL) drum storage facility from the 1950s to the 1990s.

SEE ATTACHED PHOTO



SWMU 59 – Former Vehicle Maintenance & Refueling Area (Buildings 377, 2344, 2345)

### EXTERIOR & GENERAL

# ITEMCONDITION<br/>(Good-Fair-Poor)DESCRIPTIONFINDINGS

Approximately 10 acres. Includes Buildings 377, 2344, and 2345. Used from the 1940s to the 1980s, and contained drums, vehicle racks, USTs (unknown quantity and disposition), and fuel islands. The majority of the site is presently covered by paving.

SEE ATTACHED PHOTOS (2)





SWMU 60 - Former Landfill at Marina

# **EXTERIOR & GENERAL**

## **ITEM**

CONDITION (Good-Fair-Poor)

DESCRIPTION

FINDINGS

Approximately 12 acres. Used as a landfill (scrap disposal) from the 1940s to the 1960s, with piles of solid waste and scrap metal. The marina now covers most of the site, except for a level area described as estuarine intertidal scrub-shrub broad-leafed evergreen.

SEE ATTACHED PHOTO



### SWMU 67 – Former Gas Station

# **EXTERIOR & GENERAL**

### ITEM

CONDITION (Good-Fair-Poor) **DESCRIPTION** 

FINDINGS

Approximately 5.55 acres. Located on east side of Langley Drive north of the tennis courts in a level area covered with secondary growth vegetation. A concrete pad and building foundation are present north of the tennis courts in the woods. No UST has been identified.

SEE ATTACHED PHOTO



## SWMU 70 - Disposal Area Northwest of Landfill

# **EXTERIOR & GENERAL**

# ITEMCONDITION<br/>(Good-Fair-Poor)DESCRIPTIONFINDINGS

Approximately 55 acres. Located northwest of the current base landfill, it is a construction debris and/or solid waste disposal site with potential disposal of POLs and/or hazardous materials containers.

SEE ATTACHED PHOTO



# SWMU 74 - Fuel Pipelines & Hydrant Pits

# **EXTERIOR & GENERAL**

## ITEM

CONDITION (Good-Fair-Poor)

DESCRIPTION

**FINDINGS** 

Site consists of four non-contiguous portions of the JP-5 fuel pipeline totaling approximately 13.5 acres underground.

SWMU 78 – Transformer Storage Pad

## **EXTERIOR & GENERAL**

**ITEM** 

CONDITION D (Good-Fair-Poor)

DESCRIPTION

**FINDINGS** 

Approximately 3 acres. Located off of Hollandia Street, near the intersection of Forrestal Drive and Valley Forge Road. The suspected release is associated with a raised concretecurbed pad that formerly stored approximately 25 (non-PCB) transformers. A small area (approximately 10 feet by 3 feet) of stained soil and stressed vegetation was observed at the discharge of the drainage valve.

SEE ATTACHED PHOTO



## AOC F – Former Underground Storage Tanks (USTs) (Building 124)

### **EXTERIOR & GENERAL**

# ITEMCONDITION<br/>(Good-Fair-Poor)DESCRIPTION<br/>FINDINGS

Approximately 1.2 acres. AOC F 124 was the location of former USTs 124A (2,000-gallon motor gasoline tank), 124B and 124C (5,000-gallon motor gasoline tanks), and 124D (550-gallon waste oil tank) which were removed in 1996 and replaced by two motor gasoline USTs and one diesel UST. After the tank removals and subsequent investigation, the site was recommended for remedial action by monitored natural attenuation.

SEE ATTACHED PHOTO



## AOC F - Underground Storage Tanks (USTs) (Bldg 1738)

## **EXTERIOR & GENERAL**

## ITEM

CONDITION (Good-Fair-Poor) DESCRIPTION

FINDINGS

Approximately 2 acres. After the removal of three 10,000-gallon motor gasoline USTs and one 550-gallon waste oil UST at this site in 1995, and the subsequent investigation, the site was recommended for remedial action by monitored natural attenuation, and a Methyl Tertiary Butyl Ether (MTBE) groundwater remediation pilot study is in the planning stages.

SEE ATTACHED PHOTO



AOC F - Underground Storage Tanks (USTs 2842B) (Building 3188)

# **EXTERIOR & GENERAL**

## **ITEM**

CONDITION (Good-Fair-Poor) **DESCRIPTION** 

**FINDINGS** 

Approximately 5.3 acres. After the removal of this 5,000-gallon diesel UST in 1997, and the subsequent investigation, the site was recommended for remedial action by monitored natural attenuation.

SEE ATTACHED PHOTO



1	Exhibit "D"
2	
3	FINDING OF SUITABILITY TO LEASE (FOSL)
4	

# FINDING OF SUITABILITY TO LEASE, REVISION 1

# CARVE-OUTS WITHIN SALE PARCEL III AND SCIENCE PARK

NAVAL ACTIVITY PUERTO RICO CEIBA, PUERTO RICO



Prepared by:

Department of the Navy Base Realignment and Closure Program Management Office Southeast 4130 Faber Place Drive, Suite 202 North Charleston, South Carolina 29405

September 2011

## TABLE OF CONTENTS

#### SECTION

1.0	PURPOSE	
2.0	DESCRIPTION OF PROPERTY	2
3.0	PAST USE AND PROPOSED REUSE	
4.0	ENVIRONMENTAL FINDINGS         A.       Hazardous Substance Contamination         B.       Petroleum Contamination         C.       Condition of Property Classification         D.       Other Environmental Aspects	
5.0	REQUIREMENTS APPLICABLE TO PROPERTY LEASE         A.       National Environmental Policy Act Compliance         B.       Hazardous Substance Notice         C.       Access Clause         D.       Land and Groundwater Restrictions         E.       Environmental Compliance Agreements / Permits / Orders         F.       Notification to Regulatory Agencies	
6.0	SUITABILITY DETERMINATION	

### **EXHIBITS**

- A References
- B Vicinity Maps
- C SWMU and AOC Carve-Out Maps
- D Boundary and Survey Maps
- E Tables
- F CERFA Concurrence
- G Asbestos-Containing Materials Hazard Disclosure and Acknowledgement Form
- H Lead-Based Paint Hazard Disclosure and Acknowledgement Form
- I Threatened and Endangered Species Conservation Measures
- J CERCLA Hazardous Substance Notice and Response Action Summary
- K Responses to Regulatory Agency Comments

#### 1.0 PURPOSE

This Finding of Suitability to Lease (FOSL) summarizes how the requirements and notifications for hazardous substances, petroleum products and other regulated material on the subject property have been satisfied, and documents my determination, as the responsible Department of Defense (DoD) component official, that certain real property and associated improvements known as Carve-outs Within Sale Parcel III and Science Park (collectively, Subject Property) at Naval Activity Puerto Rico (NAPR), Ceiba, Puerto Rico are environmentally suitable for lease subject to the conditions, notifications and restrictions set forth in this document. This decision is based primarily on my review of information contained in two of the documents listed in Exhibit A (References) – <u>CERFA Identification of Uncontaminated Property, Former Naval Station Roosevelt Roads, Puerto Rico</u> (the CERFA Report; Navy, 2006b) and <u>Phase I/II Environmental</u> <u>Condition of Property Report, Former Naval Station Roosevelt Roads, Ceiba, Puerto Rico</u> (the ECP Report; Navy, 2005). Factors leading to this decision and other pertinent information related to property lease requirements are stated below.

The Subject Property is comprised of approximately 345 acres in numerous non-contiguous areas carved out of the Sale III and Science Park parcels located primarily along the ridge overlooking the northeastern side of Ensenada Honda and also on the southern peninsula of Bahia de Puerca. Facilities located on the Subject Property include a marina, a gasoline filling station, hazardous waste and materials storage facilities, maintenance shops, storage buildings, and recreational facilities. The carve-out areas were removed from Sale Parcel III and Science Park because they are Resource Conservation and Recovery Act (RCRA) Solid Waste Management Units (SWMUs) and Areas of Concern (AOCs) with work remaining to be completed under the Administrative Order on Consent (Consent Order; EPA Docket No. RCRA-02-2007-7301; EPA, 2007) that sets out the Navy's corrective action obligations under RCRA. Until a Corrective Action Complete determination has been approved by EPA for the SWMUs and AOCs located within the carve-out areas, the Navy will continue to be responsible for completion of any remaining corrective and/or remedial actions required for those SWMUs and AOCs, pursuant to the Consent Order. Furthermore, the SWMUs cannot be included in the transfer of Sale Parcel III and the Science Park because all necessary remedial actions have not been taken prior to transfer as required by Section 120(h)(3)(A)(ii)(I) of the Comprehensive Environmental Response, Compensation, and Liability Act (CERCLA).

September 2011

The Navy and the new owner of Sale Parcel III and the Science Park will execute a lease in furtherance of conveyance for the carve-out areas. Upon successful completion of all necessary remedial actions by the Navy, the leased property will be transferred to the new owner. At the time of the transfer of each carve-out, the Navy will issue a Finding of Suitability to Transfer for the parcel(s) to be conveyed. Any land use controls required after the completion of all necessary remedial actions will be outlined in the FOST for that parcel(s) and included in the transfer deed. Vicinity maps showing Sale Parcel III, the Science Park parcel, and the carve-out (lease) areas within each are included in Exhibit B.

### 2.0 DESCRIPTION OF PROPERTY

NAPR was formerly known as Naval Station Roosevelt Roads (NSRR) until it ceased operation as an active Naval Station on March 31, 2004, at which point it was designated Naval Activity Puerto Rico. NAPR is located on the east coast of Puerto Rico adjacent to the municipality of Ceiba.

The carve-outs that comprise the Subject Property are as follows:

- **SWMU 3, Base Landfill** Approximately 110 acres in Sub-parcels 56, 59 and 60. The unlined landfill was used since the early 1960s. The active portion (a lined 35-acre cell within the límits of the old 85-acre landfill) was closed and capped in 2007.
- SWMU 9, Tank 212-217 Sludge Burial Pits Approximately 42 acres in two noncontiguous areas of Sub-parcel 40. Unlined, earthen pits in which petroleum sludges were buried after tank cleanings between 1940 and 1978.
- SWMUs 11/45, Old Power Plant (Building 38 Interior/Exterior) Approximately 15 acres in Sub-parcel 59. SWMU 11 is the interior of Building 38, Including a former concrete pad where transformers and transformer fluids containing PCBs were stored. SWMU 45 is the exterior of Building 38 where transformer oils containing PCBs were routinely discarded directly onto the ground, and includes the path of the cooling water intake tunnel from Puerca Bay. There are two closed in place 50,000-gallon underground storage tanks (USTs) associated with SWMUs 11/45.
- SWMU 31, Waste Oil Collection Area Buildings 31 and 2022 Approximately 0.6 combined acres with SWMU 32 in Sub-parcel 52. Located in the Public Works Department storage yard near the Transportation Shop, it consists of a curbed, concrete pad used for temporary outdoor storage of waste oil containers. During a 1993 inspection, oil staining surrounded the storage pad.
- SWMU 32 Public Works Department Storage Yard/Battery Collection Area Approximately 0.6 combined acres with SWMU 31 in Sub-parcel 52. In 1988, it was an outdoor area where discarded batteries were stored. Approximately 100 55-gallon drums of contaminated jet fuel and soil were observed stored on wooden pallets resting on bare ground during the 1993 follow-up investigation. Along with these drums, an area of

stained soil was visible, discarded batteries were noted, and a small, partially open, uncurbed storage building ("paint locker") contained cans.

- SWMU 57 (ECP 3), POL Drum Storage Area (Facility 278) Approximately 2 acres in Sub-parcel 40. Rectangular concrete pad approximately 100 feet by 160 feet in size. Used as Petroleum, Oils and Lubricants (POL) drum storage facility from the 1950s to the 1990s.
- SWMU 59 (ECP 5), Former Vehicle Maintenance and Refueling Area Approximately 10 acres in Sub-parcel 43. Includes Buildings 377, 2344, and 2345. Used from the 1940s to the 1980s, and contained drums, vehicle racks, USTs (unknown quantity and disposition), and fuel islands. The majority of the site is presently covered by paving.
- SWMU 60 (ECP 6), Former Landfill at the Marina Approximately 12 acres in Subparcels 42 and 45. Used as a landfill from the 1940s to the 1960s, with piles of solid waste and scrap metal. The marina now covers most of the site, except for a level area described as estuarine intertidal scrub-shrub broad-leafed evergreen.
- SWMU 67 (ECP 13), Former Gas Station Approximately 4.5 acres in Sub-parcels 30 and 31. Located on east side of Langley Drive north of the tennis courts in a level area covered with secondary growth vegetation. A concrete pad and building foundation are present north of the tennis courts in the woods. No UST has been identified. An additional 1.05 acres of SWMU 67 is located on Sub-parcel 29 (University Parcel) which is not within Sale Parcel III or the Science Park.
- SWMU 70 (ECP 16), Disposal Area Northwest of Landfill Approximately 55 acres in Sub-parcels 54, 56, and 59. Located northwest of the current base landfill, it is a construction debris and/or solid waste disposal site with potential disposal of POLs and/or hazardous materials containers.
- SWMU 74 (ECP 20), Fuel Pipelines and Hydrant Pits On the Subject Property, this site consists of four non-contiguous portions of the JP-5 fuel pipeline totaling approximately 13.5 acres.
- SWMU 77, Active Small Arms Range Approximately 69 acres that comprise Subparcel 38. A closed small arms range and former open burning/open detonation (OB/OD) area located on the peninsula at Punta Medio Mundo. Originally, it was an active range slated for transfer to the Department of Homeland Security (DHS) for continued use as a range. DHS has decided not to take it. In accordance with Consent Order requirements an RFI is being performed for the three potential OB/OD sites, and the small arms range.
- SWMU 78, Transformer Storage Pad Approximately 3 acres in Sub-parcel 48. Located off of Hollandia Street, near the intersection of Forrestal Drive and Valley Forge Road. The suspected release is associated with a raised concrete-curbed pad that formerly stored approximately 25 (non-PCB) transformers. The concrete pad was not present in aerial photographs of NAPR as late as 1995. The pad has a concrete berm surrounding the perimeter that acts as secondary containment. A valve is installed in the berm to allow the drainage of accumulated rainwater. A small area (approximately 10 feet by 3 feet) of stained soil and stressed vegetation was observed at the discharge of the drainage valve.
- AOC F, Site of Four Former USTs (USTs 124A-D; Building 124) Approximately 1.2 acres in Sub-parcel 52. One of seven former UST sites and one aboveground

storage tank (AST) site that comprise the AOC F Monitored Natural Attenuation (MNA) sites at various locations on NAPR. MNA 124 was the location of former USTs 124A (2,000-gallon motor gasoline tank), 124B and 124C (5,000-gallon motor gasoline tanks), and 124D (550-gallon waste oil tank) which were removed in 1996 and replaced by two motor gasoline USTs and one diesel UST. After the tank removals and subsequent investigation, the site was recommended for remedial action by monitored natural attenuation.

- AOC F, Site of Four Former USTs (USTs 1738A-D; Building 1738) Approximately 2 acres in Sub-parcel 40. One of seven former UST sites and one AST site that comprise the AOC F MNA sites at various locations on NAPR. After the removal of three 10,000-gallon motor gasoline USTs and one 550-gallon waste oil UST at this site in 1995, and the subsequent investigation, the site was recommended for remedial action by monitored natural attenuation, and a Methyl Tertiary Butyl Ether (MTBE) groundwater remediation pilot study is in the planning stages.
- AOC F, Site of 1 former UST (UST 2842B; Building 3188) Approximately 5.3 acres in Sub-parcel 52. One of seven former UST sites and one current AST site that comprise the AOC F MNA sites at NAPR. After the removal of this 5,000-gallon diesel UST in 1997, and the subsequent investigation, the site was recommended for remedial action by monitored natural attenuation.

The carve-out SWMUs and AOCs are shown on the aerial photographs in Exhibit C. The survey maps in Exhibit D provide the final boundaries for Sale Parcel III, the Science Park parcel, and the carve-outs in Sale Parcel III. The boundaries of the Science Park carve-outs (SWMUs 31/32 and AOC F USTs 124A-C) are shown on the maps in Exhibit C). Table 1 (Exhibit E) provides the facility number, former user, name or description, area and year of construction of each of the numbered buildings, structures, and facilities on the Subject Property.

#### 3.0 PAST USE AND PROPOSED REUSE

The former NSRR, including the Subject Property, has been used as a military installation since its acquisition and development by the Navy in the 1940s. The ECP Report states that most of the arable land on what is now NAPR was previously used for sugar cane cultivation and cattle grazing. No significant industrial facilities or environmental concerns were identified with respect to activities conducted on the former NSRR prior to Navy ownership. The Navy established NAPR to serve as the caretaker of the real property associated with NSRR and to assist in the transfer of the property. Since the establishment of NAPR, all industrial and commercial operations on the former NSRR with a significant potential for environmental contamination have ceased.

The carve-out areas were undeveloped prior to the uses described in Section 2 that resulted in their being designated RCRA SWMUs and AOCs. The former vehicle maintenance area that is SWMU 59 became the location of a ground electronics maintenance shop and storage facilities; a marina now covers most of the area that is SWMU 60; tennis courts were constructed at the SWMU 67 former gas station location; and, a solid waste recycling facility was constructed on the eastern side of SWMU 70.

The <u>Naval Station Roosevelt Roads Reuse Plan</u> (CBRE et al, 2004) developed by the Puerto Rico Department of Economic Development and Commerce (acting as the Local Redevelopment Authority anticipated the following types of land uses for Sale Parcel III and the Science Park parcel: University Campus, Industrial, Recreation or Open Space Reserve, Science Park/Conference Center, Water-Oriented Commercial, and Passenger/Cargo Ferry Terminal and Related Uses. An April 2010 addendum (CSS, 2010) to the Reuse Plan indicates the Subject Property will be in portions of areas with the following types of uses – mixed use (retail and upper floor residential), hotel, and lodging, golf course, and retail/restaurant/entertainment district.

The Subject Property will be leased in furtherance of conveyance to the new owner. The Lessee will be allowed use of the property subject to the land and groundwater use restrictions described in Section 5.D. of this FOSL. The lease will contain these land use controls as well as requirements for Navy approval of any alterations to the property or uses of the property that result in a change in land use.

#### 4.0 ENVIRONMENTAL FINDINGS

All available information concerning the past storage, release, or disposal of hazardous substances and/or petroleum products on NAPR, as collected through record searches, aerial photographs, personnel interviews, and on-site visual inspections, is contained in the ECP Report. The following summarizes the findings as they relate to the Subject Property and the corresponding Condition of Property Classification assigned to the real property to be leased and eventually transferred.

#### A. Hazardous Substance Contamination

The Subject Property includes 14 RCRA SWMUs with work remaining to be completed to address hazardous substance contamination (SWMUs 3, 9, 11, 31, 32, 45, 57, 59, 60, 67, 70, 74,

77 and 78). Detailed descriptions of these SWMUs are provided in the ECP Report, except for SWMU 78 (Transformer Storage Pad) which was identified in August 2007. Detailed information for SWMU 78 will be provided in the RFI Report which is currently being prepared. Summary descriptions and their current status are provided in Table 2 (Exhibit E).

#### B. Petroleum Contamination

According to the ECP Report, there were 12 USTs and three aboveground storage tanks (ASTs) that once stored diesel fuel, motor gasoline and waste oil on the Subject Property at the time of the ECP inspection in March 2005. Table 3 lists the known USTs and ASTs on the Subject Property along with their location, capacity, material stored and the year installed. The ECP Report and field verification also documented two oil/water separators (OWSs) on the Subject Property. The OWSs are listed in Table 3. The records do not indicate there have been any spills or releases associated with the USTs, ASTs and OWSs currently known to be present on the Subject Property.

The ECP Report indicated there were nine former USTs associated with AOC F that were removed in 1995, 1996, and 1997 – USTs 1738 A through D, USTs 124 A through D, and UST 2842B, two USTs closed in place at Building 38 (SWMUs 11/45), and possible former USTs of unknown number and disposition at Buildings 377, 2344 and 2345 (SWMU 59). Table 3 lists the known former USTs on the Subject Property along with their location, capacity, material stored and year removed.

The Navy is conducting a monitored natural attenuation (MNA) study of the groundwater contamination associated with the seven UST sites and one AST site that comprise AOC F. These MNA sites include former USTs 124A through 124D, 1738A through 1738D, and 2842B on the Subject Property. During the time NSRR was an active installation, the study was conducted in accordance with monitoring protocols developed by the Underground Storage Tank Management Division of the Puerto Rico Environmental Quality Board (EQB). Given the closure and pending transfer of the former NSRR, the Navy was required to prepare a work plan in accordance with U.S. Environmental Protection Agency (EPA) MNA standards. The Navy submitted the MNA Work Plan to EPA in October 2007, and EPA approved it in April 2008. A revision to the work plan was completed following the first round of sampling and submitted to the EPA in August 2008. Long-term quarterly groundwater monitoring is ongoing, and the Year 9, Second Quarter sampling event was completed in August 2011. Because MTBE has been found

in the groundwater at AOC F - Site 1738, a separate remediation plan for the MTBE contamination is currently under development.

#### C. Condition of Property Classification

The ECP Report divided all property at NAPR into parcels, and classified them into one of the three following categories:

- Category 1 Areas where no known or documented releases, or disposal of hazardous substances or petroleum products or their derivatives has occurred, including no migration of these substances from adjacent areas.
- Category 2 Areas where the release, disposal, or migration, or some combination thereof, of hazardous substances, or petroleum products or their derivatives has occurred, but at concentrations that do not require a removal or remedial action, or all remedial actions necessary to protect human health and the environment have been taken.
- Category 3 Areas where a confirmed or suspected release, disposal, or migration, or some combination thereof, of hazardous substances, or petroleum products or their derivatives has occurred, but required investigation and/or response actions have not yet been initiated or are ongoing.

These categories are derived from the Comprehensive Environmental Response, Compensation, and Liability Act (CERCLA), Community Environmental Response Facilitation Act (CERFA) and the American Society for Testing and Materials (ASTM) Standard Practice for Conducting Environmental Baseline Surveys (ASTM Standard D 6008-96), which further incorporates ASTM D 5746-98 (2002) <u>Standard Classification of Environmental Condition of Property Area Types for</u> Defense Base Closure and Realignment Facilities.

CERFA stipulates that the federal government must identify "uncontaminated property" scheduled for transfer, and defines this as "...real property on which no hazardous substances and no petroleum products or their derivatives were known to have been released, or disposed of" [(Section 9620(h)(4)(A)]. In accordance with the property condition classification guidelines discussed above, the Navy classified the Subject Property as Category 3 (except for SWMU 78 which had not been identified at that time). Following its review of the CERFA Report, the Puerto Rico Environmental Quality Board (EQB) concurred with this classification and provided a concurrence statement (Exhibit F) in the Final CERFA Report on 11 August 2006. The 14 SWMUs on the Subject Property may not be transferred until all required remedial actions have been taken to address residual contamination in accordance with the requirements of

CERCLA Section 120(h)(3)(A)(ii)(I), and the three Category 3 petroleum sites (AOC F) may not be transferred until the work remaining to be completed under the Consent Order is completed.

#### D. Other Environmental Aspects

#### 1. Munitions and Explosives of Concern

SWMU 77 is a closed small arms range and former open burning/open detonation (OB/OD) area located on the peninsula at Punta Medio Mundo. Range locations have periodically moved throughout the peninsula since its first use. Review of historic records and interviews indicate that the SWMU was used for munitions disposal or detonation and as a small arms range. The Navy had planned to transfer this range to DHS for continued operation as a range without shutting it down. No further action was required under the Consent Order as long as the range stayed operational. DHS recently decided it would not take possession of the range, therefore it is no longer considered active and under the terms of the Consent Order, an RFI is currently being performed for three potential OB/OD sites, several potential munitions burial trenches, and the small arms and rifle ranges.

According to the ECP Report, there are no other heavy (crew-served) weapon ranges, unexploded ordnance/impact areas, explosive ordnance disposal areas or open burning/open detonation activities on the Subject Property.

#### 2. Asbestos-Containing Materials

According to the June 2005 *Final Asbestos Inspection Report for Naval Activity Puerto* <u>*Rico, Ceiba, Puerto Rico*</u> (Baker, 2005), asbestos-containing material (ACM) was identified in two (2) of the facilities inspected on the Subject Property, as summarized in Table 4 of Exhibit E. Friable, accessible and damaged (FAD) ACM was not identified in any of the facilities. Detailed information about the materials identified and sampled during the asbestos inspection, including summary tables, location drawings, photographs and laboratory reports, is included in the report.

The possibility remains for the presence of undiscovered ACM associated with underground utilities and miscellaneous building materials at NAPR. While this potential ACM does not pose a hazard to site users, future demolition and/or subsurface work performed by the lessee could result in FAD ACM hazards. Thus, the lessee must

comply with all applicable Commonwealth and Federal laws relating to ACM management in order to ensure future protection of human health and the environment during any future renovation/demolition activities or underground utility work. An ACM acknowledgement form (Exhibit G) will be provided to the lessee for execution at the time of lease.

### 3. Lead-Based Paint

A lead-based paint (LBP) survey and risk assessment was completed at NAPR in Spring 2008 for military family housing only, thus none of the facilities on the Subject Property were included in the survey.

Table 1 (Exhibit E) indicates approximately 12 buildings, structures and facilities on the Subject Property were constructed prior to 1978, the year in which LBP was banned for consumer use. These facilities and any others built before 1978 are presumed to contain LBP. A Lead-Based Paint Hazards Advisory Statement, Exhibit H to this FOSL, will be provided to the lessee and executed at the time of lease.

### 4. Polychlorinated Biphenyls

Polychlorinated biphenyls (PCBs) are the key contaminant at SWMUs 11, 45, and 78, as described in Exhibit E, Table 2 and the ECP Report. Remediation of PCB-contamination at SWMUs 45 and 78 is ongoing under the RCRA corrective action program. Although the final disposition of the PCB contamination at SWMU 11 has not yet been determined, interim measures requiring site access restiction are being implemented under the RCRA Consent Order.

All PCB-contaminated transformers and equipment, including any on the Subject Property, were removed from the former NSRR prior to 1998. Due to the age of the majority of facilities and the size of the station, it is possible that PCB-contaminated fluorescent light ballasts and other minor PCB sources may be present on NAPR. There are no other records of PCBs having been stored, released or disposed of on the Subject Property.

September 2011

## 5. Radon

According to the U.S. Geological Survey Open-File Report 93-292-K, <u>Preliminary</u> <u>Geologic Radon Potential Assessment of Puerto Rico</u> (USGS, 1993), the Commonwealth of Puerto Rico exhibits generally low indoor radon levels, and a survey of radon concentrations of offices, housing units, schools and other buildings was conducted by the DoD between 1989 and 1992 on federal military reservations in Puerto Rico, including the former NSRR. Indoor radon levels ranged from 0.0 to 1.9 picoCuries/Liter (pCi/L), well below the current EPA residential indoor radon screening action level of 4 pCi/L. The majority of the reservations, including NAPR, are situated on coastal plains, so the low indoor radon levels were not unexpected on the Subject Property.

### 6. Threatened and Endangered Species

As shown on the aerial photographs in Exhibit I, breeding habitat and nesting/foraging palms for the endangered yellow-shouldered blackbird and sea turtle habitat have been identified on the Subject Property. The Commonwealth of Puerto Rico has indicated that it intends to zone the property in a manner that will implement the planning, development, maintenance, mitigation and use requirements described in Exhibit I.

In accordance with the Endangered Species Act, the Navy developed a Biological Assessment (BA) for the former NSRR in 2006 to assess the potential impact on any federally protected species from the disposal of NSRR. Given the protection measures addressed in detail in the *Biological Assessment for the Disposal of Naval Station Roosevelt Roads/Naval Activity Puerto Rico Final Report* (Navy, 2006a), the Navy has determined that the disposal of the former NSRR and transfer of the property to future owners is not likely to adversely affect federally-listed species and would not result in adverse modification of designated critical habitat within the project area. The U.S. Fish and Wildlife Service concurred with this determination in a letter dated April 7, 2006.

# 5.0 REQUIREMENTS APPLICABLE TO PROPERTY LEASE

### A. National Environmental Policy Act Compliance

In accordance with National Environmental Policy Act requirements, an Environmental Assessment (EA) and Finding of No Significant Impact (FONSI) have been prepared and executed in connection with the planned disposal and reuse of NAPR. The FONSI was signed on

April 10, 2007. A Supplemental EA (SEA) was prepared to address changes in proposed reuse in the 2010 Reuse Plan Addendum. The FONSI for the SEA was signed September 26, 2011.

# B. Hazardous Substance Notice

Past activities within the Subject Property included the use and storage of hazardous substances and petroleum products. The ECP Report provides details on hazardous materials use/storage, hazardous waste generation/management, and the nature and extent of hazardous substance and petroleum product releases to the environment. In accordance with Section 120(h)(1) of CERCLA, the lease shall provide notice as to those hazardous substances which it is known, based on a complete search of agency files, were stored for 1 year or more, released or disposed on the Subject Property in excess of those reportable quantities specified under Title 40 of the Code of Federal Regulations (CFR) Part 373 (Hazardous Substances Reporting Requirements for Selling or Transferring Federal Real Property), and all response actions taken to date to address any such releases or disposals. The hazardous substances notice and response action summary for the Subject Property is attached to this FOSL as Exhibit J.

# C. Access Clause

The lease for the Subject Property shall contain a clause reserving to the United States, its officers, agents, employees, contractors, and subcontractors the right to enter upon the leased property to complete its RCRA corrective action obligations, including any remedial or corrective action found to be necessary after the date of lease. The right to enter to be set forth shall include the right to conduct annual physical inspections, tests, Investigations, long term monitoring, 5-year reviews, and surveys, including, where necessary, drilling, test pitting, boring, and other similar activities. Such right shall also include the right to construct, operate, maintain, or undertake any other response or remedial action as required or necessary, including, but not limited to, monitoring wells, pumping wells, and treatment facilities. The United States retains the authority to enter to conduct investigations on adjacent parcels as well as the parcel subject to the lease. These access rights are in addition to those granted to Federal, state, and local authorities under applicable environmental laws and regulations.

# D. Land and Groundwater Restrictions

To prevent unacceptable risks to human health and the environment during the lease period, the Navy will ensure the lease includes the following land use controls on the Subject Property:

- A restriction on land use to non-residential uses only. (AOC F [124, 1738, and 2842B] and SWMUs 3, 9, 11, 31, 32, 45, 57, 59, 60, 67, 70, 74, 77 and 78).
- A restriction on certain invasive activities in areas where surface soil, subsurface soil and or sediments are contaminated. (AOC F [124, 1738, and 2842B] and SWMUs 3, 9, 31, 32, 45, 57, 59, 60, 67, 70, 74, 77 and 78).
- A restriction on use of groundwater and installation of new wells in or near areas of known groundwater contamination. (AOC F [124, 1738, and 2842B] and SWMUs 3, 9, 45, 57, 59, 60, 67, 70, 74, 77 and 78).
- A restriction on disturbance of the SWMU 3 landfill cover.
- A restriction on disturbance of adjacent wetlands (SWMUs 9, 60, and 70).
- A restriction on access to the interior of Building 38 (SWMU 11).
- A requirement to protect the integrity of any existing and all future groundwater monitoring or extraction wells, remedial action equipment and associated utilities.
- A requirement that all ongoing and future environmental investigations and remedial activities at or adjacent to the Subject Property not be disrupted.

The Navy will remain in the area for several years completing environmental cleanup work, and will work with future property owners to provide levels of protection against land use control violations including inspections, education, and coordination with property owners and regulators. Furthermore, the Navy will review each individual site to determine what protections (e.g., fences and signage) are necessary for implementation of land use controls based on contaminant concentrations and proximity to receptors.

Upon completion of required corrective and/or remedial actions for any of the SWMUs and AOCs located within the carve-out areas, if a Corrective Action Complete With Controls determination is proposed by the Navy and approved by EPA, the Navy and/or the acquiring party of the Subject Property where the SWMUs and/or AOCs are located will be responsible for maintaining all land use controls and/or other controls upon which that Corrective Action Complete With Controls determination was based. Any land use controls required after the completion of all necessary remedial actions will be outlined in the FOSTs and transfer deeds for the carve-out areas. EPA and EQB will be afforded the opportunity to review these documents prior to execution.

# E. Environmental Compliance Agreements / Permits / Orders

On January 29, 2007, the Navy and EPA voluntarily entered into a Consent Order that sets out the Navy's corrective action obligations under RCRA and replaces the 1994 RCRA permit as the document memorializing these obligations concerning NAPR. The SWMUs and AOCs that

comprise the Subject Property have investigation and/or cleanup work remaining to be completed under the terms of the Consent Order. Detailed descriptions of the AOCs and SWMUs that comprise the Subject Property are provided in the ECP Report, while summary descriptions and their current status are provided in Table 2 (Exhibit E).

### F. Notification to Regulatory Agencies

In accordance with DoD guidance, the U.S. EPA Region 2 and the Puerto Rico EQB have been advised of the proposed lease of the Subject Property, and copies of the ECP Report, CERFA Report, and Draft FOSL were provided to those agencies for review and comment. Navy responses to regulatory agency review comments on the draft version of this FOSL are provided in Exhibit K. In accordance with CERCLA Section 120(h)(3)(B), Navy consulted with EPA Region 2 on the FOSL and EPA provided its concurrence letter on 05 March 2009 (Exhibit K). This Revision 1 to the FOSL has been prepared to add three carve-outs from the Science Park and was provided to EPA and EQB for review. The ECP Report was made available for public review upon finalization. Copies of all lease documentation will be made available to EPA and EQB representatives upon request after execution of the same.

## 6.0 SUITABILITY DETERMINATION

NOW THEREFORE, based on my review of the information contained in this FOSL and the notices and restrictions discussed herein that will be contained in the lease, the Subject Property is suitable for lease.

10/5/2011

Ar

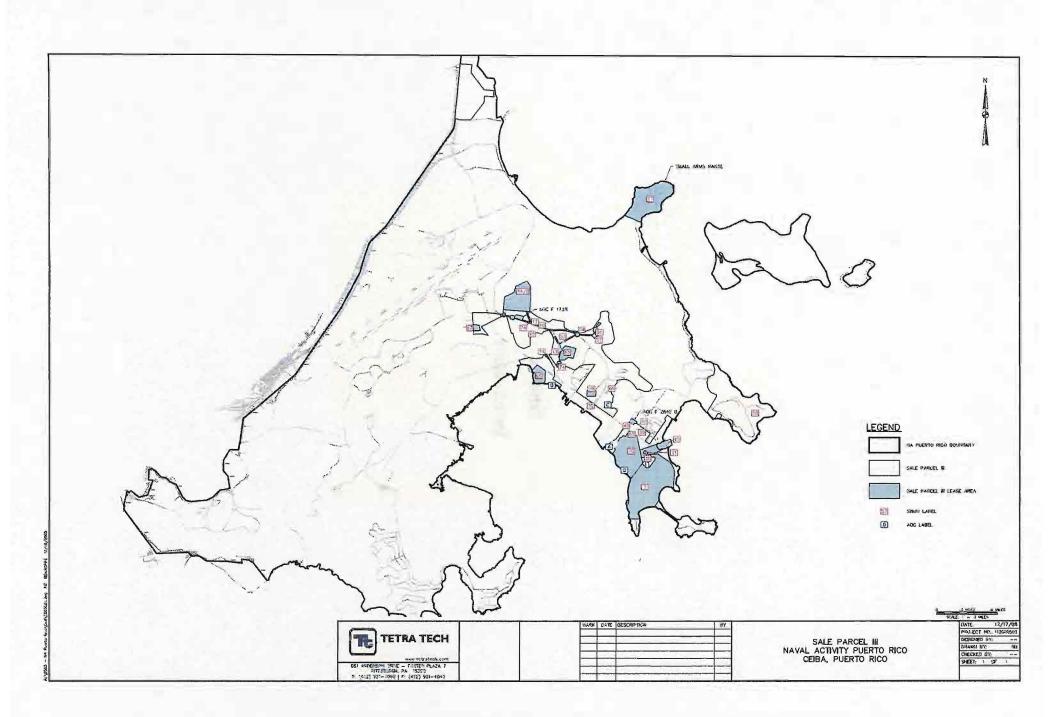
JAMES E. ANDERSON Director BRAC Program Management Office Southeast North Charleston, South Carolina

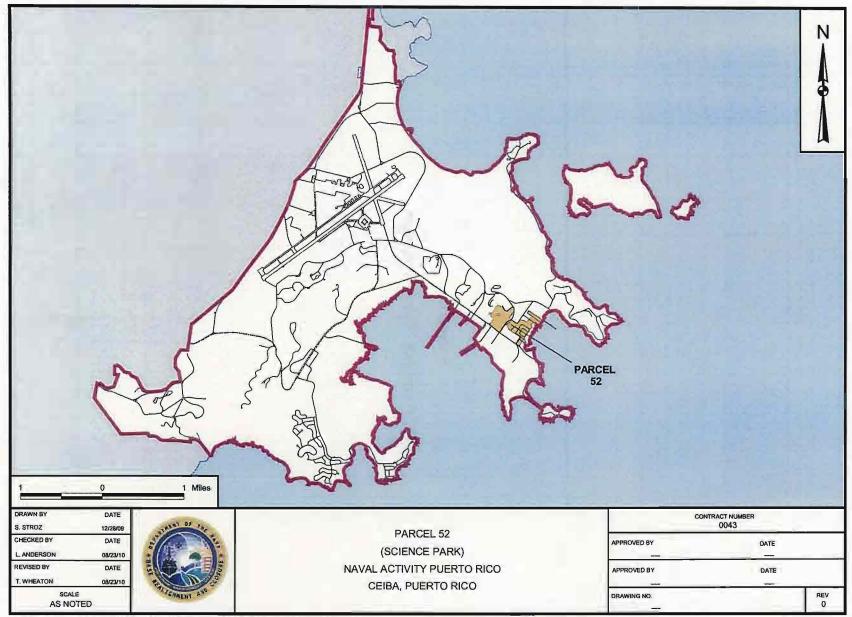
Exhibit A

References

Exhibit B

Vicinity Maps

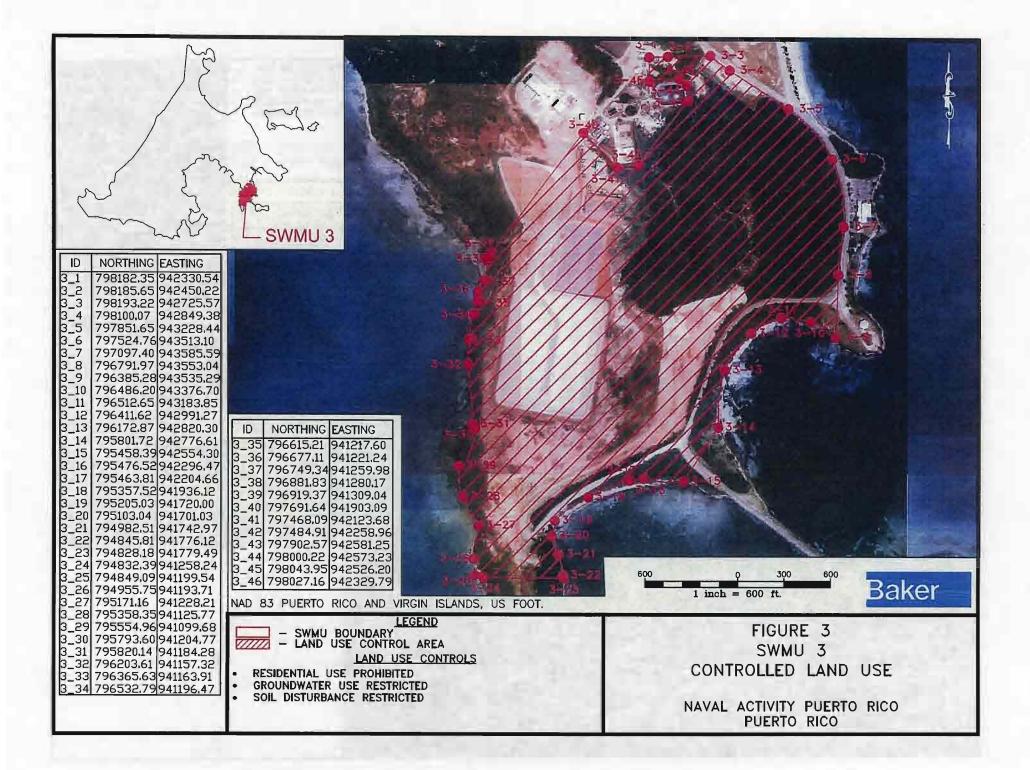


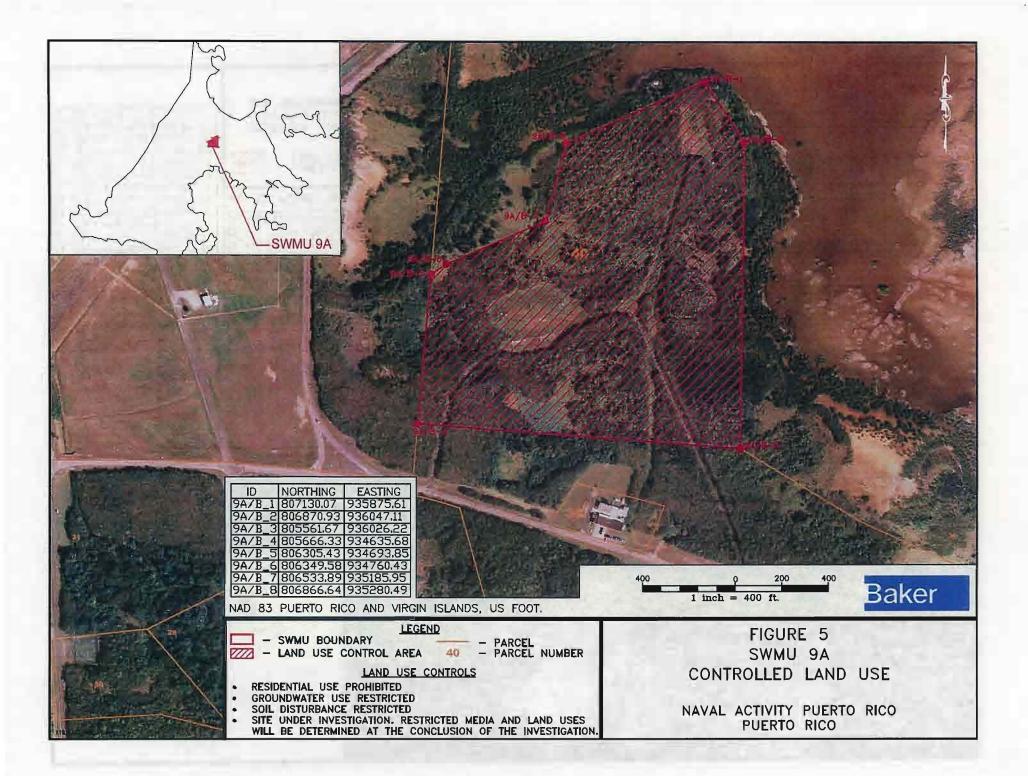


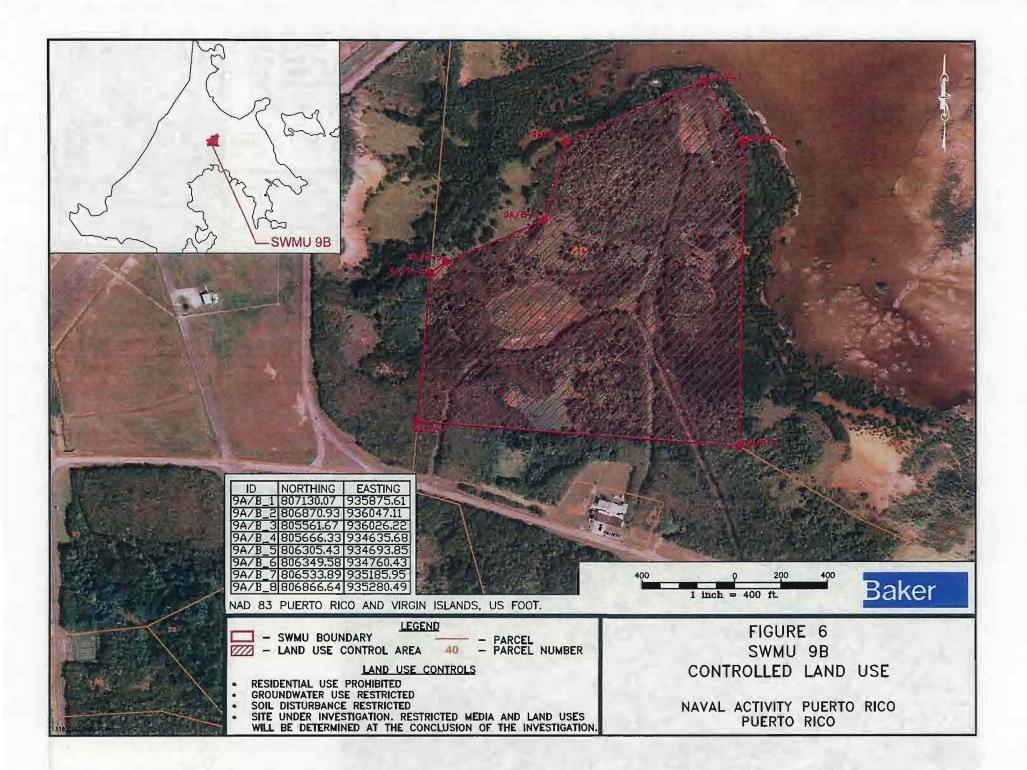
P:IGISWA\_PUERTORICOMAPDOCSVAPRIEARLY\_TRANSFER\_PROPERTY.APRI PARCEL 52 VINCINITY LAYOUT 08/23/10 TW

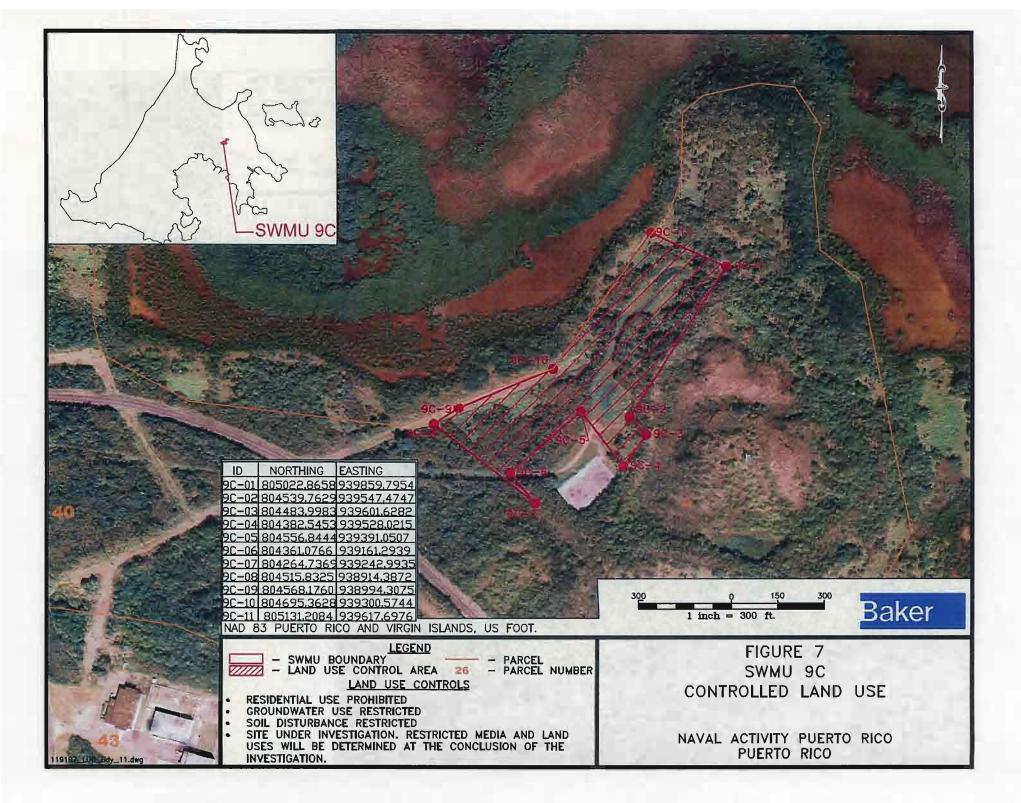
Exhibit C

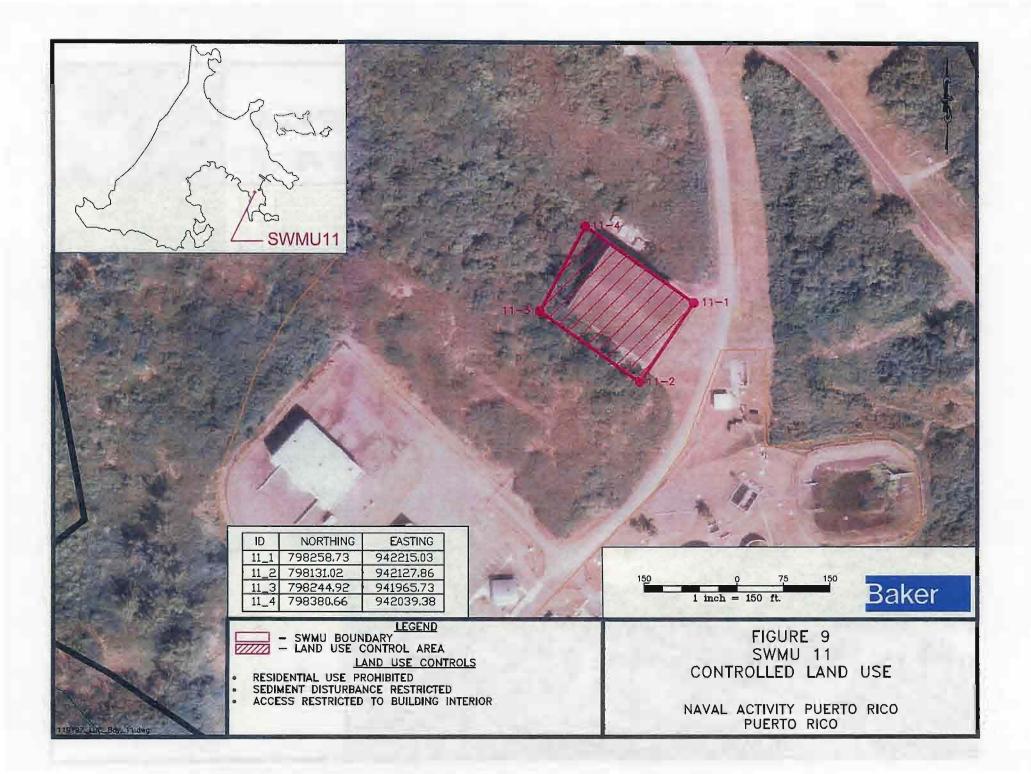
SWMU and AOC Carve-Out Maps

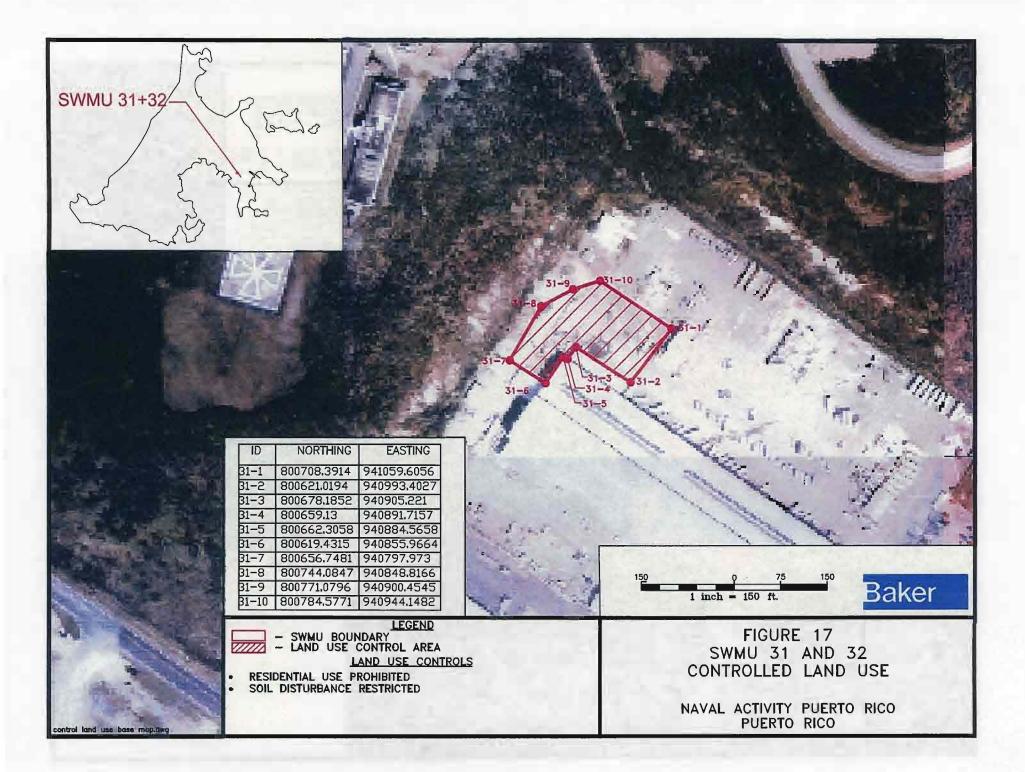


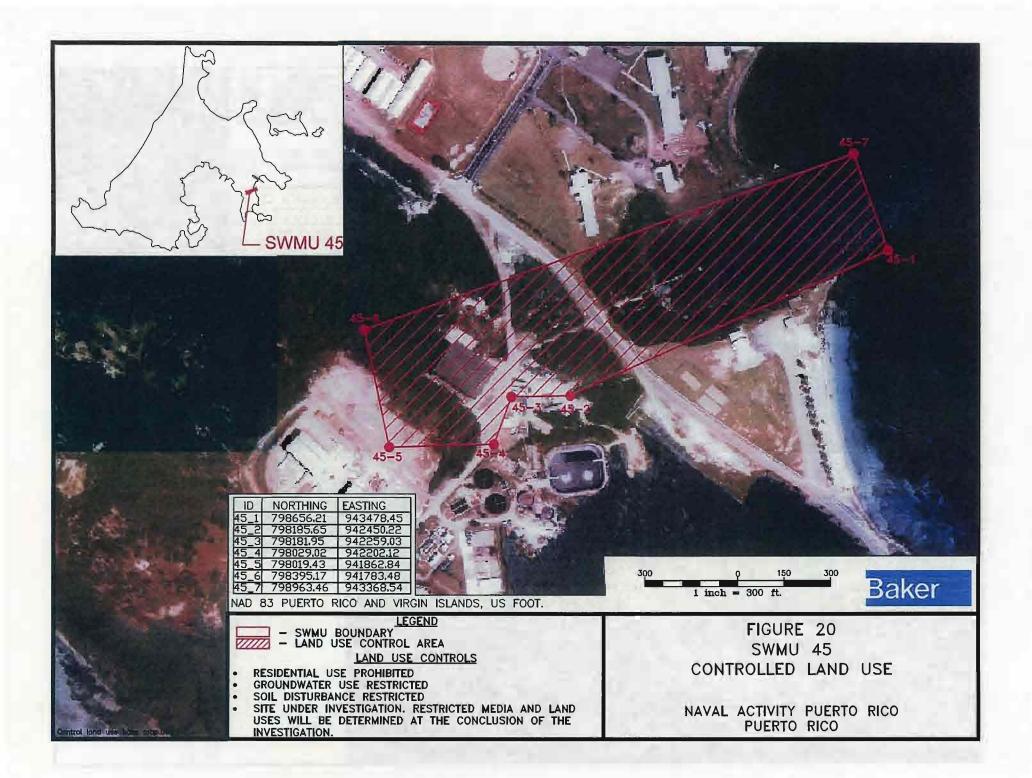


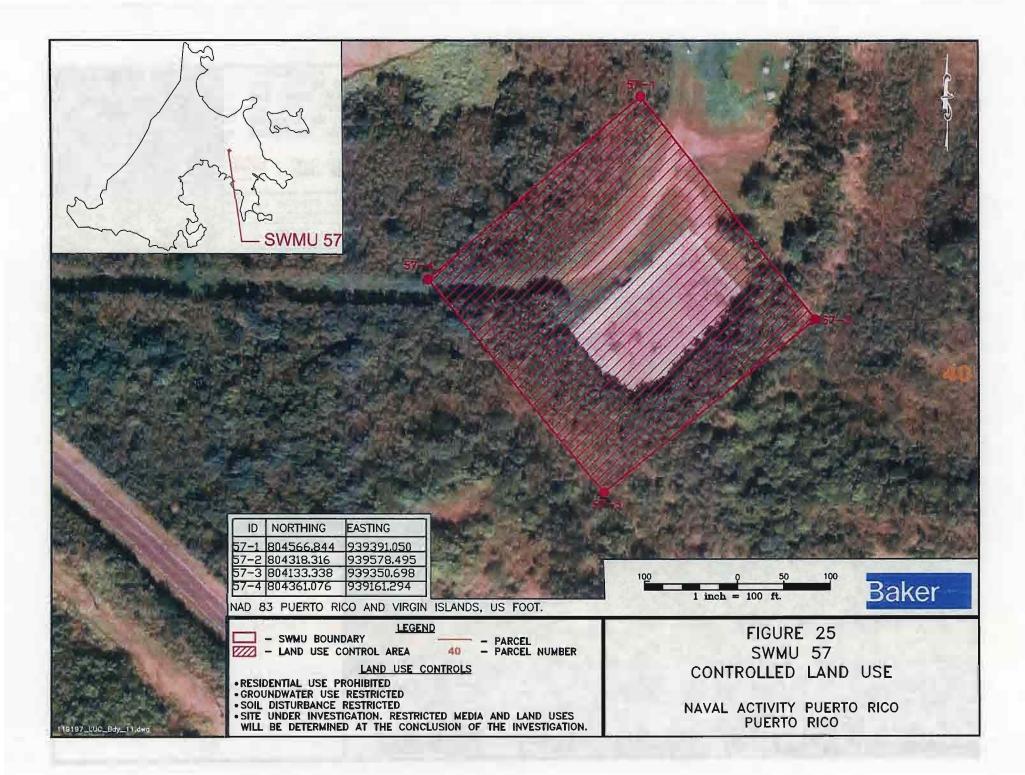


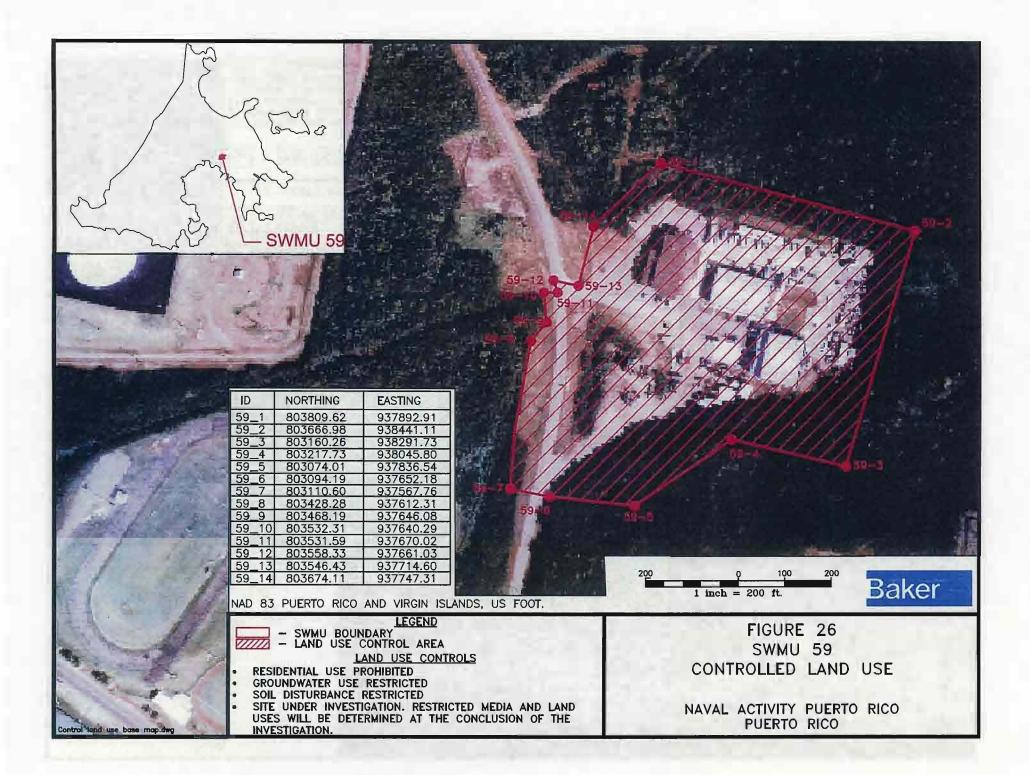


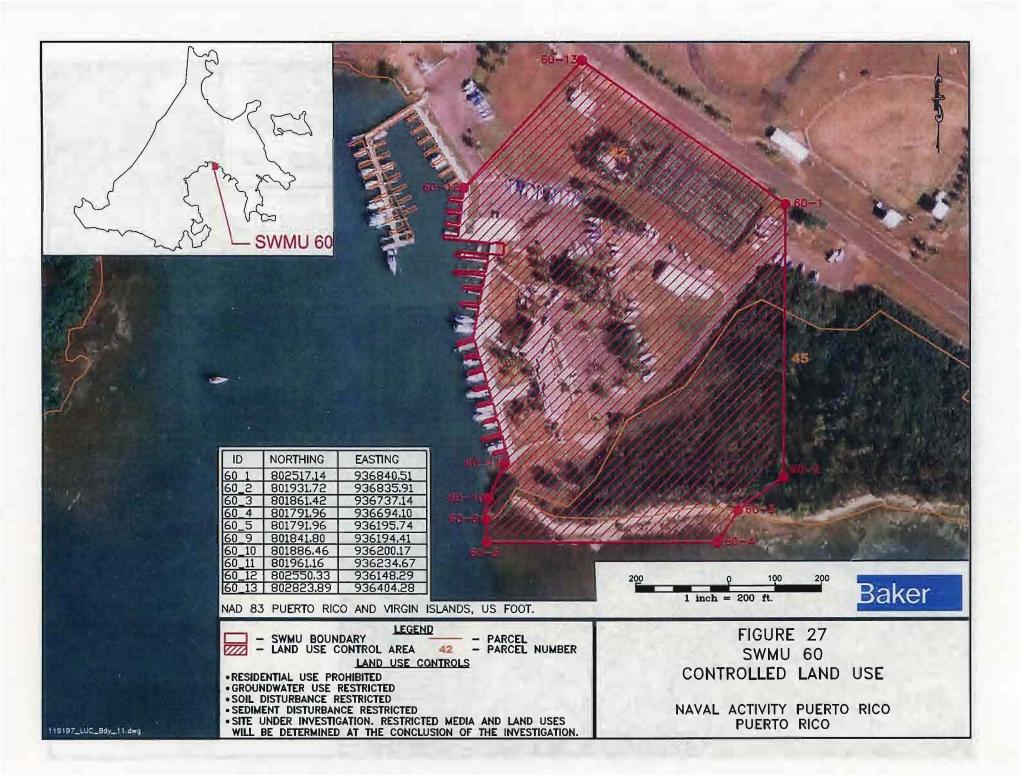


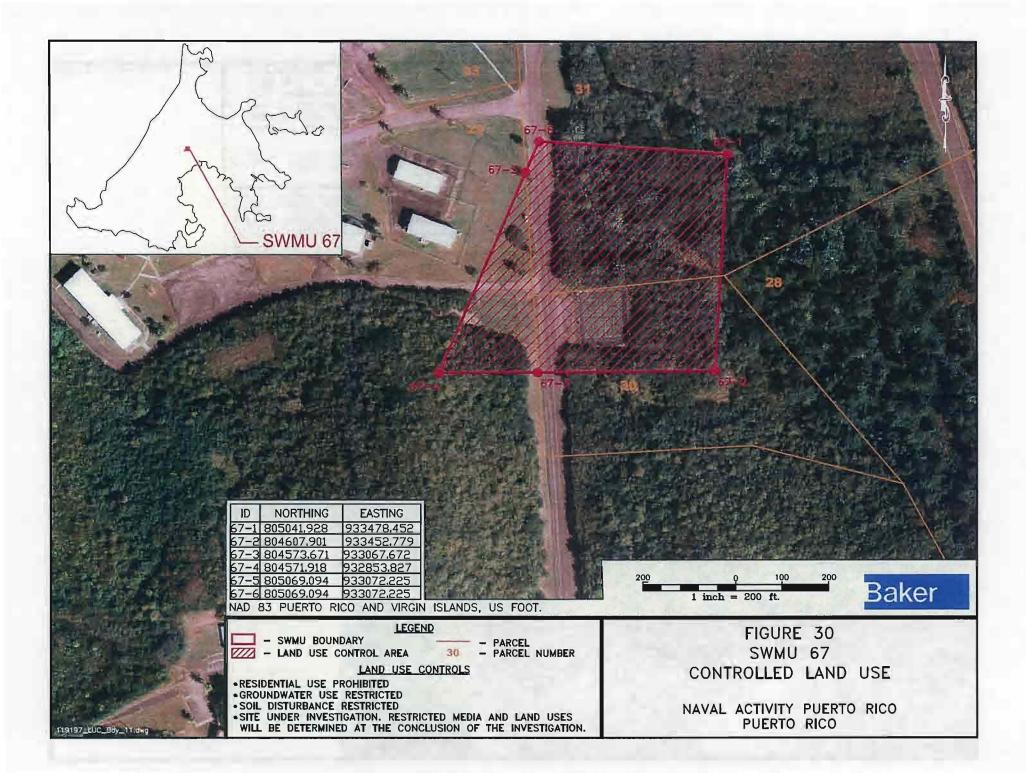




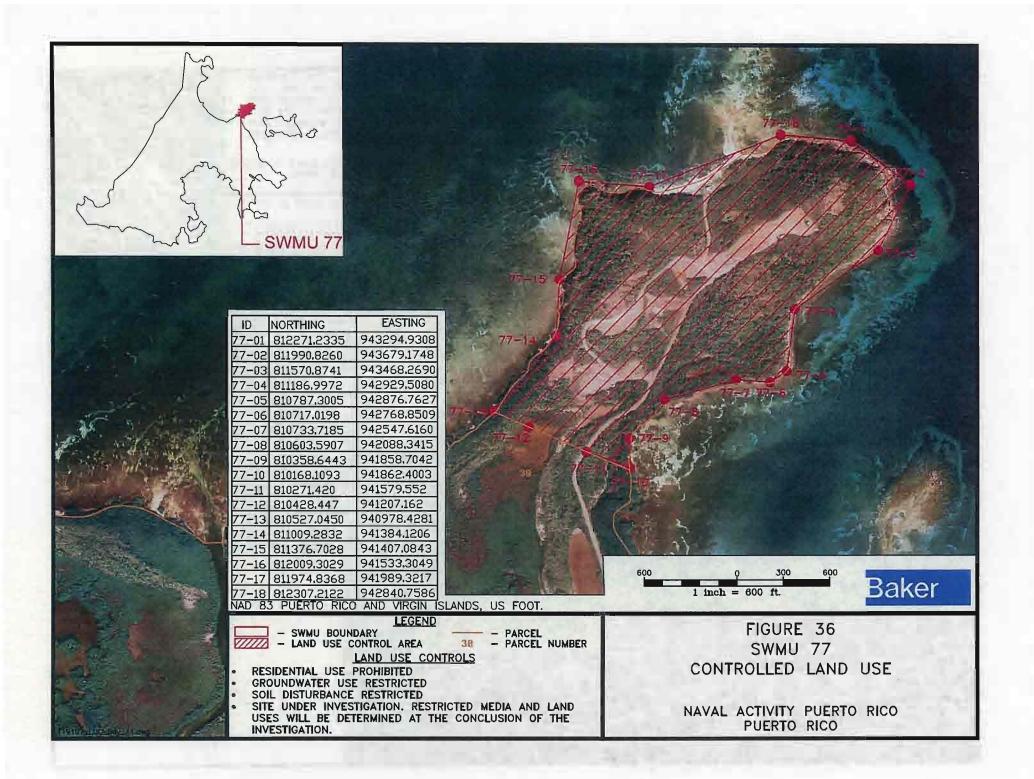




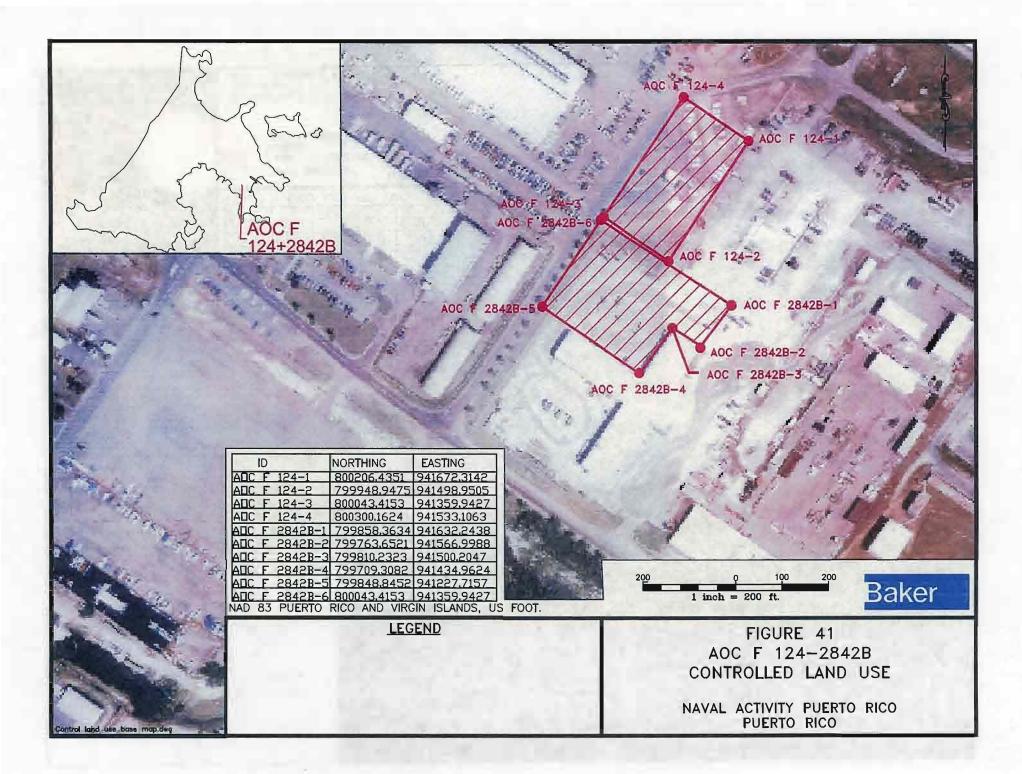




Contraction of the second seco	
ID         NORTHING         EASTING           70_1         799123.62         941629.66           70_2         798395.17         941783.48           70_3         798019.43         941862.84           70_5         797691.64         941925.35           70_5         797691.64         941903.09           70_6         79681.83         941280.17           70_7         796881.83         94042.19           70_9         798199.24         940339.18           70_9         798422.10         940524.19           70_10         798484.78         940442.79           70_11         798723.71         940604.43           70_12         799058.18         940764.44           70_13         799058.18         940766.29           70_14         799038.12         940796.29           70_15         799161.11         940919.00           70_15         799100.68         941013.11           70_17         799397.30         941235.02	$600   0   300   600 \\ 1   inch = 600   ft.$
LEGEND         - SWMU BOUNDARY         - LAND USE CONTROL AREA         LAND USE CONTROLS         • RESIDENTIAL USE PROHIBITED         • GROUNDWATER USE RESTRICTED         • SOIL DISTURBANCE RESTRICTED         • SITE UNDER INVESTIGATION. RESTRICTED MEDIA AND LAND         USES WILL BE DETERMINED AT THE CONCLUSION OF THE         INVESTIGATION.	FIGURE 31 SWMU 70 CONTROLLED LAND USE NAVAL ACTIVITY PUERTO RICO PUERTO RICO



LEGEND - SWMU BOUNDARY - LAND USE CONTROL AREA LAND USE CONTROLS • RESIDENTIAL USE PROHIBITED • GROUNDWATER USE RESTRICTED • SOIL DISTURBANCE RESTRICTED • SITE UNDER INVESTIGATION. RESTRICTED MEDIA AND LAND USES WILL BE DETERMINED AT THE CONCLUSION OF THE	FIGURE 37 SWMU 78 CONTROLLED LAND USE NAVAL ACTIVITY PUERTO RICO PUERTO RICO



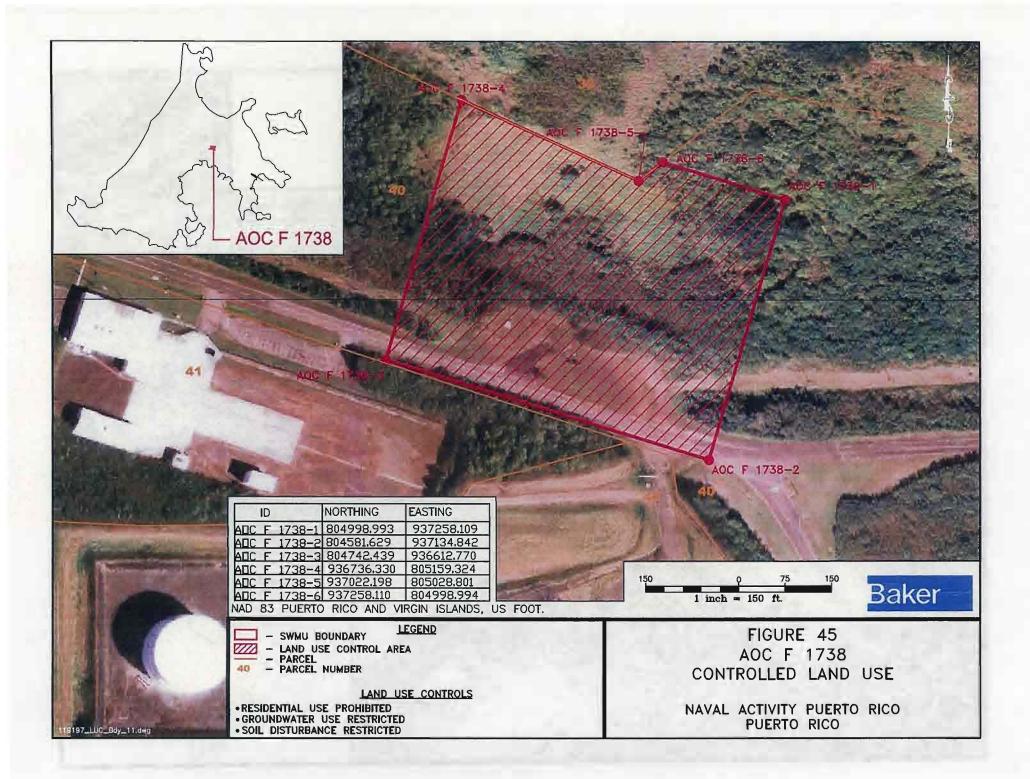
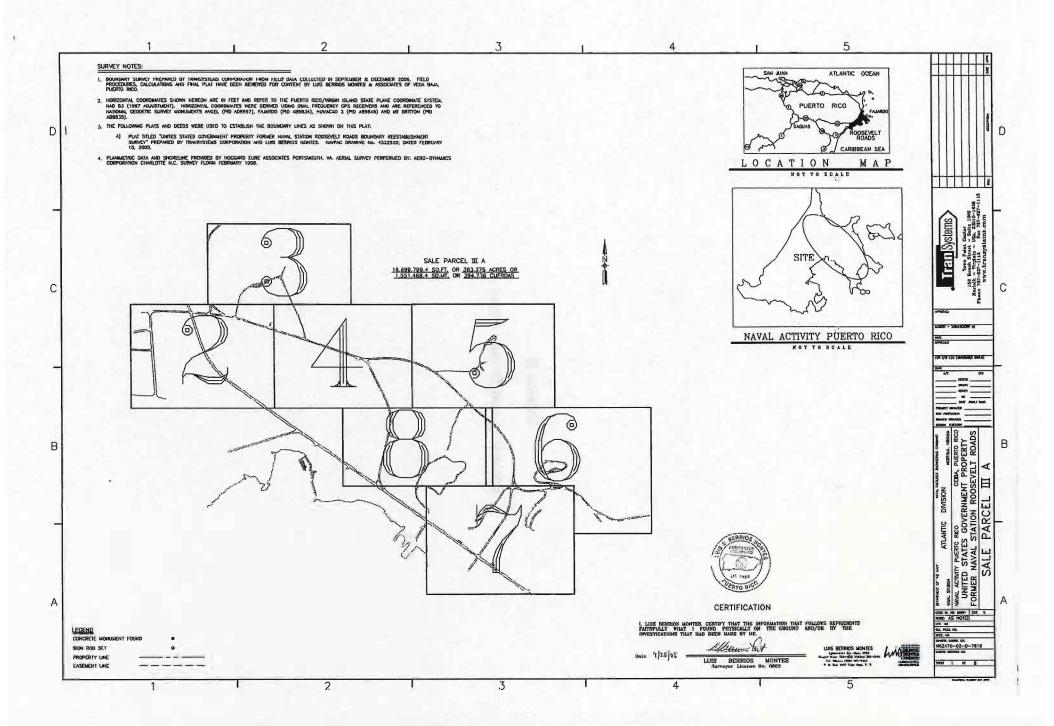
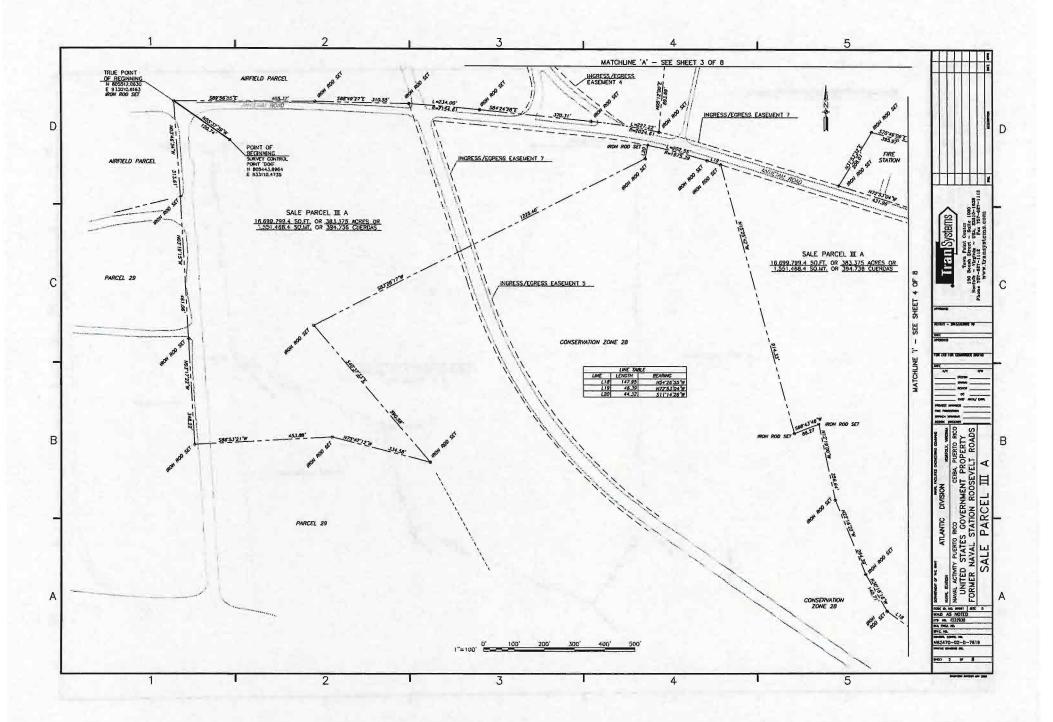
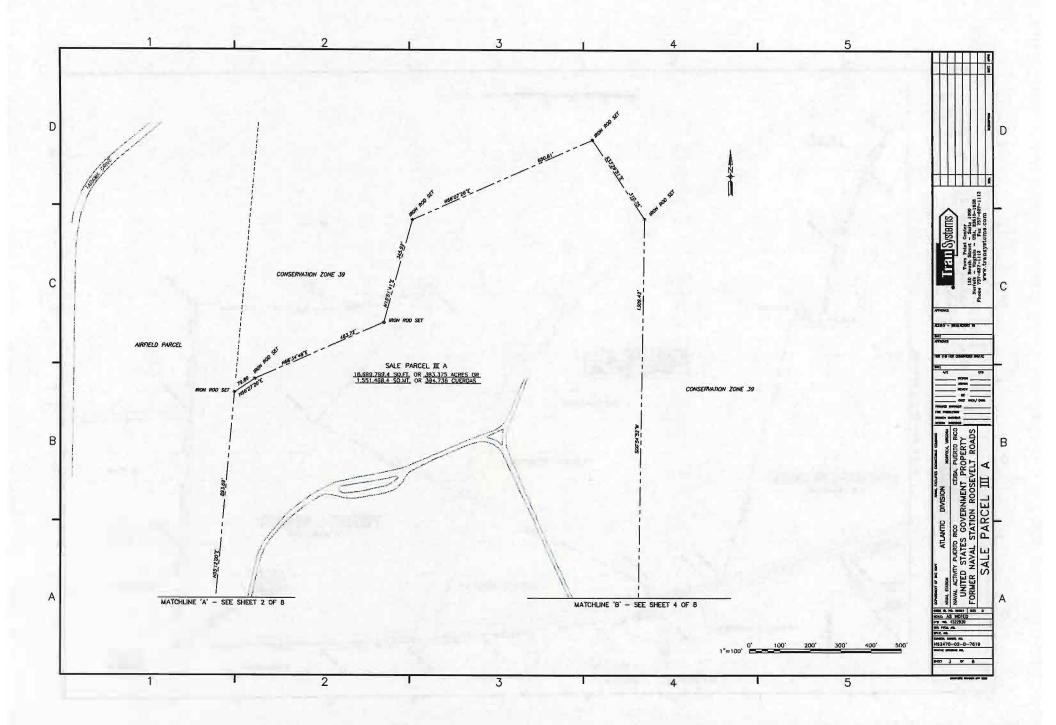


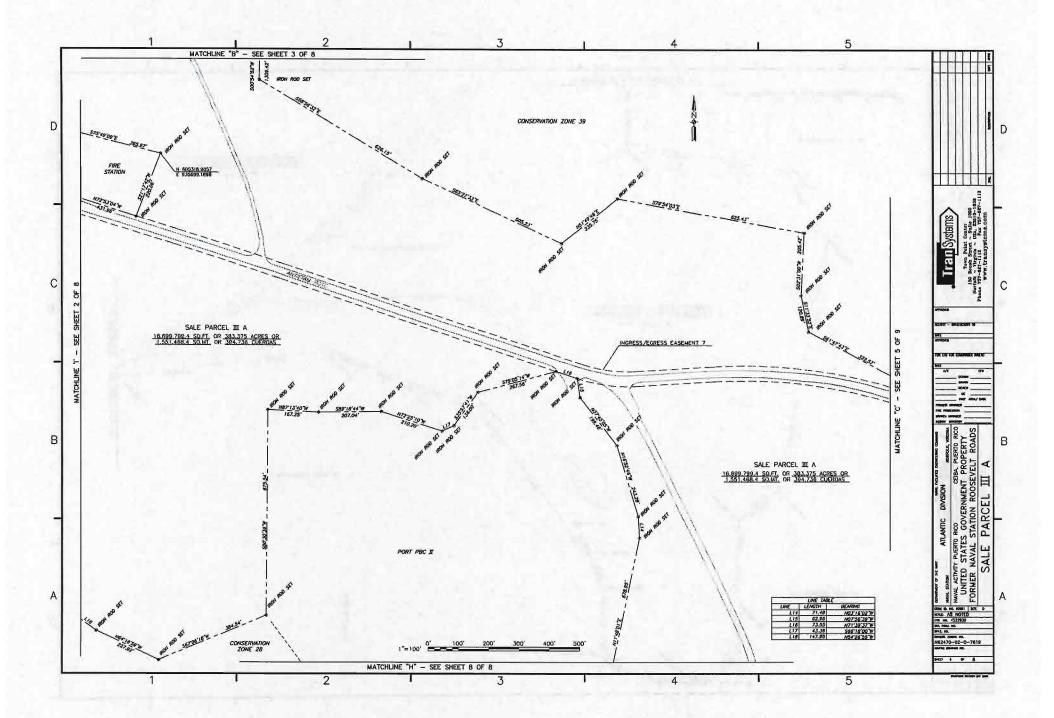
Exhibit D

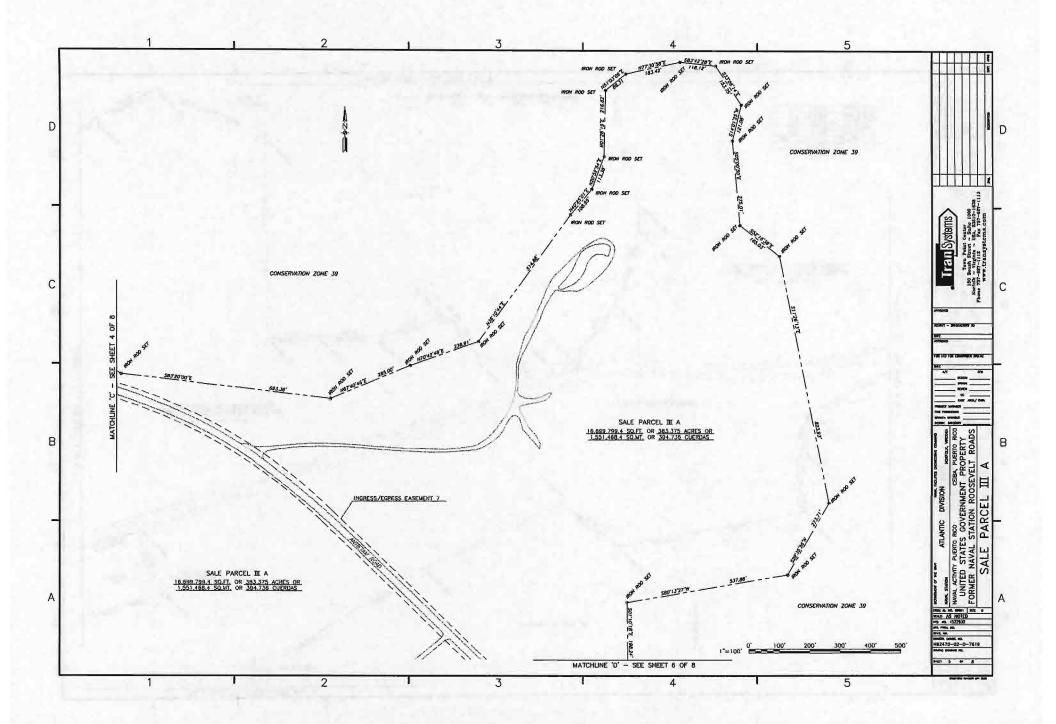
Boundary and Survey Maps

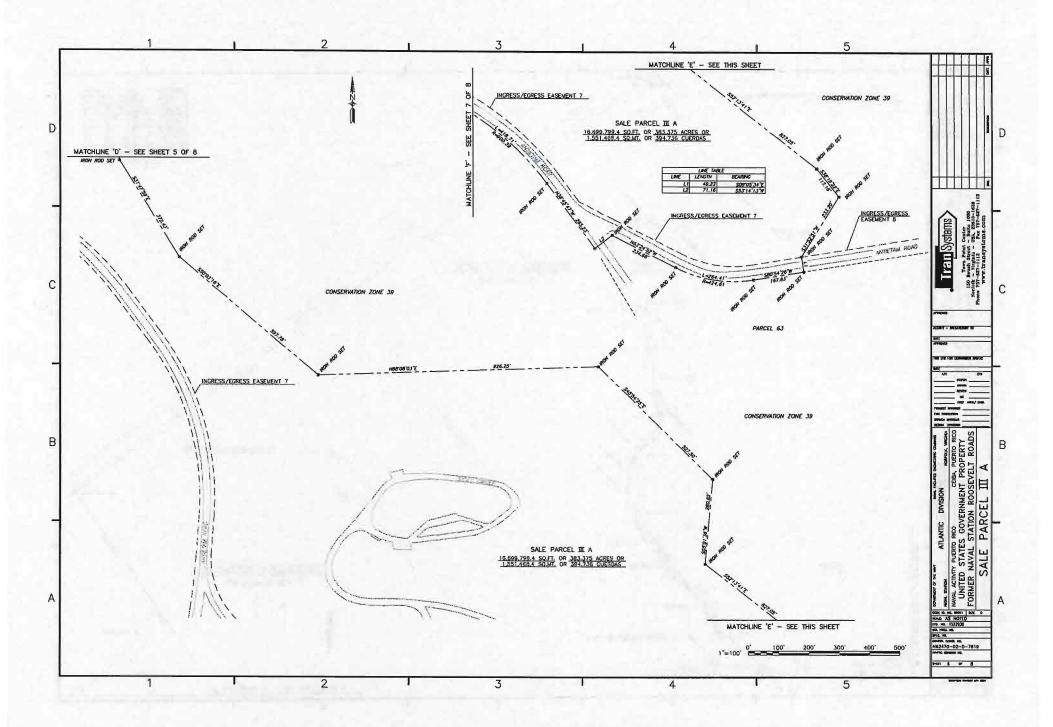


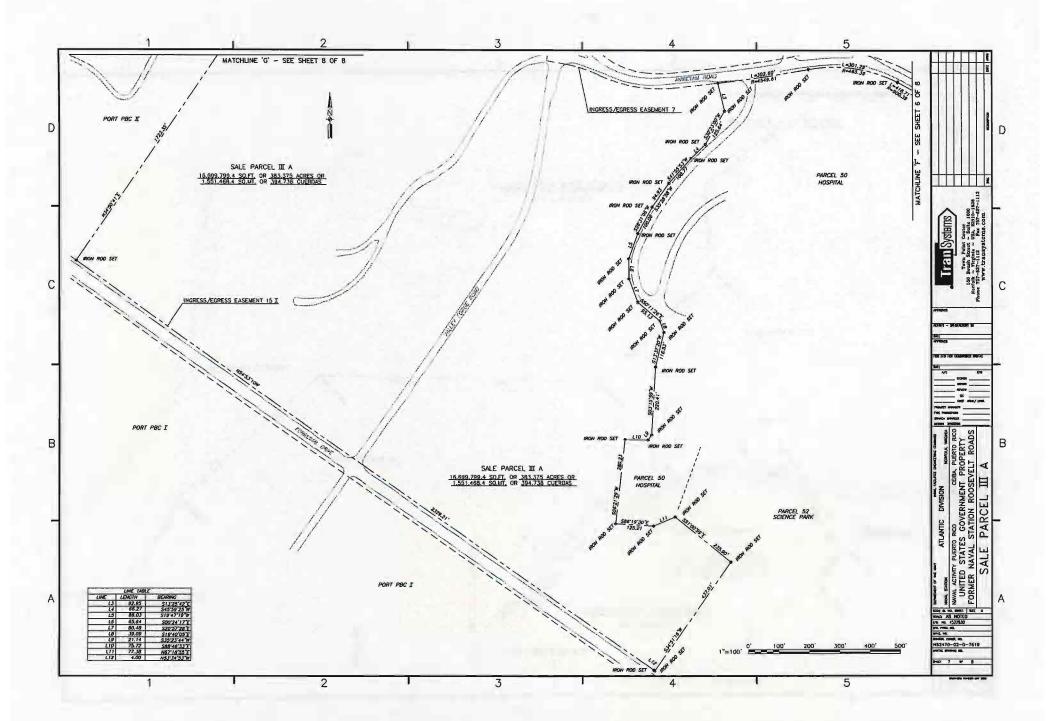


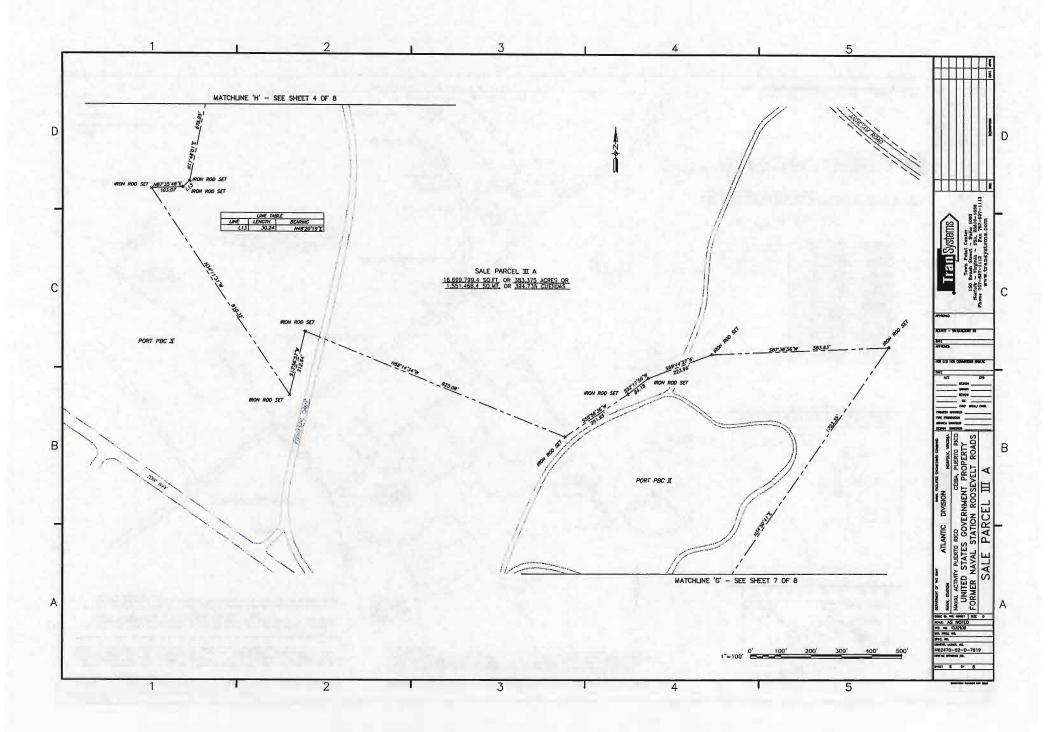


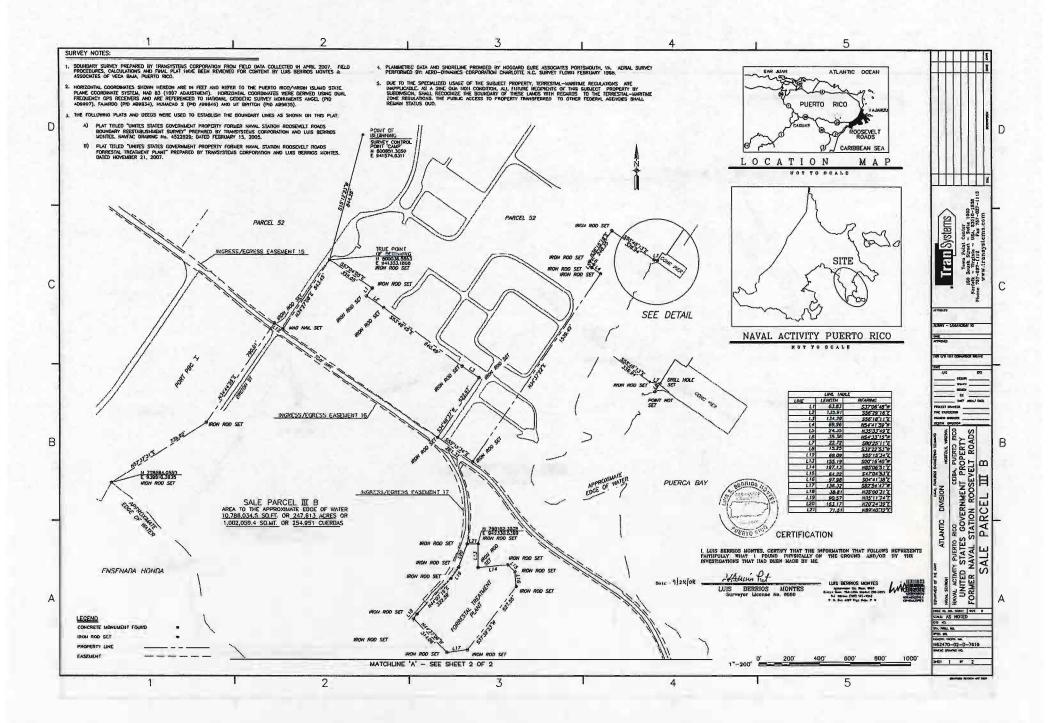


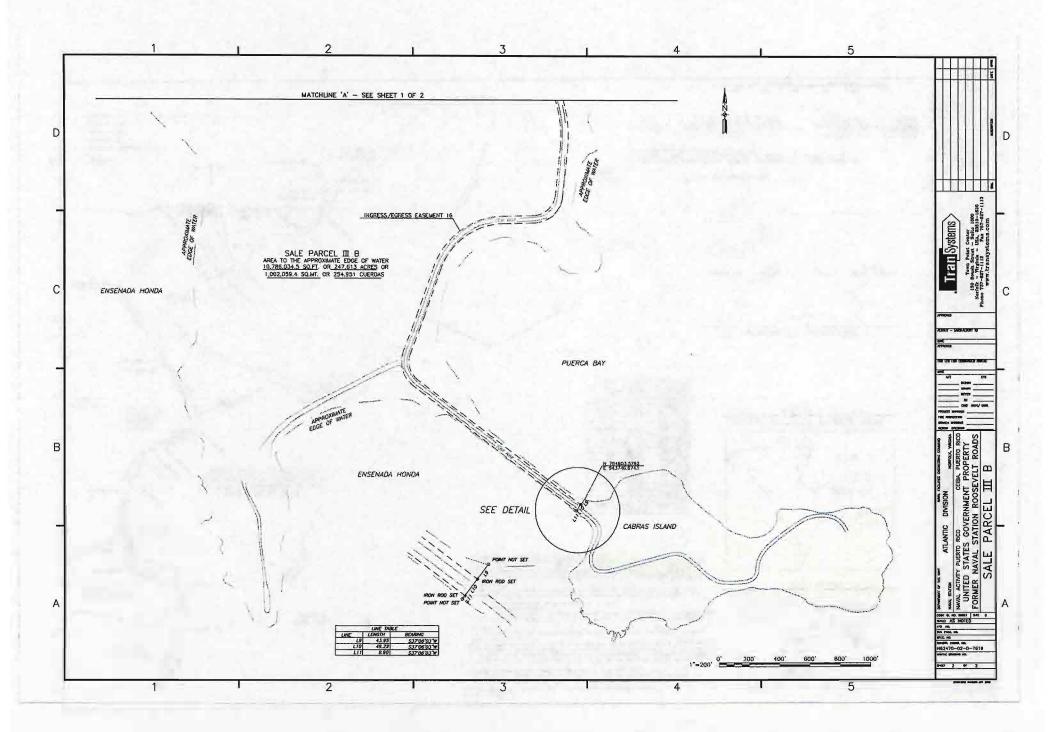


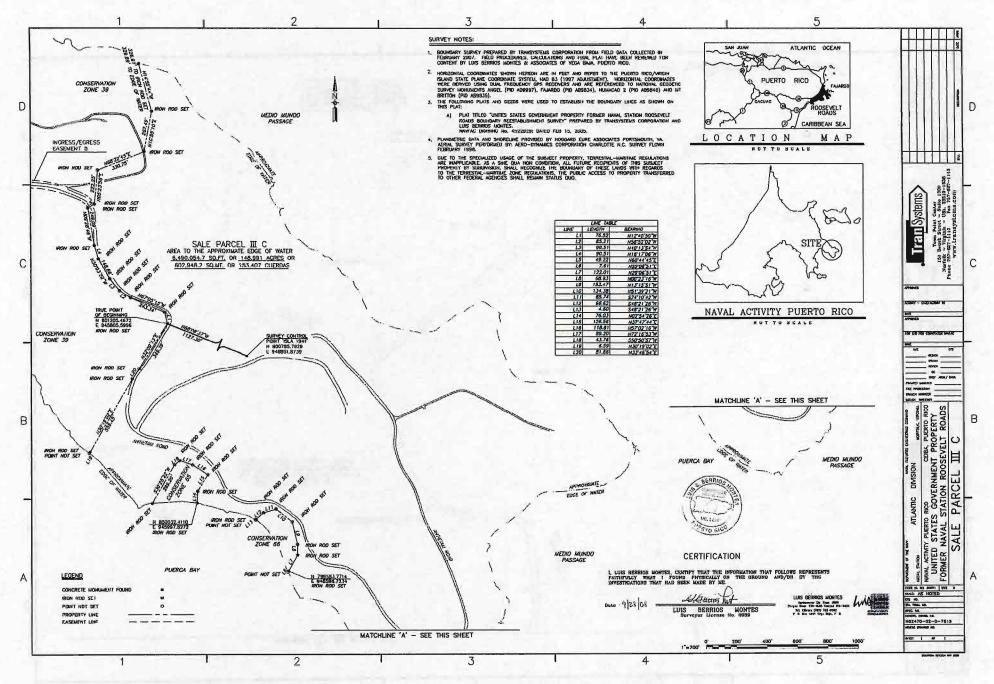




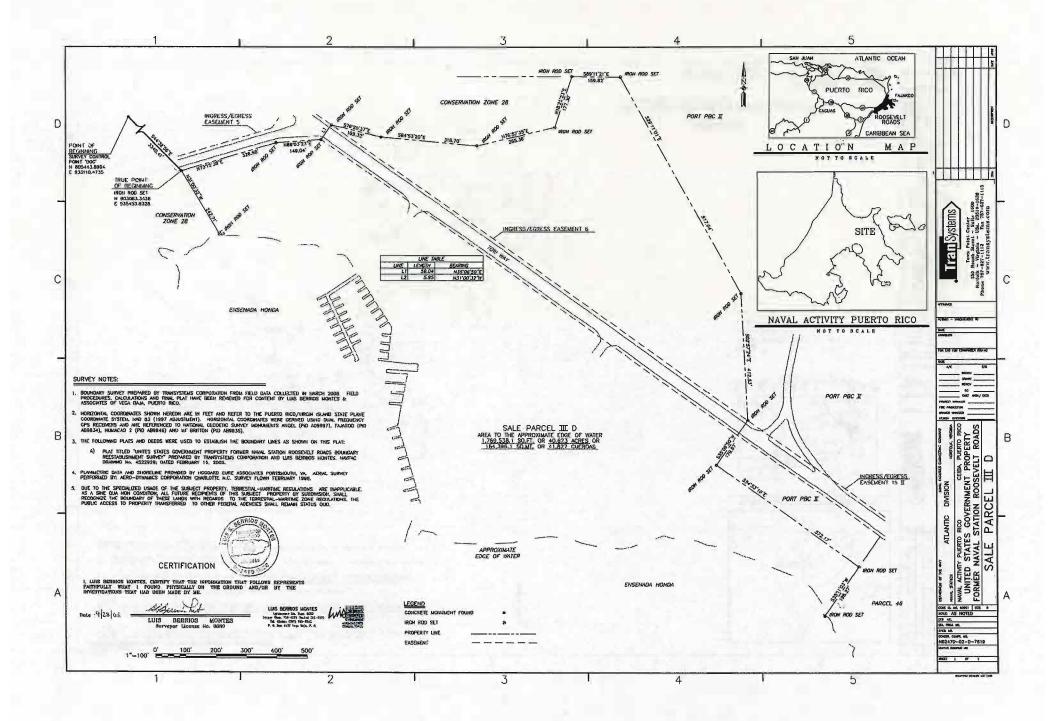


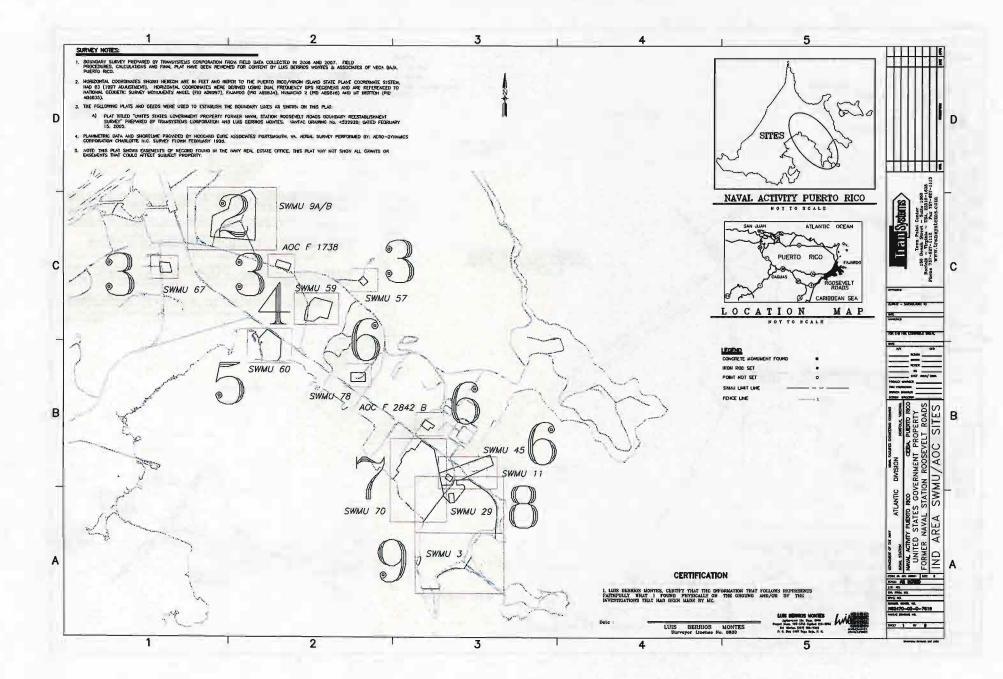


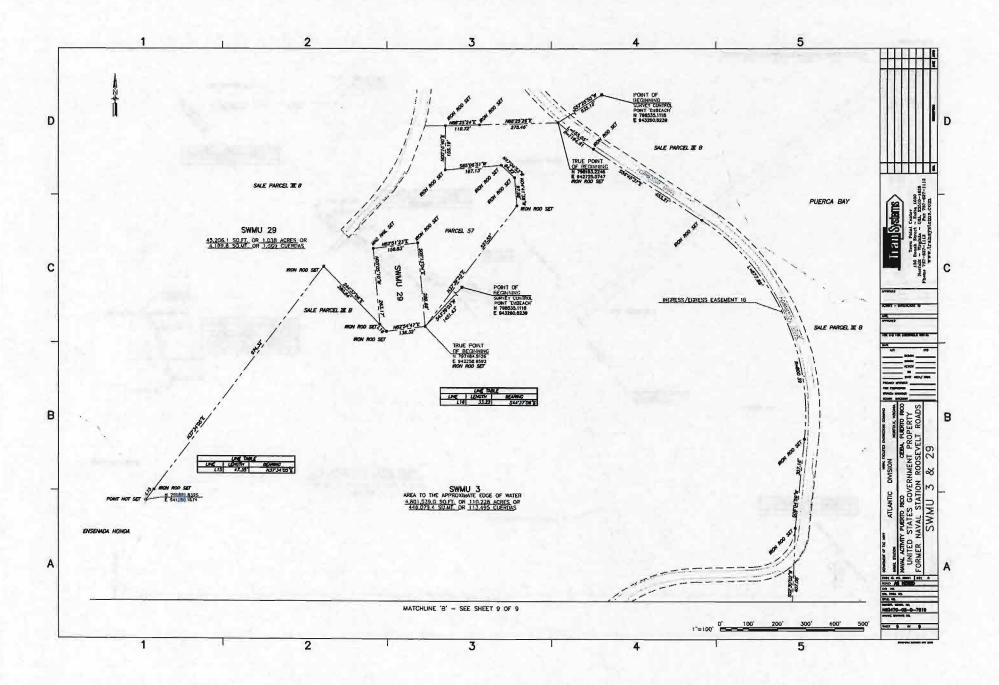


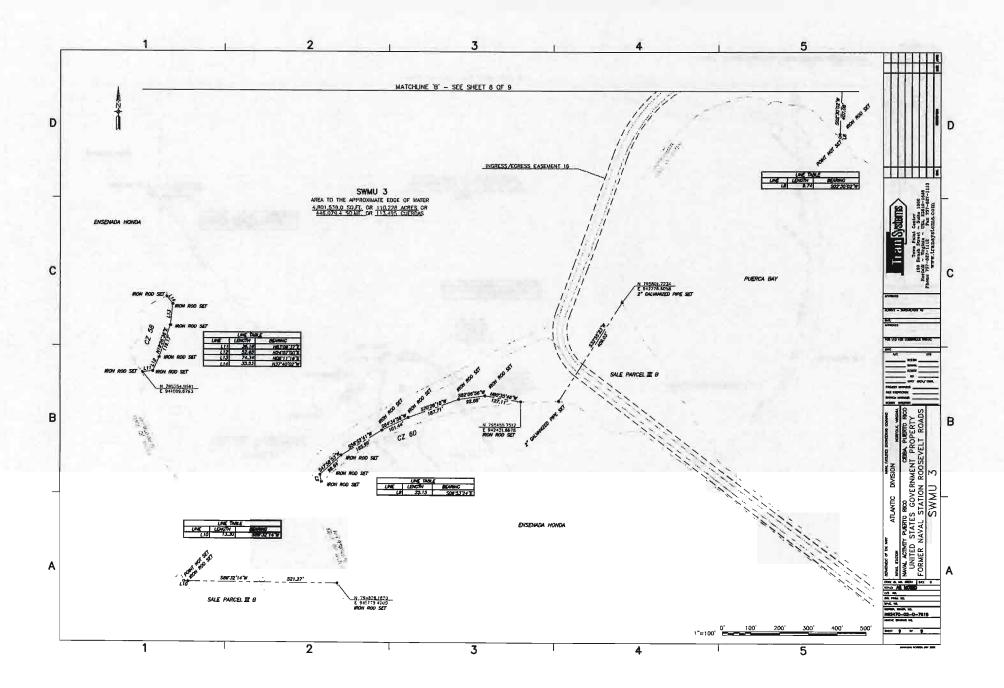


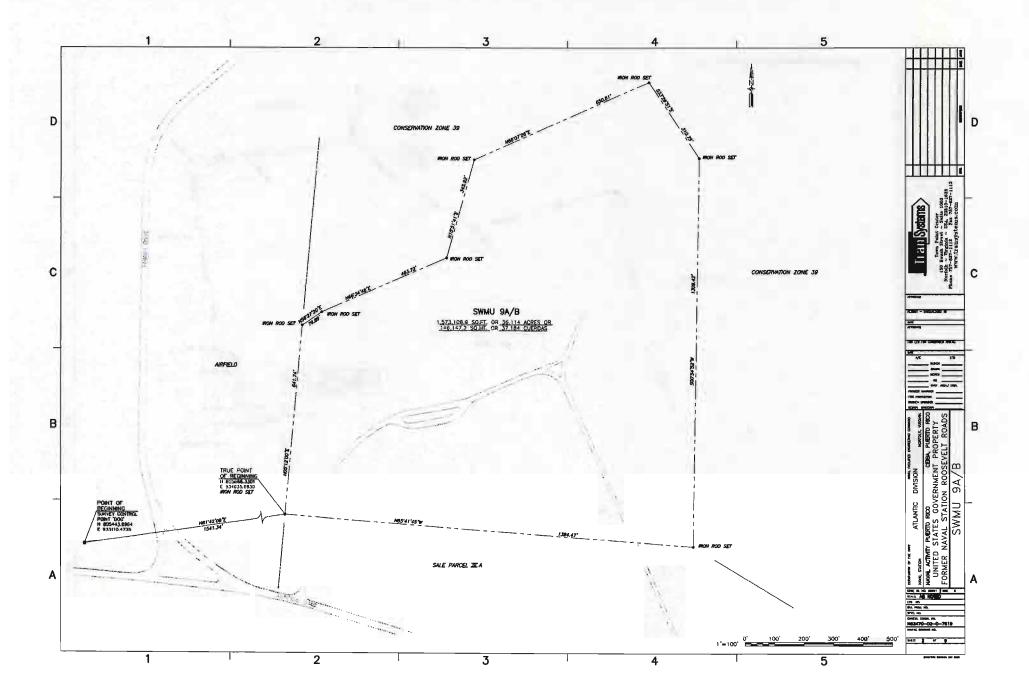
1.11.11.1

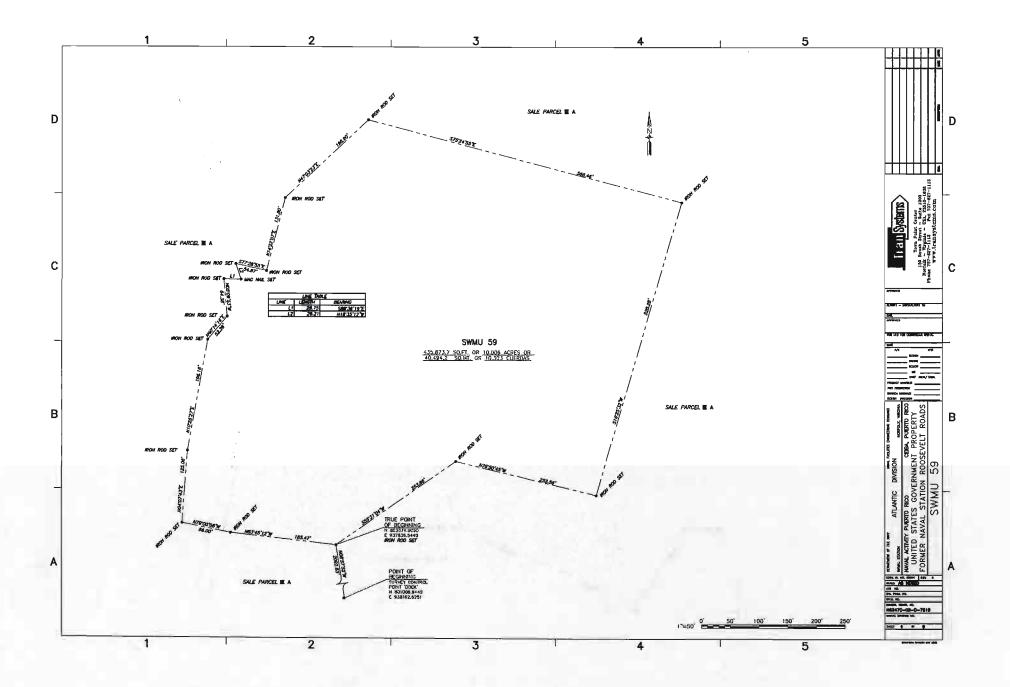


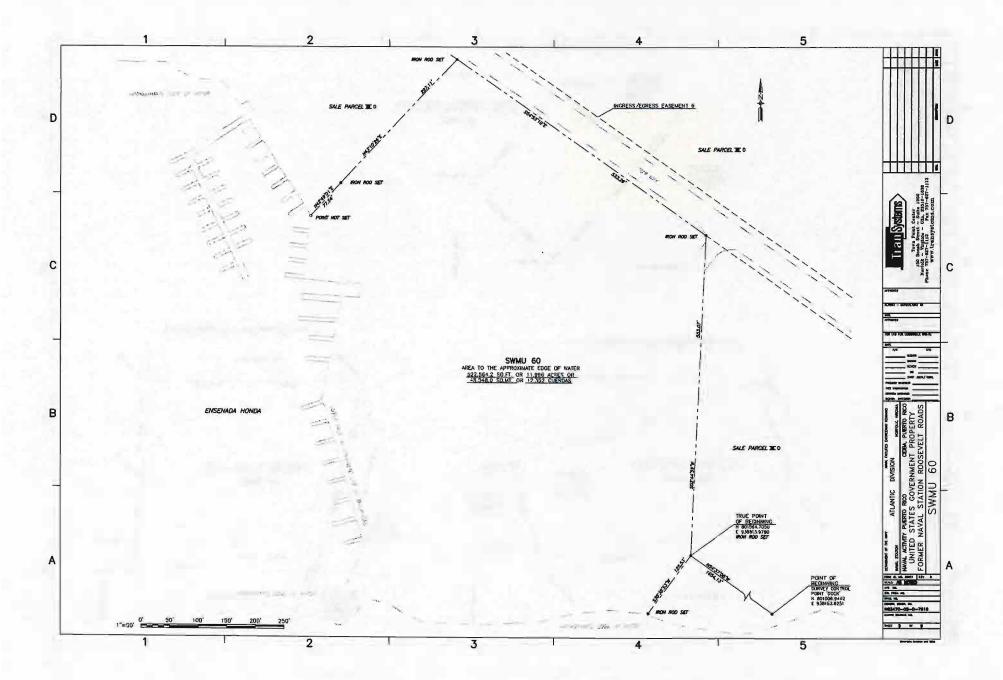


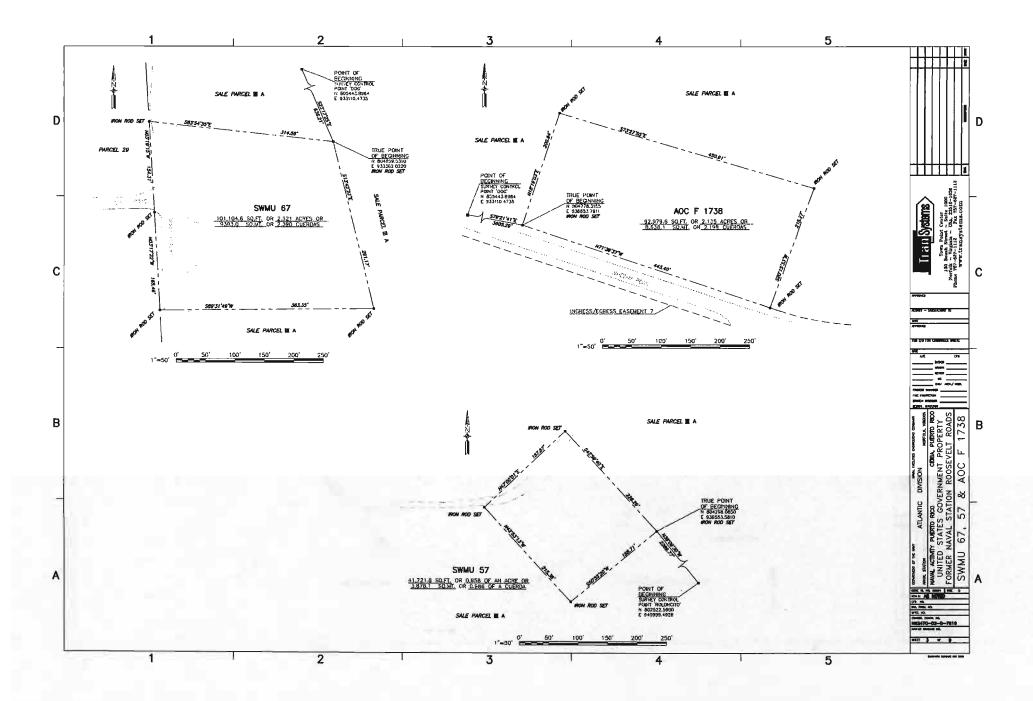


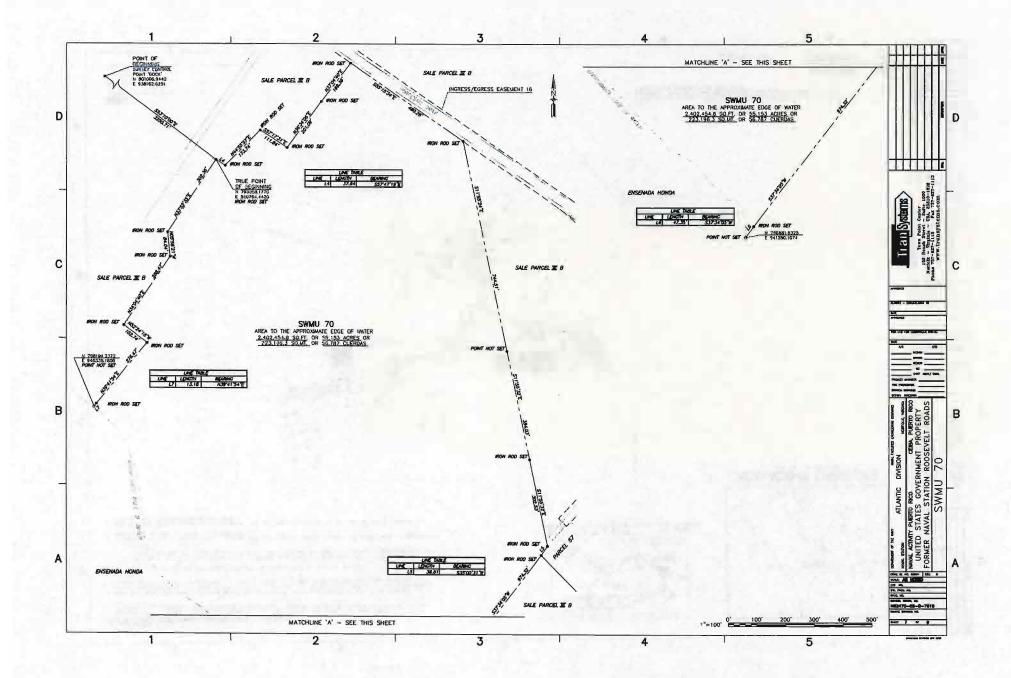


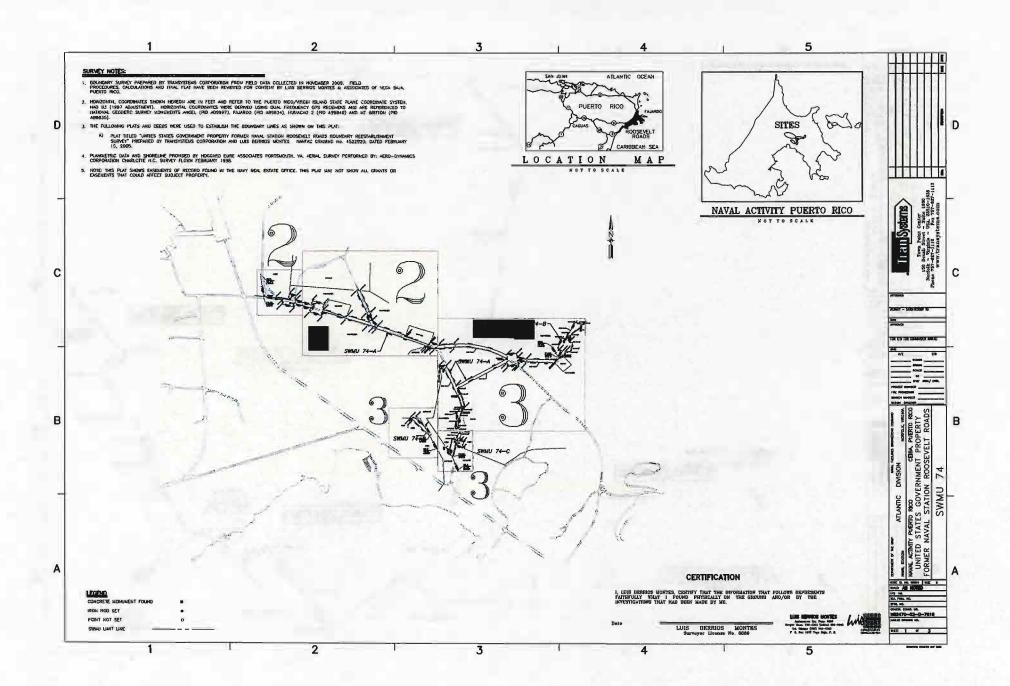


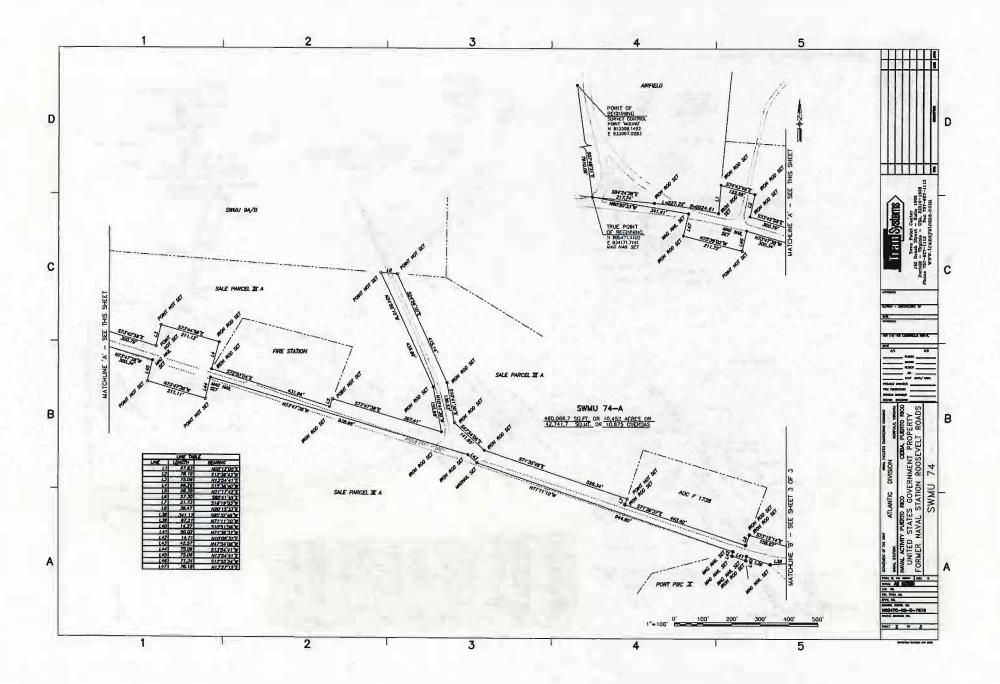


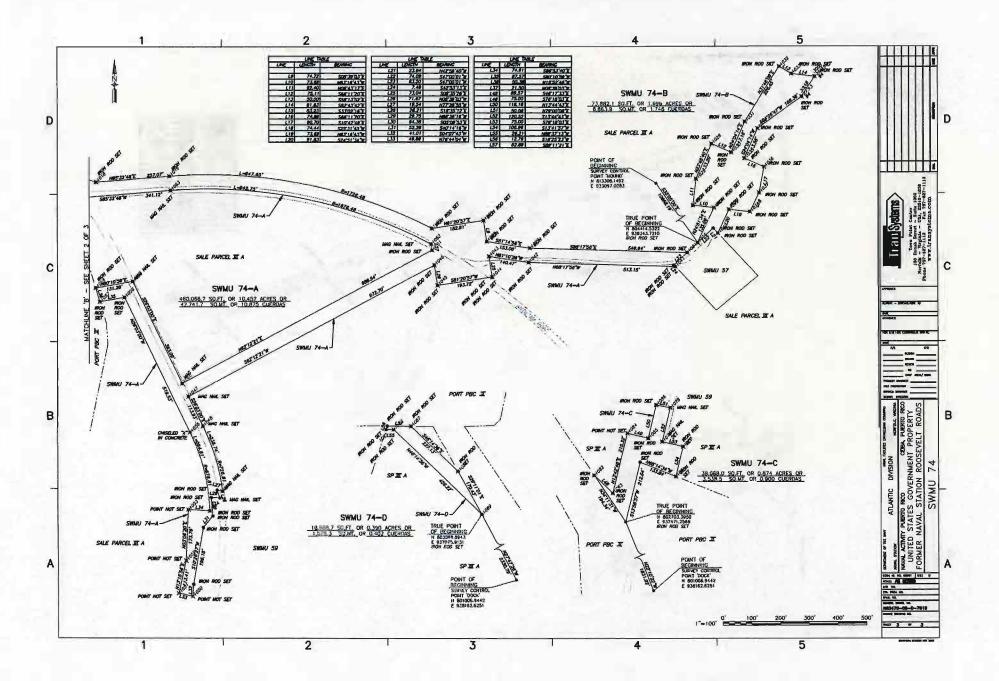


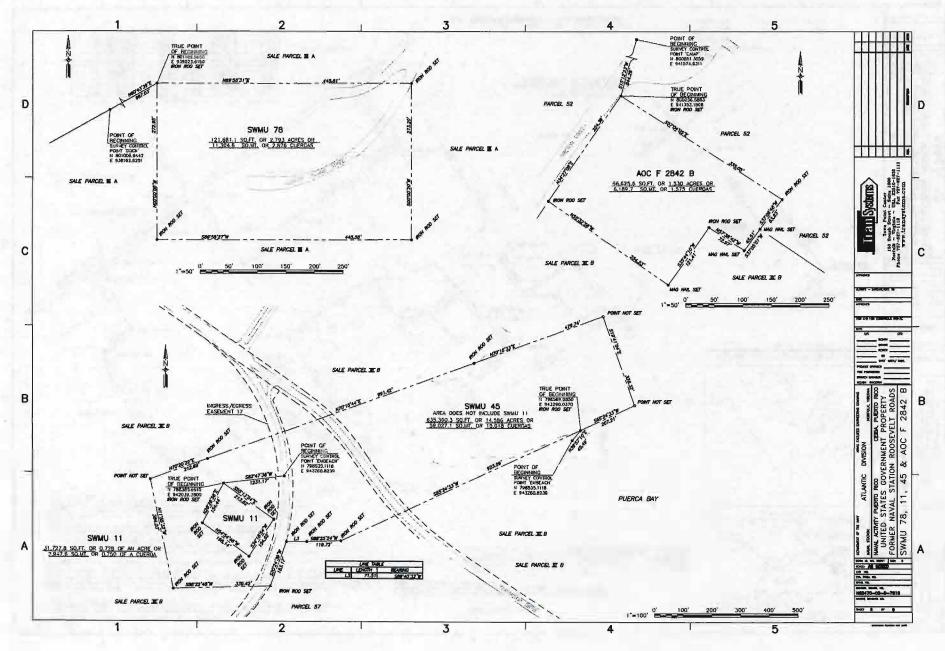












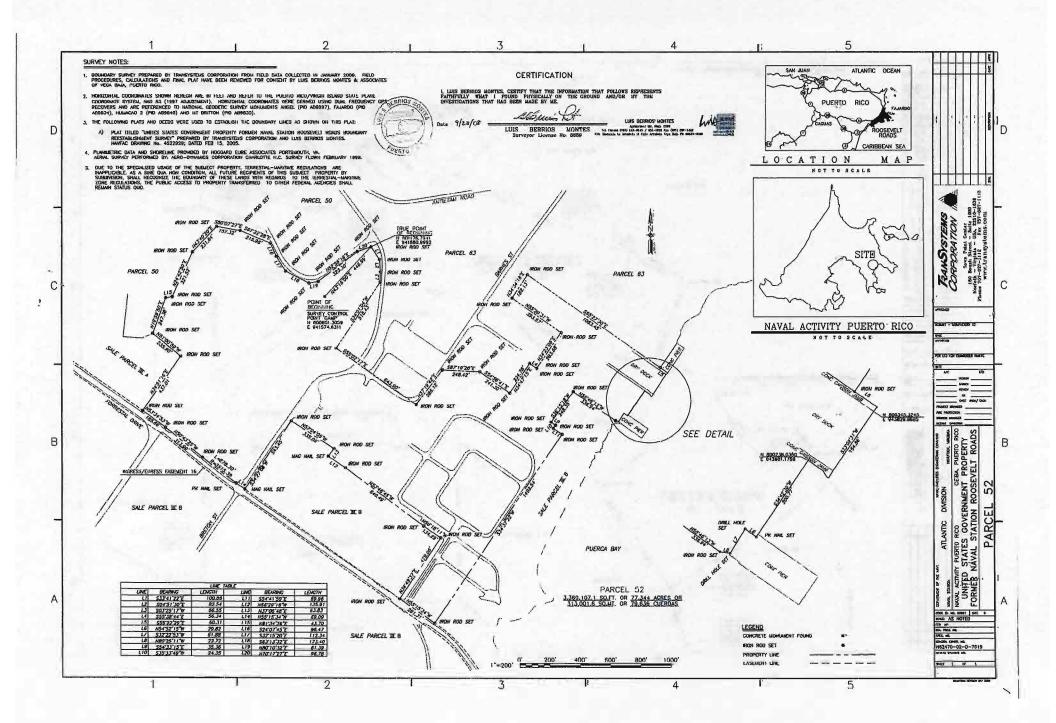


Exhibit E

.

Tables

#### Table 1 Naval Activity Puerto Rico Sale Parcel III and Science Park FOSL Facilities List

Facility #	Former User	Name	Area	Unit	Yr Built
38	PWD EED	OLD POWER PLANT	24500	SF	1944
124	PWD	GAS FILLING STATION	294	SF	1955
278	SURFOPS	OIL DRUM STORAGE	17000	<b>[]-</b> ])	1949
377	AIROPS (GED)	GRND ELECTRONICS MAINT SHOP	10000	SF	1958
394	AFWTF	TORPEDO SHOP/UNDERGROUND DEP	16160	SF	1958
396	AFWTF	GUARD SHELTER	36	SF	1958
832	AFWTF	MISC STORAGE	750	SF	1962
1720	MWR	PICNIC PAVILLION	64	SF	1972
1724	MWR	YACHT CLUB	1590	SF	1972
1726	MWR	TENNIS COURTS (LIGHTED)	3200	SF	1972
1730	AFWTF	MK-48 TORPEDO SHOP	4000	SF	1969
2015	AFWTF	TORPEDO PAINT SHOP	100	SF	1971
2288	AFWTF	OPER HAZ/FLAMMABLE STORAGE	222	SF	1989
2312	PWD	HAZ WASTE STORAGE BY B#2042	100	SY	1989
2334	MWR	BOATHOUSE/MARINA	8450	SF	1993
2344	MWR	MWR CLUB STGE	9700	SF	1993
2345	MWR	MWR STORAGE BLDG BY 377	9600	SF	1993
2377	MWR	MARINA	-	-	

List based on 2003 NAPR base map (Base map - PREnew 11-2003.pdf), July 2001 Building Utilization List, List of Buildings To Be Inspected For Asbestos from June 2005 Asbestos Inspection Report, and field verfication by NAPR personnel.

- Information not available or unknown

AFWTF Atlantic Fleet Weapons Training Facility

AIROPS Air Operations

EED Environmental Engineering Division

GED Ground Electronics Division

- HOSP Hospital
- MWR Morale, Welfare and Recreation
- PWD Public Works Department

SURFOPS Surface Operations

# Table 2 Naval Activity Puerto Rico Sale Parcel III and Science Park FOSL Solid Waste Management Units and Areas of Concern Summary and Status Page 1 of 4

Parcel	SWMU Na.	Description	CERFA '	RCRA Status	Investigation and Remedial Action Summary and Status	Media Affected / Key Contaminants	Site Specific Land Use Controls	Current RCRA Phase	Remaining Work Required
3	3	Base Landfill This currently active landfill is unlined, and has been used since the early 1960s as a disposal site for solid wastes. To dispose of wastes, a french is dug to the water table, and then filled with wastes. When the tranch is full, it is covered with soil.	3	IM/Closure	IRP Round 1 (1986) and 2 (1987) sampling of the groundwater found metals (arsenic, chromium, lead, and selenium) above cleanup standards. An RFI of soil, surface water and sediments, and groundwater was required by the permit. The Consent Order requires a Semi-Annual Groundwater Monitoring Program as an Interim Measure (IM), and implementation of the Closure Plans for the Station Landfill, Landfill dosed and implementation of the Closure Plans for the Station Groundwater Ward and implementation of the Closure Plan underway. Landfill Gas Monitoring Work Plan implementation underway. Submit semi-annual rpts win 60- days of receiving validated lab data until closure completion notification approved. Old Landfill portions need to be closed by new owner.	GW, Sediment - metals, SVOCs, VOCs	1, 2, 4 and No Disturbance of Landfill Cover	Semi-Annual GW and Landfill Gas Monitoring until Sale.	Close remaining portions of landfill, continue semi-annual GW monitoring, continue landfill gas monitoring.
3	9	Tank 212-217 Sludge Burlal Pits SWMU 9 consists of unlined earthen pits In which petroleum sludges were burled after tank cleaninge. These burlei pits are near fuel tanks 212 through 217, located along Forrestal Drive. The tanks were installed in 1940, and were cleaned approximately every five years, until 1978.	3	CMS	IRP Round 1 (1986) groundwater sampling indicated the presence of benzene and toluene at levels above relevant action levels. Sediment samples collected in the mangrove swamps below the lanks detected organic constituents and lead below relevant action levels. The RFI of soils and groundwater required in the permit recommended additional investigation for surface water and sediments. Submitted Final Phase I RFI WP for Area B Tank 214 Area 1/17/07. Completed Phase I RFI field Investigation for Area B Tank 214 Area. Draft Phase I RFI Report approved by EPA. Full RFI Work Plan approved and field investigation implemented. Draft-Final Full RFI Report submitted 6/16/11. Implement ERA for this site through Steps 7 and 8.	GW, Subsurface and Surface Soil, Sediment - metals, SVOCs, VOCs	1, 2, 4 and No Disturbance of Adjacent Wetlands	Full RFI, BERA Steps 7/8	CMS/SoB/CMI
3	11	Old Power Plant (Bidg. 38) SWMU 11 is the intertor of Building 38, the "Old Power Plant" and includes a former concrete pad where transformers and transformer fluids containing PCBs were stored. The entire building is constructed of concrete approximately two to three feet thick, Both the 1998 VSI and the 1993 follow-up inspection reported extensive staining. There were also indications of transformer fluids being discarded by pouring into subsurface cooling water tunnels associated with the Power Plant, which then empty into Puerca Bay. The exterior of Building 38 is classified as SWMU 45.	3	IM	In accordance with requirements of the Consent Order, an IM has been implemented in the form of engineering controls to restrict access to the interior of the building. A Land Use Control (LUC) plan has been submitted to EPA. Controls must prohibit building access and preclude future use of the sile until acceptable clean-up is implemented.		1 and No Access to Building Interfor		Maintain LUCs
Science Park	31	Waste Oil Collection Area (Bldgs. 31 and 2022) Located in the Public Works Department storage yard near the Transportation Shop, it consists of a curbed, concrete pad used for temporary outdoor storage of waste oil containers. There is also a 500-gallon tank for waste oil collection. During a 1993 inspection, oil staining surrounded the storage pad. This SWMU is associated with Buikding 31, where the Navy's 1984 IAS reported that containers of unidentified wastes had been storad outside the building. Solvent doors were reported in the 1984 IAS report. The entire area surrounding this SWMU is now paved with asphalt. Since the 1993 inspection the area has been reconfigured and new facilities have been constructed. The former area not used in the new construction was paved.	3	CMI	The CMS recommended no further action based on the fact that a majority of the area is currently covered with asphalt, which mitigates the exposure pathway for dermal contact with surface soil, and also recommended the remaining small unpaved area within SVMUs 31/32 be covered with asphalt to mitigate a potential exposure pathway. The <b>existing</b> and new pavement would be maintained to protect the integrity of the cap. Land use controls were recommended to prevent the use of this SVMUI for residential housing. Approved CMS and CMI Design Package. CMI requires installation and maintenance of asphalt parking lot. Navy is currently negotiating with contractor for installation of new cap.	Soll - dioxin, furans	1, 2	NA	Implement CMI and maintain LUCs for non- residential land use and maintain integrity of asphalt.
Science Park	32	PWD Storage Yard/Battery Collection Area Described in the 1988 RFA as an outdoor area where discarded batteries were stored. However, approximately 100 to 110 55-gallon drums of contaminated jef tuel and soil were observed during the 1993 follow-up investigation. They were stored on wooden pallets resting on bare ground. Along with these drums an area of slained soil was visible, discarded batteries were noted, and a small, partially open, uncurbed storage building ("paint locker") contained cans. The area has now been cleaned up and is used for the storage of spare parts and for equipment parking.	3	CMI	The CMS recommended no further action based on the fact that a majority of the area is currently covered with asphalt, which mitigates the exposure pathway for dermal contact with surface soil, and also recommended the remaining small unpaved area within SWMUs 31/32 be covered with asphalt to mitigate a potential exposure pathway. The existing and new pavement would be maintained to protect the integrity of the cap. Land use controls were recommended to prevent the use of this SWMU for residential housing. Approved CMS and CMD besign Package. CMI requires installation and maintenance of asphalt parking lot. Navy is currently negotiating with contractor for installation of new cap.	Soil - dloxin, furans	1, 2	NA	Implement CMI and maintain LUCs for non- residential land use an maintain integrity of asphalt.

# Table 2 Naval Activity Puerto Rico Sale Parcel III and Science Park FOSL Solid Waste Management Units and Areas of Concern Summary and Status Page 2 of 4

Parcel	SWMU No.	Description	CERFA ª	RCRA Status	Investigation and Remedial Action Summary and Status	Media Affected / Key Contaminants	Site Specific Land Use Controls	Current RCRA Phase	Remaining Work Required
3	45	PCB Spill Area/Old Power Plant Area outside of Building 38, the Old Power Plant (SWMU 11), where transformer oils containing PCBs were outlinely discarded directly onto the ground during transformer maintenance. This area extends from the property around Building 38 and includes the path of the cooling water intake tunnel from the embayment of Puerca Bay. There are also two abandoned 50,000 gallon USTs associated with SWMU 45/SWMU 11.	3	CMS	PCB contamination was found in soil immediately outside of Building 38. An ICM soil removal was performed in 1994. RFI sampling in 1996 indicated the USTs and cooling water tunnel represented a possible source of continuing release. Another ICM was performed to clean and abandon in place the USTs and tunnel. Inflow of groundwater to the tunnel necessitated a field design change which provided for the filling of the USTs and sealing the tunnal with low-density concrete. This approach entombed and effectively immobilized any residual contamination. Draft CMS Final Report due win 60 days of all work under the CMS Work Plan. Final Steps 3b/4 BERA approved 306. Completed Baseline ERA field investigation. Baseline ERA reviewed by the EPA. Final Steps 6/7 of Baseline ERA approved by EPA on 1/15/09. Draft-Final CMS Report submitted and EPA comments received 7/13/11.	GW, Sediments, Subsurface Soil - metals, PCBs, SVOCs	1, 2, 4	CMS	CAC w/out controls
3	57	POL Drum Storage Area (Facility No. 278) Rectangular concrete pad approximately 100° x 160° in size. Historic records reviews indicate drum storage and staining on concrete pad and surrounding soil, and the facility was used as the Petroleum, Oils and Lubricants (POL) drum storage facility from the 1950s to the 1990s.	3	RFI	PCBs, arsenic, and vanadium were determined to be Chemicals of Potential Concern (COPCs) at this site based on their exceedance of residential RBCs. However, none of the COPCs exceeded industrial RBCs (the likely reuse scenario) in the soil except arsenic. Phase 1 RFI work plan approved by EPA, and investigation completed. EPA comments on Phase 1 RFI Report on 3/17/11. Draft Full RFI Work Plan is currently being prepared.	Soil - arsenic > industrial RBC	1, 2, 4	RFI Investigation	Implement RFI and follow on work
3	59	Former Vehicle Maintenance and Refueling Area The sile, which includes Buildings 377. 2344, and 2345, was used as a vehicle maintenance and refueling area from the 1940s to the 1980s, and contained drums, vehicle racks, stains, and fuel islands. The final disposition of the suspected USTs is unknown. Interviewees confirmed that numerous spills and leaks of PQL and hazardous materials occurred throughout the usage period. Presently, the site is a level area with paving covering the mejority of it.	3	CMS	ECP Phase II sampling identified arsenic, chromium, and lead as COPCs in surface soil with detected concentrations in excess of the residential RBCs and base background criteria. No COPCs were identified in subsurface soil. In groundwater, heptachior epoxide, barium, and vanadium were identified as COPCs because they exceeded residential tap water RBCs. In accordance with the Consent Order, the Navy submitted a CMS Work Plan which was approved by EPA. The CMS investigation was implemented and the Draft CMS Investigation Report submitted to EPA on 7/14/11.	Soil - arsenic, chromium, and lead; GW - heptachlor epoxide, barium, and vanadium	1, 2, 4	CMS Investigation	CMS/SoB/CMI
3	60	Former Landfill at the Marina Located in the immediate area of the base marina. It was used as a landfill from approximately the 1940s to the 1960s, with piles of solid waste and scrap metal. The marina now covers most of the area, except for the portion of the site which consists of a level area described as estuarine intertidal scrub-shrub broad-leaved evergreen.	3	RFI	The primary contaminants detected in sediment, surface soil and subsurface soil samples are consistent with fuel and pesticide contamination. Groundwater does not appear impacted by previous site activities. Phase 1 RFI work plan required. Phase 1 RFI work plan approved by the EPA. Phase 1 RFI investigation has been completed and the Final Phase I RFI Report submitted to EPA on 7/22/11.	Soil - metals; Sediments - metals, pesticides, and PAHs	1, 2, 4 and No Disturbance of Adjacent Wetlands	RFI Investigation	Implement RFI and follow on work
3	67	Former Gas Station Located on the east side of Langley Drive north of the tennis courts in a level area covered with secondary growth vegetation. Records reviews identified a amall building on the site as a gas station. During site inspections, a concrete pad and building foundation were observed north of the tennis courts within the woods. This building foundation contained an area where suspected previous vehicle maintenance was performed. No UST was identified. There were no signs of stressed vegetation abserved during ithe investigation.	3	RFI	Subsurface soil and groundwater samples were collected and analyzed to characterize the site. The organic compounds detected are typical of those associated with fuel and solvent use. The Consent Order required submittal of a Phase 1 RFI work plan which was subsequently approved by EPA. Phase I RFI investigation has been completed and the Final Phase I RFI Report submitted to EPA on 6/2/11.	GW - vanadium and mercury	1, 2, 4	RFI Investigation	Implement RFI and follow on work

# Table 2 Naval Activity Puerto Rico Sale Parcel III and Science Park FOSL Solid Waste Management Units and Areas of Concern Summary and Status Page 3 of 4

Parcel	SWMU No.	Description	CERFA *	RCRA Status	Investigation and Remedial Action Summary and Status	Media Alfected / Key Contaminants	Site Specific Land Use Controls	Current RCRA Phase	Romaining Work Required
3	70	Disposal Area Northwest of Landfill Located northwest of the current base landfill. It covers a large area of flat tand consisting of open areas and areas covered by secondary growth vegetation. The central and southern portions of the site are classified as wetlands. Aerial photography identified a disposal area with disturbed ground, debris, a cleared or graded area, and stressed vegetation with containers discarded in a vegetated area north. During the site inspection and Investigation, numerous piles of construction debris were observed but drums or evidence of stains or stressed vegetation and/or solid weste disposal site, including potential disposal of POL or hazardous materials containers.	3	RFI	Surface soil, groundwater, surface water and co-located sediment samples were collected to characterize the site. Analytes delected are consistent with its use as a former disposal area. The Consent Order required submittal of a Phase 1 RFI work plan. EPA approved the work plan. Phase I RFI Investigation completed in 2009. Full RFI Work Plan prepared and field work initiated on 5/16/11.	Soil - arsenic, chromium, zinc; GW - indeno(1,2,3- col)pyrene, vanadium; Sediments -sitver, copper, tin	1, 2, 4 and No Disturbance of Adjacent Wetlands	RFI Investigation	Implement RFI and follow on work
Airfield, Ports, 3	74	Fuel Pipelines and Hydrant Pits On the Subject Property, this site consists of specific portions of the JP-5 fuel pipeline, and the alroralt hydrant refueling pits. In 1995, an evaluation of the Integrity of specific portions of the base POL system identified a leak at a JP-5 fuel time value pit between Hanger 200 and the main runway. Interviews indicated that numerous small spills and leaks of jet fuel have occurred at the alroralt hydrant refueling pits since they went into operation in the early 1960s.	3	CIMS	ECP Phase I/II sample locations indicating contaminant releases associated with this SWMU on the Subject Property were Valve Pit 8 and USTs 381, 1084 and 1086. The Navy submitted a CMS Work Plan to complete site characterization and the CMS. The work plan includes additional characterization along the underground fuel lines in the Subject Property. Phase I of the CMS Investigation was conducted in April, May, and June 2008. Report on the findings of Phase I of the CMS Investigation completed in 2010 identified areas needing further study in Phase II of the CMS Investigation. The Phase I investigation Work Plan was approved 3/24/11, and field work initiated 4/18/11 at Fueling Piers, 4/26/22 at JP-5 Hil/DFM Area, 5/16/11 at Alrifield Area, and 7/5/11 at SWMU 9 A/B Area. SWMU 9 C Area remains to be investigated.	Soil, GW - fuel related compounds	1. 2. 4	CMS Investigation	CMS/SoB/CMI
Federal	77	Active Small Arms Range Active and historic small arms range and former open buming/open detonation (OB/OD) area located on the peninsula at Punta Medio Mundo. Range locations have periodically moved throughout the peninsula since its first use. Review of historic records and interviews indicate that the SWMU was used for munitions disposal or detonation and as a small arms range.	3	Phase t RFI for three potential OB/OD sites and small arms range closure	This sill as still an active small arms range and original reuse called for transfer to the Department of Homeland Security (DHS) for continued operation as a range. However DHS has declined future ownership and the range will be closed by the Navy. EPA has required in the Consent Order that following closure of the small arms range, a Phase 1 RFI will be performed for the three potential OB/OD sites, as well as closure of the small arms range. Phase I RFI field work was implemented in May 2010, and the Phase I RFI Report was approved by EPA on 4/28/11. The Full RFI Work Plan is currently being developed.	Soll - Metals, nitro- glycerine; subsurface anomalles; additionel COPCs to be determined during Full RFI.	1. 2, 4	RFI Investigation	Implement RFI and follow on work
3	78	Transformer Storage Pad Located off of Hollandia St, near the intersection of Forrestai Dr and Valley Forge Rd. The suspected release is associated with a raised concrete curbed pad that is currently storing approximately 25 (non- PCB) transformers. The concrete pad was not present in aerial photographs of NAPR as tate as 1995. The pad has a concrete berm surrounding the perimeter that acts as secondary containment. A valve is installed in the berm to allow the drainage of accumulated rainwater. Standing water, with a slight oily sheen, was observed in the bermed area and on the concrete pad. A small area (approximately 10 feet by 3 feet) of stained soil and stressed vegetation was observed at the discharge of the drainage valve.	NA	RFI	Soil appears to be the media primarily impacted by the release, based on existing information. Constituents associated with transformer detectric fluid (reported to be mineral oil), including total recoverable petroleum hydrocarbons and PCBs, are likely the potential chamicals of concern. It should be noted that all PCB-contaminated transformers and equipment were removed from NSRR prior to 1998 except for one remaining PCB-containing transformer located in Building 386 (which is not on the Subject Property). The Phase I RFI has been completed, a Full RFI Work Plan approved, and field work for the Full RFI initiated 4/26/11.	Soll - PAHs, TPH- DRO, Metals	1, 2, 4	RFI Investigation	Implement RFI and follow on work
Science Park	AOC F (MNA 124)	Site of 4 former USTs (Bidg 124) One of seven former UST sites and one current AST site that comprise the AOC F monitored natural attenuation (MNA) sites at NAPR. After the removal of the USTs and the subsequent investigations and reports, the sites were recommended for remedial action by MNA with separate protocols for each site, including soil sampling and/or groundwater sampling on a quarterly or annual basis depending upon the site.	3	MNA	Submitted MNA Work Plan to EPA October 9, 2007. EPA contingently approved the MNA Work Plan April 10, 2008. The first round of sampling under the new work plan was conducted in May 2008. The final report was submitted to the EPA November 21, 2008. A revision to the work plan was completed following the first round of sampling and submitted to the EPA in August 2008. The Revised Final II MNA Work Plan was submitted to EPA on 5/16/11. The Year 9, Second Quarter sampling event was completed in August 2011. Long-term quarterly groundwater monitoring is ongoing.		1, 2, 4	MNA monitoring	Continuation of MNA monitoring program in accordance with MNA Work Plan

# Table 2 Naval Activity Puerto Rico Sale Parcel III and Science Park FOSL Solid Waste Management Units and Areas of Concern Summary and Status Page 4 of 4

Parcel	SWMU No.	Description	CERFA *	RCRA Status	Investigation and Remedial Action Summary and Status	Media Affected / Key Contaminants	Site Specific Land Use Controls	Current RCRA Phase	Remaining Work Required
3	AOC F (MNA 1738)	Site of Four Former USTs (Bldg 1738) One of seven former UST sites and one current aboveground storage tank (AST) site that comprise the AOC F MNA sites at NAPR. After the removal of the USTs and the subsequent investigations and reports, the sites were recommended for remedial action by MNA with separate protocols for each site, including soil sampling and/or groundwater sampling on a quarterly or annual basis depending upon the site.		MINA	Submitted MNA Work Plan to EPA October 9, 2007. EPA contingently approved the MNA Work Plan April 10, 2008. The first round of sampling under the new work plan was conducted in May 2008. The final report was submitted to the EPA November 21, 2008. A revision to the work plan was completed following the first round of sampling and submitted to the EPA in August 2008. The Revised Final II MNA Work Plan was completed in August 2011. Long-term quarterly groundwater monitoring is ongoing. The Navy received EPA comments on the Draft MTBE Treatability Study Work Plan on 6/10/11.		1, 2, 4	MNA monitoring	Continuation of MNA monitoring program in accordance with MNA Work Plan; implement MTBE treatability study
3	AOC F (MNA 2842B)	Site of 1 former UST (Bidg 2842) One of seven formar UST sites and one current AST site that comprise the AOC F MNA sites at NAPR. After the removal of the USTs and the subsequent investigations and reports, the sites were recommended for remedial action by MNA with separate protocols for each site, including soil sampling and/or groundwater sampling on a quarterly or annual basis depending upon the site,	3	MNA	Submitted MNA Work Plan to EPA October 9, 2007. EPA contingently approved the MNA Work Plan April 10, 2008. The first round of sampling under the new work plan was conducted in May 2008. The final report was submitted to the EPA November 21, 2008. A revision to the work plan was completed following the first round of sampling and submitted to the EPA in August 2008. The Revised Final II MNA Work Plan was submitted to EPA on 5/16/11. The Year 9, Second Quarter sampling event was completed in August 2011. Long-term quarterly groundwater monitoring is ongoing.		1, 2, 4	MNA monitoring	Continuation of MINA monitoring program in accordance with MNA Work Plan
	*CERF/	A categories:				1			
		RFA Clean - areas where no release or disposal of hazardous	substance	s or netrol	aum products or their derivatives has occurred		_		
-		Actions Complete - areas where the release, disposal, or mig					100000		
_		itional Action Required - Areas where a confirmed or suspect							
_	J-Muu	indonal Action Required - Aleas where a continued of suspec	AGG TOPCAS	a, dispusa	, ingradori, or solide combination mereor, or		_		
	Land Ik	se Controls			and and all a second		_		
-		-Residential Use Only						-	
-		and/or Sediment: Access and/or Invasive Activity Restriction	_						
_		ace Water: Access and/or Use Restriction					_		
		undwater: Use and Well Installation Restriction							
_	4-010	undwater. Cas and Wai mataliadon resultation			(145) 2 (145) 538		-	100 C	
	Acrony	ms and Abbreviations							
	AOC	Area of Concern		LUC	Land Use Control				
	AST	Aboveground Storage Tank		MCL	Maximum Contaminant Level				
	BERA	Baseline Ecological Risk Assessment		MNA	Monitored Natural Attenuation				
	CAC	Corrective Action Complete determination		MTBE	Methyl Tertiary Butyl Ether				
		Community Environmental Response Facilitation Act		NA	Not Applicable				
	CMI	Corrective Measures Implementation		OB/OD	Open Burning/Open Detonation				
	CMS	Corrective Measures Study		PAH	Polynuclear Aromatic Hydrocarbon				
-	COC	Chemical of Concern		PC8	Polychlorinated Biphenyl				
	COPC	Chemical of Potential Concern		POL	Petroleum, Oils and Lubricants				
_	DHS	Department of Homeland Security	1000	PWD	Public Works Department				
_	DRMO	Defense Reutilization Marketing Office		RBC	Risk-Based Concentration		a series	-	
_	DRO	Diesel Range Organics		RCRA	Resource Conservation and Recovery Act		S		
_	ECP	Environmental Condition of Property		RFI	RCRA Facility Investigation				
	EPA	Environmental Protection Agency		So8	Statement of Basis				
_	ERA	Ecological Risk Assessment		SVOC	Semi-Volatile Organic Compound				
_	ICM	Interim Corrective Measure		SWMU	Solid Waste Management Unit				
	IM	Interim Measure		TPH	Total Petroleum Hydrocarbons		and the second s		
	JP-5	Jet Propulsion Fuel		UST	Underground Storage Tank				-
_	GRO	Gasoline Range Organics		VOC	Volatile Organic Compound			-	
	GW	Groundwater	-	VSI	Visual Site Inspection				

#### Table 3 Naval Activity Puerto Rico Sale Parcel III and Science Park FOSL OWS, AST and UST List

Number	Туре	Location or User	Capacity	Material Stored	Year Installed	Year Removed
212/213		Bulk Fuel (DFM) Storage Tanks (within SWMU 9)	Capacity	material Stored	Installeu	Removed
2345		Garbage Truck Washrack				
1090 A	AST	Fuels Division; near marina	2,500	Diesel		
1090 A	AST	MWR, near marina	1,500	Mogas		
1090 D	AST	MWR, near marina	500	Mogas		-
124A	UST	Gas Filling Station east of Bldg. 31	2,500	Diesel	1996	NA
124A 124B	UST	Gas Filling Station east of Bldg. 31	6,000	Mogas	1996	NA
124D	UST	Gas Filling Station east of Bldg. 31	6,000	Mogas	1996	NA
212	UST	Behind Fire Station, Bldg. 798 (within SWMU 9)	50.000	Diesel/Empty	1940	NA
213	UST	Behind Fire Station, Bldg. 798 (within SWMU 9)	50,000	Mogas/Empty	1940	NA
214	UST	Behind Fire Station, Bldg. 798 (within SWMU 9)	248,000	Diesel/Empty	1941	NA
215	UST	Behind Fire Station, Bldg. 798 (within SWMU 9)	245,000	Diesel/Empty	1941	NA
216	UST	Behind Telephone Cable Hut, Bldg. 233 (within SWMU 9	245,000	Diesel/Empty	1941	NA
217	UST	Behind Telephone Cable Hut, Bldg. 233 (within SWMU 9	247,000	Waste Oil/Empty	1941	NA
38A	Former UST	Building 38, Old Power Plant (SWMUs 11/45)	50,000	Bunker C	-	Closed In Place
38B	Former UST	Building 38, Old Power Plant (SWMUs 11/45)	50,000	Bunker C	-	Closed In Place
	Former UST	Former Vehicle Maintenance and Refueling Area - Buildings 377, 2344, and 2345 (SWMU 59) - unknown number and disposition	-			
124A	Former UST	Bldg 124 (AOC F)	2,000	Mogas		1996
124B	Former UST	Bldg 124 (AOC F)	5,000	Mogas	•	1996
124C	Former UST	Bldg 124 (AOC F)	5,000	Mogas		1996
124D	Former UST	Bldg 124 (AOC F)	550	Waste Oil		1998
1738 A	Former UST	Bldg. 1738 (AOC F)	10,000	Mogas	-	1995
1738 B	Former UST	Bldg. 1738 (AOC F)	550	Waste Oil		1995
1738 C	Former UST	Bldg. 1738 (AOC F)	10,000	Mogas	141	1995
1738 D	Former UST	Bldg. 1738 (AOC F)	10,000	Mogas	•	1995
2842B	Former UST	Bldg. 3188, Alfa Company Maintenance Building (AOC F	5,000	Diesel		1997

AOC Area of Concern

AST Aboveground Storage Tank DFM Diesel Fuel Marine

NA Not Applicable

MWR Morale, Welfare and Recreation

OWS Oil-Water Separator

SWMU Solid Waste Management Unit

UST Underground Storage Tank

Information not available or unknown -

## Table 4

# Naval Activity Puerto Rico Sale Parcel III and Science Park FOSL Asbestos-Containing Material Inspection Results

Facility #	Name	ACM Identified	Comments
38	OLD POWER PLANT (SWMU 11)	Unknown	Access Prohibited
124	GAS FILLING STATION	NI	
278	OIL DRUM STORAGE	NI	
377	GRND ELECTRONICS MAINT SHOP	Y	
394	TORPEDO SHOP/UNDERGROUND DEP	N	
396	GUARD SHELTER	N	
832	MISC STORAGE	N	
1720	PICNIC PAVILLION	N	
1724	YACHT CLUB	Y	
1726	TENNIS COURTS(LIGHTED)	NI	1
1730	MK-48 TORPEDO SHOP	N	
2015	TORPEDO PAINT SHOP	N	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1
2288	OPER HAZ/FLAMMABLE STORAGE	N	
2312	HAZ WASTE STGE BY B#2042	NI –	
2334	BOATHOUSE/MARINA	N	
2344	MWR CLUB STGE	N	
2345	MWR STGE BUILDING BY 377	N	
2377	MARINA	NI	

Notes:

Y = Yes N = No

NI = Not Inspected

Hazard = friable, accessible and damaged (FAD) asbestos-containing material (ACM)

Source: Final Asbestos Inspection Report for Naval Activity Puerto Rico, Ceiba, Puerto Rico

Exhibit F

**CERFA** Concurrence

# **CERFA** Identification of Uncontaminated Property Former Naval Station Roosevelt Roads, Puerto Rico

Accordingly, this CERFA Uncontaminated Property Report reflects final site categorizations that may differ from those presented in the Final ECP report.

In summary, all NAPR property not otherwise identified as sites belonging to Categories 2 or 3 are classified as "CERFA Clean" (i.e. uncontaminated) as defined in CERFA [§9620 (h)(4)(A)]. The bulk of the NAPR acreage is classified as such. Of the approximately 8,400 acres of NSRR property, about 7,000 acres have been identified as "CERFA Clean" (i.e., Category 1). Figure 1 depicts the results of this classification.

Included in the CERFA Clean classification are a total of 14 SWMUs. Ten of these SWMUs were identified by EPA in the 1994 RCRA Part B permit, and an additional four sites were identified by the ECP. All 14 of these sites were originally identified based on a suspected release or disposal activity, but subsequent investigations determined that no release or disposal activity occurred. EPA has indicated their concurrence with this determination in the draft §7003 Order on Consent by designating each of these sites as having achieved "corrective action complete without controls" designation. The SWMUs and ECP sites designated as CERFA Clean are SWMUs 5, 15, 20, 21, 22, 47, 48, 49, 50, 52, 63 (ECP 9), 64 (ECP 10), 65 (ECP 11), and 66 (ECP 12). These sites are presented in Table 1.

The remaining property has been classified as Category 2 or 3 and as such is not qualified for designation as CERFA Clean.

**Submitted** 

K. DAVID CRISWELL, P. E. BRAC Environmental Coordinator

4/27/06

## Concurrence

Concurrence with CERFA Identification of Uncontaminated Property is indicated by signature below. This concurrence applies only to the identification of "CERFA Clean" (i.e. uncontaminated) property, identified in this document as ECP Category 1.

Carlos Lopez Freytes, President Environmental Quality Board Commonwealth of Puerto Rico

8/11/06

Exhibit G

Asbestos-Containing Materials Acknowledgement Form

## ASBESTOS-CONTAINING MATERIALS HAZARD DISCLOSURE AND ACKNOWLEDGMENT FORM (NON-RESIDENTIAL STRUCTURES)

#### ASBESTOS WARNING STATEMENT

YOU ARE ADVISED THAT CERTAIN BUILDINGS WITHIN THE SALE PARCEL III AND SCIENCE PARK CARVE-OUT LEASE AREAS AT THE FORMER NAVAL STATION ROOSEVELT ROADS HAVE ASBESTOS-CONTAINING MATERIALS. INDIVIDUALS (WORKERS) MAY SUFFER ADVERSE HEALTH EFFECTS AS A RESULT OF INHALATION EXPOSURE TO ASBESTOS. THESE ADVERSE HEALTH EFFECTS INCLUDE ASBESTOSIS (PULMONARY FIBROSIS) AND MESOTHELIOMAS (BENIGN OR MALIGNANT TUMORS).

## **ACKNOWLEDGEMENT**

I acknowledge that:

- (1) I have read and understand the above-stated Asbestos Warning Statement.
- (2) I have received from the Government the following document(s): Phase I/II Environmental Condition of Property Report, Former Naval Station Roosevelt Roads, Ceiba, Puerto Rico, the Final Asbestos Inspection Report for Naval Activity Puerto Rico, Ceiba, Puerto Rico, and the Finding of Suitability to Lease, Revision 1, Carve-Outs Within Sale Parcel III and Science Park, Former Naval Station Roosevelt Roads, Ceiba, Puerto Rico representing the best information available to the Government as to the presence of and condition of asbestos-containing-materials hazards in the building covered by this Lease.
- (3) I understand that my failure to inspect or to become fully informed of the condition of all or any portion of the property offered will not constitute grounds for any claim or demand for adjustment or withdrawal of any bid or offer made after its opening or tender.
- (4) I understand that, upon execution of this Lease, I shall assume full responsibility for preventing future asbestos exposure by properly managing and maintaining or, as required by applicable federal, State, or local laws or regulations, for abating any asbestos hazard that may pose a risk to human health.

Lessee (or duly authorized agent)

Date

Exhibit H

Lead-Based Paint Hazard Advisory

.

## LEAD-BASED PAINT HAZARD DISCLOSURE AND ACKNOWLEDGEMENT FORM

#### LEAD WARNING STATEMENT

YOU ARE ADVISED THAT STRUCTURES CONSTRUCTED PRIOR TO 1978 MAY PRESENT EXPOSURE TO LEAD FROM LEAD-BASED PAINT THAT MAY PLACE YOUNG CHILDREN AT RISK OF DEVELOPING LEAD POISONING. LEAD POISONING IN YOUNG CHILDREN MAY PRODUCE PERMANENT NEUROLOGICAL DAMAGE. YOU ARE FURTHER ADVISED THAT LEAD POISONING ALSO POSES A PARTICULAR RISK TO PREGNANT WOMEN. WORKERS MAY ALSO SUFFER ADVERSE HEALTH EFFECTS FROM LEAD DUST AND FUME EXPOSURE

### ACKNOWLEDGEMENT

I acknowledge that:

- 1. I have read and understand the above stated Lead Warning Statement;
- 2. I have received from the Federal Government the following document(s): *Phase I/II Environmental Condition of Property Report, Former Naval Station Roosevelt Roads, Ceiba, Puerto Rico* and *Finding of Suitability to Lease, Revision 1, Carve-Outs Within Sale Parcel III and Science Park, Naval Activity Puerto Rico, Ceiba, Puerto Rico* representing the best information available to the Government as to the presence of Lead-Based Paint and Lead-Based Paint hazards for the buildings covered by this Lease;
- 3. I understand that my failure to inspect, or to become fully informed as to the condition of all or any portion of the property offered will not constitute grounds for any claim or demand for adjustment or withdrawal of any bid or offer made after its opening or tender; and
- 4. I understand that upon execution of this Lease, I shall assume full responsibility for preventing future lead exposure by properly managing and maintaining or, as required by applicable Federal, state, or local laws or regulations, for abating any lead-based paint hazard that may pose a risk to human health.

Lessee (or duly authorized agent)

Date

Exhibit I

Threatened and Endangered Species Conservation Measures

THREATENED AND ENDANGERED SPECIES CONSERVATION MEASURES—PARCEL 30

Common Name—Sale Conveyance—Sale Neighboring Parcel(s)—28, 29, 31

#### Yellow-shouldered Blackbird

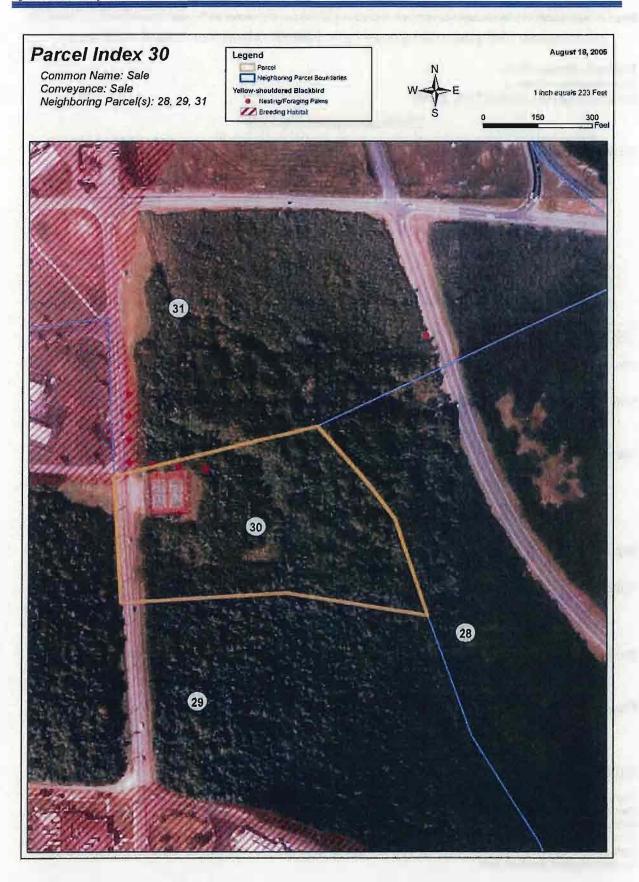
#### **GENERAL REQUIREMENTS**

- No development is allowed in Parcel 28 (Conservation).
- All development related activities (new construction, ground clearing, demolition/remodeling) adjacent to conservation parcels (28) should occur between September 1 and March 15 (nonbreeding season) or be restricted to an area 50 m from the parcel boundary from March 15-August 30 (breeding season).
- Notify USFWS if a yellow-shouldered blackbird nest is found anywhere on the property (787-851-7297).
- Pesticide and herbicide applications must follow Commonwealth of Puerto Rico regulations.

Activity	Conservation Measures
Development Planning	Save as many existing on site palms and trees as possible in new development plans.
Grounds Maintenance	No trimming or cutting of palms and trees between March 15 and August 30 except in an emergency (i.e., downed trees and palms from storms).
Property Sale/Lease	Notify buyer/lessee of all mitigation requirements (see above) and include mitigation with all legal documents.

#### NOTICE:

Consult with the U.S. Fish and Wildlife Service if you have any questions on the conservation measures. Property owners that cannot adhere to the conservation measures must consult with the U.S. Fish and Wildlife Service to seek a Section 10.0 permit for authorization to modify the identified critical habitat. Failure to comply with the identified conservation measures violates Section 9.0 and/or Section 10.0 of the Endangered Species Act. The U.S. Fish and Wildlife Service has the authority to prosecute violations under the Endangered Species Act.



Parcel Index 30-2

Threatened and Endangered

THREATENED AND ENDANGERED SPECIES CONSERVATION MEASURES—PARCEL 31

Common Name—Sale Conveyance—Sale Neighboring Parcel(s)—27-29, 33, 40

Yellow-shouldered Blackbird

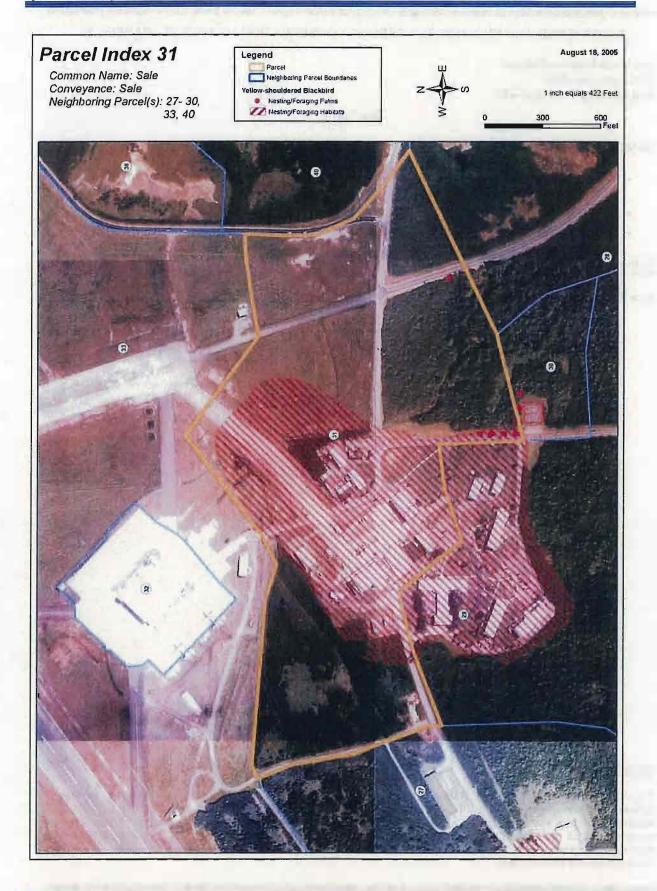
#### **GENERAL REQUIREMENTS**

- No development is allowed in Parcel 28 (Conservation).
- All development related activities (new construction, ground clearing, demolition/remodeling) adjacent to conservation parcels (28) should occur between September 1 and March 15 (nonbreeding season) or be restricted to an area 50 m from the parcel boundary from March 15-August 30 (breeding season).
- Notify USFWS if a yellow-shouldered blackbird nest is found anywhere on the property (787-851-7297).
- Pesticide and herbicide applications must follow Commonwealth of Puerto Rico regulations.

Activity	Conservation Measures
Development Planning	Save as many existing on site palms and trees as possible in new development plans.
New Construction/Clearing	If undeveloped yellow-shouldered blackbird habitat is proposed for clearing consult with USFWS a minimum of one year prior to planned project initiation.
Demolition/Remodeling	Schedule activity from September 1 through March 14 or conduct outdoor survey of building(s) (ledges, etc.) and nearby trees (within 50 m of the building) for yellow-shouldered blackbird nests prior to start date if the development activity is scheduled to occur between March 15 and August 30. Consult with USFWS if a yellow-shouldered blackbird nest is found.
Grounds Maintenance	No trimming or cutting of palms and trees between March 15 and August 30 except in an emergency (i.e., downed trees and palms from storms).
Building Maintenance	Check for yellow-shouldered blackbird nests prior to any outdoor building maintenance activities between March 15 and August 30. Determine identity of any bird nest found. Notify and consult with USFWS if a yellow-shouldered blackbird nest is found.
General Operations	Before moving parked outdoor equipment (e.g., carts, vehicles) check for yellow-shouldered blackbird nests (March 15-August 30). Notify USFWS if a yellow-shouldered blackbird nest is located.
Property Sale/Lease	Notify buyer/lessee of all mitigation requirements (see above) and include mitigation with all legal documents.

#### NOTICE:

Consult with the U.S. Fish and Wildlife Service if you have any questions on the conservation measures. Property owners that cannot adhere to the conservation measures must consult with the U.S. Fish and Wildlife Service to seek a Section 10.0 permit for authorization to modify the identified critical habitat. Failure to comply with the identified conservation measures violates Section 9.0 and/or Section 10.0 of the Endangered Species Act. The U.S. Fish and Wildlife Service has the authority to prosecute violations under the Endangered Species Act.



Parcel Index 31-2

Threatened and Endangered

Common Name—Federal Conveyance—Fed Neighboring Parcel(s)—39

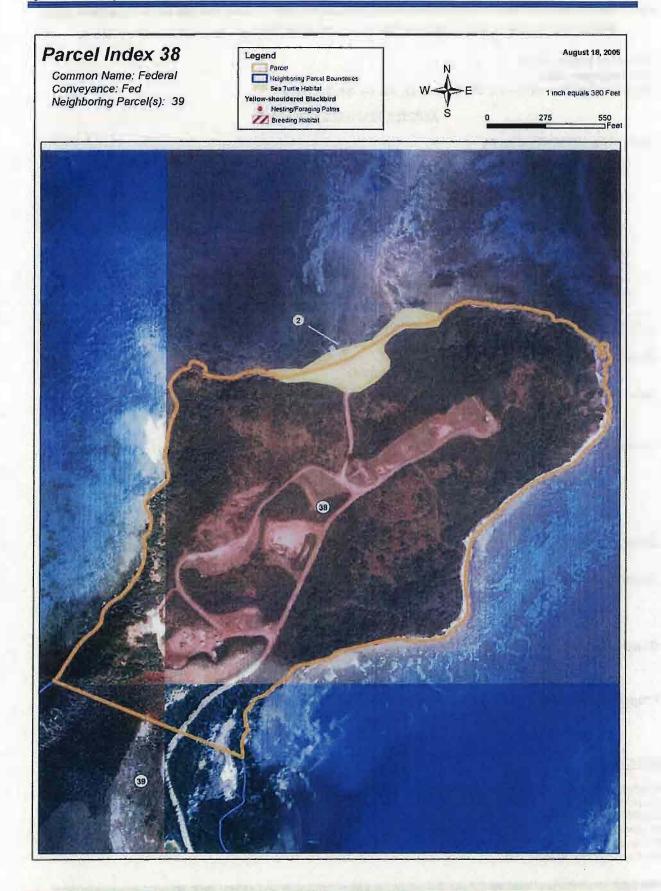
# Sea Turtle

# **GENERAL REQUIREMENTS**

- All applicable federal laws (e.g., Endangered Species Act, National Environmental Policy Act, Clean Water Act) remain in effect.
- Consult with the U.S. Fish and Wildlife Service regarding any development plans.
- Pesticide and herbicide applications must follow Commonwealth of Puerto Rico regulations.

Activity	Conservation Measures		
Beach Development/Use	Implement all USFWS and Puerto Rico DNER lighting standards/requirements (includes parcels bordering the nesting area).		
	Implement USFWS/ Puerto Rico DNER precautionary measures for s turtles before, during, and after USFWS has approved developm activities. Establish a 50 m buffer zone between any developed or undevelop site and the land edge of the sea turtle nesting beach.		

#### NOTICE:



Threatened and Endangered

# Common Name—Sale Conveyance—Sale Neighboring Parcel(s)—28, 31, 33, 39, 41, 43, 44, 48, 50, 52, 55

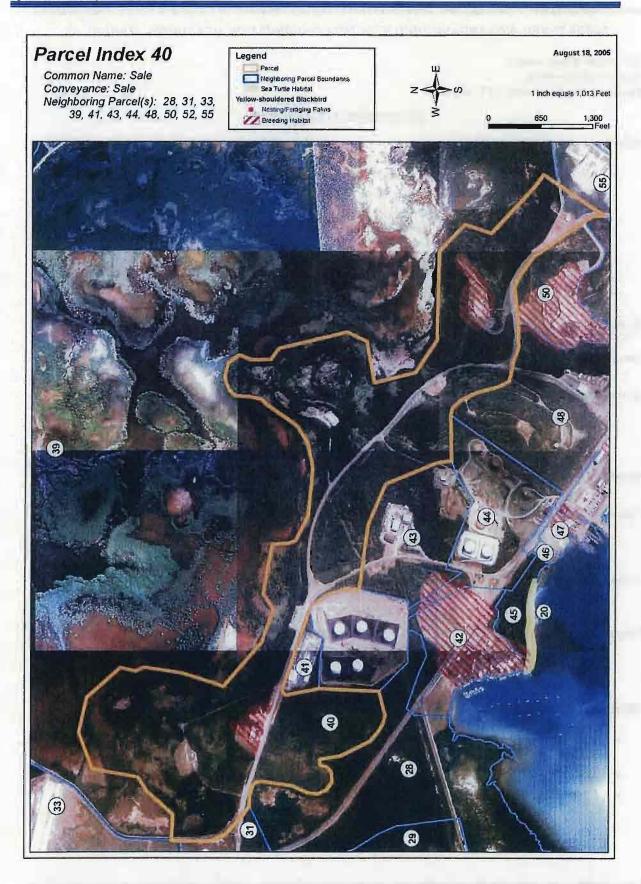
Yellow-shouldered Blackbird

## GENERAL REQUIREMENTS

- No development is allowed in Parcel 28 and 39 (Conservation).
- All development related activities (new construction, ground clearing, demolition/remodeling) adjacent to conservation parcels (28, 29) should occur between September 1 and March 15 (non-breeding season) or be restricted to an area 50 m from the parcel boundary from March 15-August 30 (breeding season).
- Notify USFWS if a yellow-shouldered blackbird nest is found anywhere on the property (787-851-7297).
- Pesticide and herbicide applications must follow Commonwealth of Puerto Rico regulations.

Activity	Conservation Measures	
Development Planning	Save as many existing on site palms and trees as possible in new development plans.	
New Construction/Clearing	If undeveloped yellow-shouldered blackbird habitat is proposed for clearing consult with USFWS a minimum of one year prior to planned project initiation	
Demolition/Remodeling	Schedule activity from September 1 through March 14 or conduct outdoor survey of building(s) (ledges, etc.) and nearby trees (within 50 m of the building) for yellow-shouldered blackbird nests prior to start date if the development activity is scheduled to occur between March 15 and August 30. Consult with USFWS if a yellow-shouldered blackbird nest is found.	
Grounds Maintenance	No trimming or cutting of palms and trees between March 15 and August 30 except in an emergency (i.e., downed trees and palms from storms).	
Building Maintenance	Check for yellow-shouldered blackbird nests prior to any outdoor building maintenance activities between March 15 and August 30. Determine identity of any bird nest found. Notify and consult with USFWS if a yellow-shouldered blackbird nest is found.	
General Operations	Before moving parked outdoor equipment (e.g., carts, vehicles) check for yellow-shouldered blackbird nests (March 15-August 30). Notify USFWS if a yellow-shouldered blackbird nest is located.	
Property Sale/Lease	Notify buyer/lessee of all mitigation requirements (see above) and include mitigation with all legal documents.	

#### NOTICE:



Threatened and Endangered

## Common Name—Sale Conveyance—Sale Neighboring Parcel(s)—28, 44, 45,

#### Yellow-shouldered Blackbird

## GENERAL REQUIREMENTS

- No development is allowed in Parcel 28 (Conservation).
- All development related activities (new construction, ground clearing, demolition/remodeling) adjacent to conservation parcels (28) should occur between September 1 and March 15 (nonbreeding season) or be restricted to an area 50 m from the conservation parcel boundary from March 15-August 30 (breeding season).
- Notify USFWS if a yellow-shouldered blackbird nest is found anywhere on the property (787-851-7297).
- Pesticide and herbicide applications must follow Commonwealth of Puerto Rico regulations.

Activity	Conservation Measures	
Development Planning	Save as many existing on site palms and trees as possible in new development plans.	
Demolition/Remodeling	Schedule activity from September 1 through March 14 or conduct outdoor survey of building(s) (ledges, etc.) and nearby trees (within 50 m of the building) for yellow-shouldered blackbird nests prior to start date if the activity is scheduled to occur between March 15 and August 30. Consult with USFWS if a yellow-shouldered blackbird nest is found.	
Grounds Maintenance	No trimming or cutting of palms and trees between March 15 and August 30 except in an emergency (i.e., downed trees and palms from storms).	
Building Maintenance	Check for yellow-shouldered blackbird nests prior to any outdoor building maintenance activities between March 15 and August 30. Determine identity of any bird nest found. Notify and consult with USFWS if a yellow-shouldered blackbird nest is found.	
General Operations	Before moving outdoor equipment (e.g., carts, vehicles) check for yellow- shouldered blackbird nests from March 15-August 30. Notify USFWS if a yellow-shouldered blackbird nest is located.	
Property Sale/Lease	Notify buyer/lessee of all mitigation requirements (see above) and include mitigation with all legal documents.	

#### Sea Turtle

#### **GENERAL REQUIREMENTS**

- Consult with U.S. Fish and Wildlife Service (USFWS) and Puerto Rico Department of Environmental Resources (DNER) on all beach use plans and permit requirements.
- Notify USFWS if you observe an injured or dead turtle anywhere on the property (787-851-7297).
- Pesticide and herbicide applications must follow Commonwealth of Puerto Rico regulations.

Parcel Map for the Disposal of Naval Activity Puerto Rico

Activity	Conservation Measures			
Beach Development/Use	Implement all USFWS and Puerto Rico DNER lighting standards/requirements (includes parcels bordering the nesting area).			
	Implement USFWS/ Puerto Rico DNER precautionary measures for sea turtles before, during, and after development activities.			
	Establish a 50 m buffer zone between any developed or undeveloped site and the land edge of the sea turtle nesting beach.			

NOTICE:

Consult with the U.S. Fish and Wildlife Service if you have any questions on the conservation measures. Property owners that cannot adhere to the conservation measures must consult with the U.S. Fish and Wildlife Service to seek a Section 10.0 permit for authorization to modify the identified critical habitat. Failure to comply with the identified conservation measures violates Section 9.0 and/or Section 10.0 of the Endangered Species Act. The U.S. Fish and Wildlife Service has the authority to prosecute violations under the Endangered Species Act.

Parcel Index 42-2



Threatened and Endangered

Common Name—Sale Conveyance—Sale Neighboring Parcel(s)—40, 44

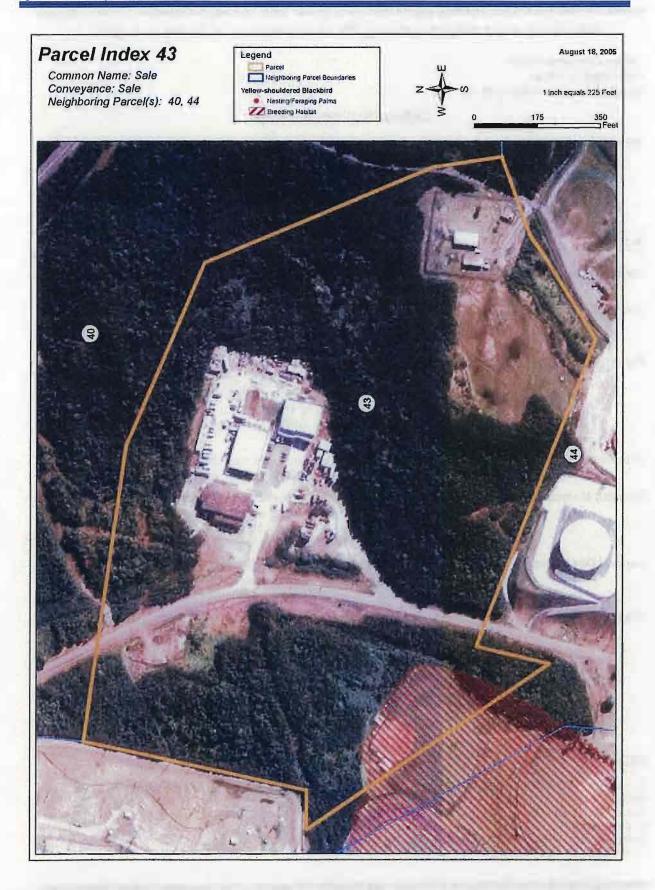
#### Yellow-shouldered Blackbird

# GENERAL REQUIREMENTS

- Notify USFWS if a yellow-shouldered blackbird nest is found anywhere on the property (787-851-7297).
- Pesticide and herbicide applications must follow Commonwealth of Puerto Rico regulations.

Activity	Conservation Measures	
Development Planning	Save as many existing on site palms and trees as possible in new development plans.	
New Construction/Clearing	If undeveloped yellow-shouldered blackbird habitat is proposed for clearing consult with USFWS a minimum of one year prior to planned project initiation.	
Demolition/Remodeling	Schedule activity from September 1 through March 14 or conduct outdoor survey of building(s) (ledges, etc.) and nearby trees (within 50 m of the building) for yellow-shouldered blackbird nests prior to start date if the development activity is scheduled to occur between March 15 and August 30. Consult with USFWS if a yellow-shouldered blackbird nest is found.	
Grounds Maintenance	No trimming or cutting of palms and trees between March 15 and August 30 except in an emergency (i.e., downed trees and palms from storms).	
Building Maintenance	Check for yellow-shouldered blackbird nests prior to any outdoor building maintenance activities between March 15 and August 30. Determine identity of any bird nest found. Notify and consult with USFWS if a yellow-shouldered blackbird nest is found.	
General Operations	Before moving parked outdoor equipment (e.g., carts, vehicles) check for yellow-shouldered blackbird nests (March 15-August 30). Notify USFWS if a yellow-shouldered blackbird nest is located.	
Property Sale/Lease	Notify buyer/lessee of all mitigation requirements (see above) and include mitigation with all legal documents.	

#### NOTICE:



Parcel Index 43-2

Threatened and Endangered

Common Name—Sale Conveyance—Sale Neighboring Parcel(s)—42, 44, 46

#### Yellow-shouldered Blackbird

#### GENERAL REQUIREMENTS

- No development is allowed in Parcel 1 and 5 (Conservation).
- All development related activities (new construction, ground clearing, demolition/remodeling) adjacent to conservation parcels (1, 5) should occur between September 1 and March 15 (nonbreeding season) or be restricted to an area 50 m from the parcel boundary from March 15-August 30 (breeding season).
- Notify USFWS if a yellow-shouldered blackbird nest is found anywhere on the property (787-851-7297).
- Pesticide and herbicide applications must follow Commonwealth of Puerto Rico regulations.

Activity	Conservation Measures	
Development Planning	Save as many existing on site palms and trees as possible in new development plans.	
New Construction/Clearing	If undeveloped yellow-shouldered blackbird habitat is proposed for clearing consult with USFWS a minimum of one year prior to planned project initiation.	
Grounds Maintenance	No trimming or cutting of palms and trees between March 15 and August 30 except in an emergency (i.e., downed trees and palms from storms).	
Property Sale/Lease	Notify buyer/lessee of all mitigation requirements (see above) and include mitigation with all legal documents.	

# <u>Sea Turtle</u>

## GENERAL REQUIREMENTS

- Consult with U.S. Fish and Wildlife Service (USFWS) and Puerto Rico Department of Environmental Resources (DNER) on all beach use plans and permit requirements.
- Notify USFWS if you observe an injured or dead turtle anywhere on the property (787-851-7297).
- Pesticide and herbicide applications must follow Commonwealth of Puerto Rico regulations.

Activity	Conservation Measures	
Beach Development/Use	Implement all USFWS and Puerto Rico DNER lighting standards/requirements (includes parcels bordering the nesting area).	
	Implement USFWS/ Puerto Rico DNER precautionary measures for sea turtles before, during, and after development activities. Establish a 50 m buffer zone between any developed or undeveloped site and the land edge of the sea turtle nesting beach.	

Parcel Map for the Disposal of Naval Activity Puerto Rico

#### NOTICE:

Consult with the U.S. Fish and Wildlife Service if you have any questions on the conservation measures. Property owners that cannot adhere to the conservation measures must consult with the U.S. Fish and Wildlife Service to seek a Section 10.0 permit for authorization to modify the identified critical habitat. Failure to comply with the identified conservation measures violates Section 9.0 and/or Section 10.0 of the Endangered Species Act. The U.S. Fish and Wildlife Service has the authority to prosecute violations under the Endangered Species Act.

Parcel Index 45-2



Parcel Index 45-4

Threatened and Endangered

# Common Name—Sale Conveyance—Sale Neighboring Parcel(s)—40, 44, 46, 47, 49, 50, 51

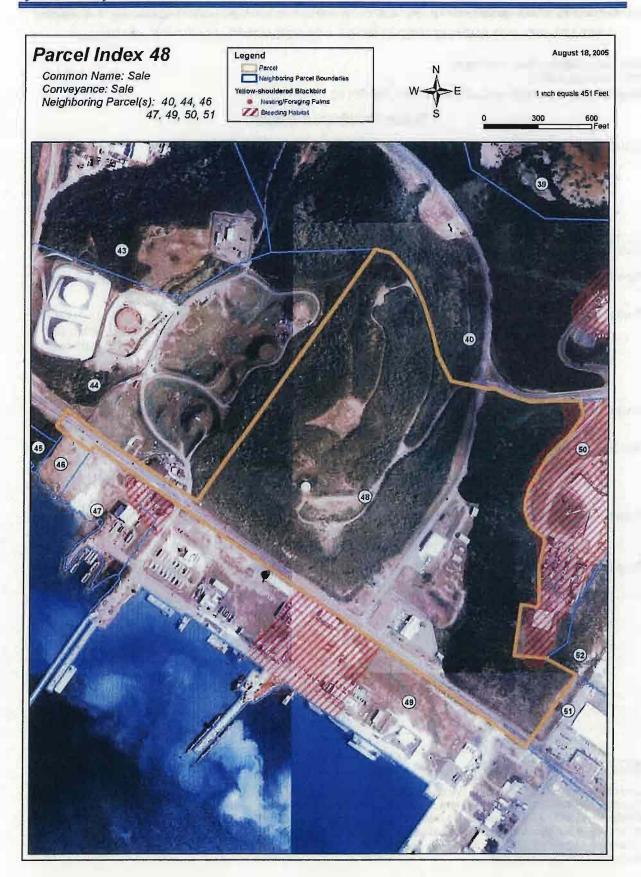
## Yellow-shouldered Blackbird

## **GENERAL REQUIREMENTS**

- Notify USFWS if a yellow-shouldered blackbird nest is found anywhere on the property (787-851-7297).
- Pesticide and herbicide applications must follow Commonwealth of Puerto Rico regulations.

Activity	Conservation Measures	
Development Planning	Save as many existing on site palms and trees as possible in new development plans.	
New Construction/Clearing	If undeveloped yellow-shouldered blackbird habitat is proposed for clearing consult with USFWS a minimum of one year prior to planned project initiation	
Grounds Maintenance	No trimming or cutting of palms and trees between March 15 and August 30 except in an emergency (i.e., downed trees and palms from storms).	
General Operations	Before moving parked outdoor equipment (e.g., carts, vehicles) check for yellow-shouldered blackbird nests (March 15-August 30). Notify USFWS if a yellow-shouldered blackbird nest is located.	
Property Sale/Lease	Notify buyer/lessee of all mitigation requirements (see above) and include mitigation with all legal documents.	

#### NOTICE:



Parcel Index 48-2

Threatened and Endangered

Common Name—Science Park Conveyance—EPC Neighboring Parcel(s)—40, 48, 50, 51, 53, 55, 59, 63

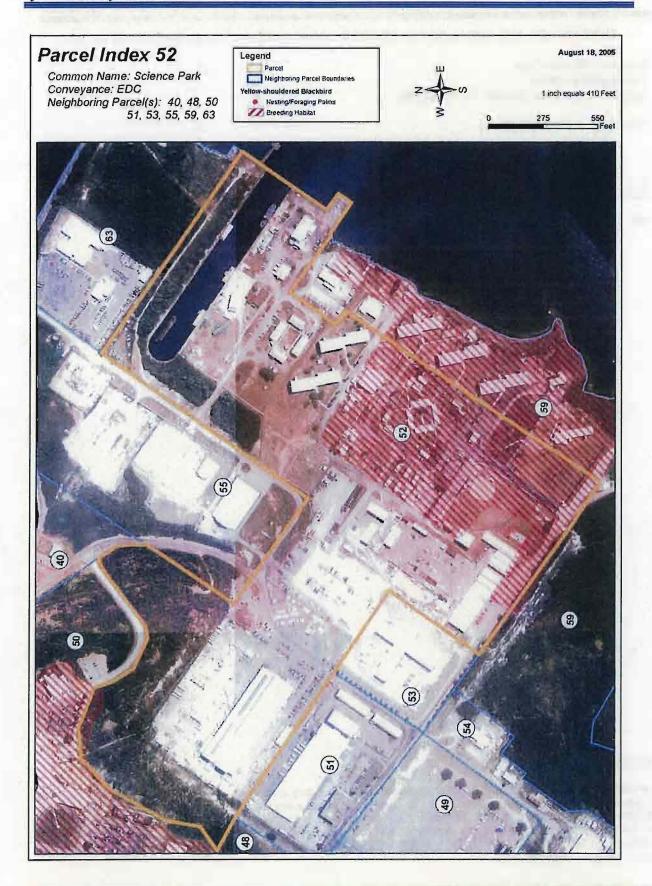
Yellow-shouldered Blackbird

## GENERAL REQUIREMENTS

- Notify USFWS if a yellow-shouldered blackbird nest is found anywhere on the property (787-851-7297).
- Pesticide and herbicide applications must follow Commonwealth of Puerto Rico regulations.

Activity	Conservation Measures	
Development Planning	Save as many existing on site palms and trees as possible in new development plans.	
Demolition/Remodeling	Schedule activity from September 1 through March 14 or conduct outdoor survey of building(s) (ledges, etc.) and nearby trees (within 50 m of the building) for yellow-shouldered blackbird nests prior to start date if the development activity is scheduled to occur between March 15 and August 30. Consult with USFWS if a yellow-shouldered blackbird nest is found.	
Grounds Maintenance	No trimming or cutting of palms and trees between March 15 and August 30 except in an emergency (i.e., downed trees and palms from storms).	
Building Maintenance	Check for yellow-shouldered blackbird nests prior to any outdoor building maintenance activities between March 15 and August 30. Determine identity of any bird nest found. Notify and consult with USFWS if a yellow-shouldered blackbird nest is found.	
General Operations	Before moving parked outdoor equipment (e.g., carts, vehicles) check for yellow-shouldered blackbird nests (March 15-August 30). Notify USFWS if a yellow-shouldered blackbird nest is located.	
Property Sale/Lease	Notify buyer/lessee of all mitigation requirements (see above) and include mitigation with all legal documents.	

## NOTICE:



Parcel Index 52-2

Threatened and Endangered

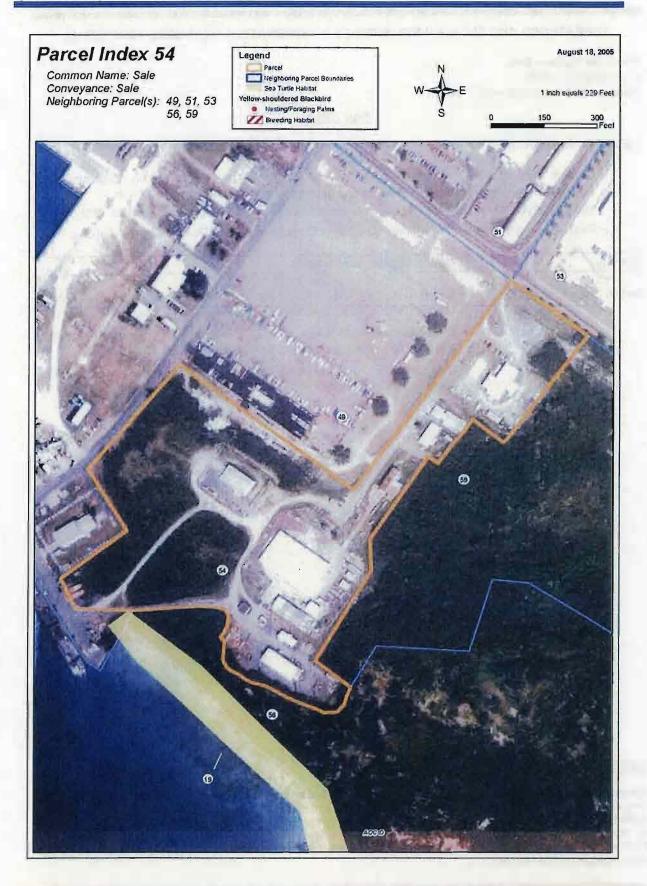
Common Name-Sale Conveyance—Sale Neighboring Parcel(s)-49, 51, 53, 56, 59

#### **GENERAL REQUIREMENTS**

No Requirements

Activity	Conservation Measures	
NA	NA	

## NOTICE:



Parcel Index 54-2

Threatened and Endangered

Common Name—Sale Conveyance—Sale Neighboring Parcel(s)—49, 54, 59

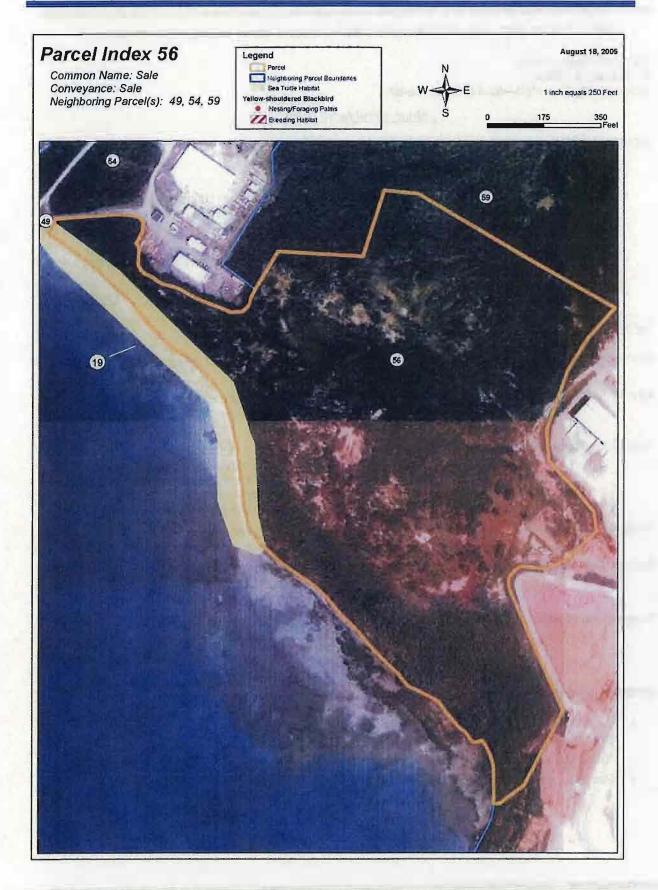
### Sea Turtle

# GENERAL REQUIREMENTS

- Consult with U.S. Fish and Wildlife Service (USFWS) and Puerto Rico Department of Environmental Resources (DNER) on all beach use plans and permit requirements
- Notify USFWS if you observe an injured or dead turtle anywhere on the property (787-851-7297).
- Pesticide and herbicide applications must follow Commonwealth of Puerto Rico regulations.

Activity	Conservation Measures	
Beach Development/Use	Implément all USFWS and Puerto Rico DNER lighting standards/requirements (includes parcels bordering the nesting area).	
	Implement USFWS/ Puerto Rico DNER precautionary measures for se turtles before, during, and after development activities. Establish a 50 m buffer zone between any developed or undevelope site and the land edge of the sea turtle nesting beach.	

# NOTICE:



Parcel Index 56-2

Threatened and Endangered

## Common Name—Sale Conveyance—Sale Neighboring Parcel(s)—52-54, 56-58, 60-62

#### Yellow-shouldered Blackbird

# **GENERAL REQUIREMENTS**

- No development is allowed in Parcel 58 (Conservation)
- All development related activities (new construction, ground clearing, demolition/remodeling) adjacent to conservation parcels (58) between September 1 and March 15 (non-breeding season) or be restricted to an area 50 m from the conservation parcel boundary from March 15-August 30 (breeding season).
- Notify USFWS if a yellow-shouldered blackbird nest is found anywhere on the property (787-851-7297).
- Pesticide and herbicide applications must follow Commonwealth of Puerto Rico regulations.

Activity	Conservation Measures	
Development Planning	Save as many existing on site palms and trees as possible in new development plans.	
New Construction/Clearing	If undeveloped yellow-shouldered blackbird habitat is proposed for clearing consult with the USFWS a minimum of one year prior to planned project initiation.	
Demolition/Remodeling	Schedule activity from September 1 through March 14 or conduct outdoor survey of building(s) (ledges, etc.) and nearby trees (within 50 m of the building) for yellow-shouldered blackbird nests prior to start date if the activity is scheduled to occur between March 15 and August 30. Consult with USFWS if a yellow-shouldered blackbird nest is found.	
Grounds Maintenance	No trimming or cutting of palms and trees between March 15 and August 30 except in an emergency (i.e., downed trees and palms from storms).	
General Operations	Before moving parked outdoor equipment (e.g., carts, vehicles) check for yellow-shouldered blackbird nests (March 15-August 30). Notify USFWS if a yellow-shouldered blackbird nest is located.	
Property Sale/Lease	Notify buyer/lessee of all mitigation requirements (see above) and include mitigation with all legal documents.	

#### Sea Turtle

#### GENERAL REQUIREMENTS

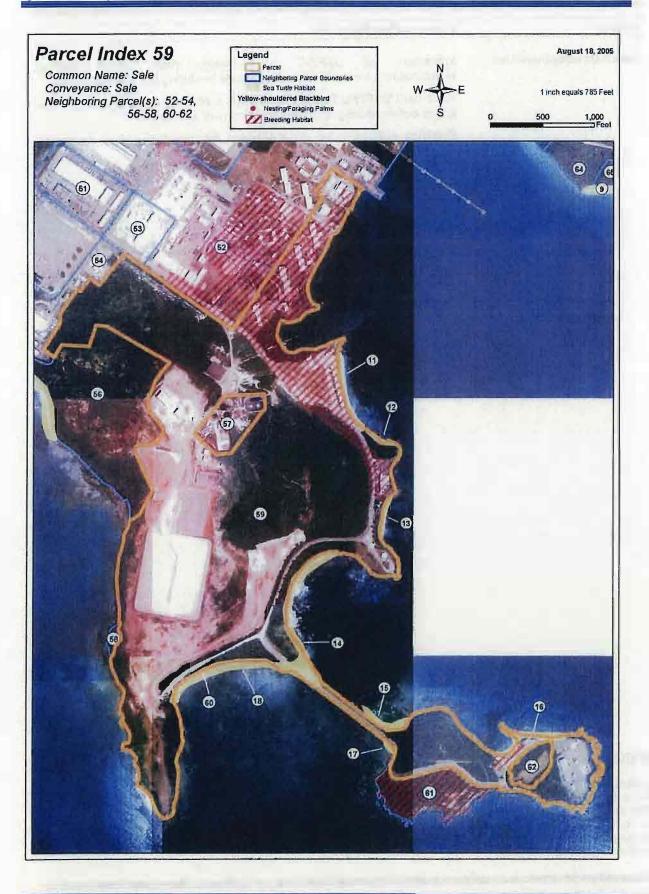
- Consult with U.S. Fish and Wildlife Service (USFWS) and Puerto Rico Department of Environmental Resources (DNER) on all beach use plans and permit requirements.
- Notify USFWS if you observe an injured or dead turtle anywhere on the property (787-851-7297).
- Pesticide and herbicide applications must follow Commonwealth of Puerto Rico regulations.

Parcel Map for the Disposal of Naval Activity Puerto Rico

Activity Beach Development/Use	Conservation Measures									
	Implement standards/re	all quire	USFWS ments (inclu		Puerto rcels bord	Rico ering the		lighting area).		
	Implement USFWS/ Puerto Rico DNER precautionary measures for sea turtles before, during, and after development activities.									
	Establish a 50 m buffer zone between any developed or undeveloped site and the land edge of the sea turtle nesting beach.									

# NOTICE:

Parcel Map for the Disposal of Naval Activity Puerto Rico



Threatened and Endangered

Common Name—Conservation Conveyance—PBC Neighboring Parcel(s)—59

## Sea Turtle

## GENERAL REQUIREMENTS

- Consult with U.S. Fish and Wildlife Service (USFWS) and Puerto Rico Department of Environmental Resources (DNER) on all beach use plans and permit requirements.
- Notify USFWS if you observe an injured or dead turtle anywhere on the property (787-851-7297).
- Pesticide and herbicide applications must follow Commonwealth of Puerto Rico regulations.

Activity	Conservation Measures									
Beach Development/Use	Implement all USFWS and Puerto Rico DNER lighting standards/requirements (includes parcels bordering the nesting area).									
	Implement USFWS/ Puerto Rico DNER precautionary measures for sea turtles before, during, and after development activities.									
	Establish a 50 m buffer zone between any developed or undeveloped site (parcel 59) and the land edge of the sea turtle nesting beach.									

## NOTICE:

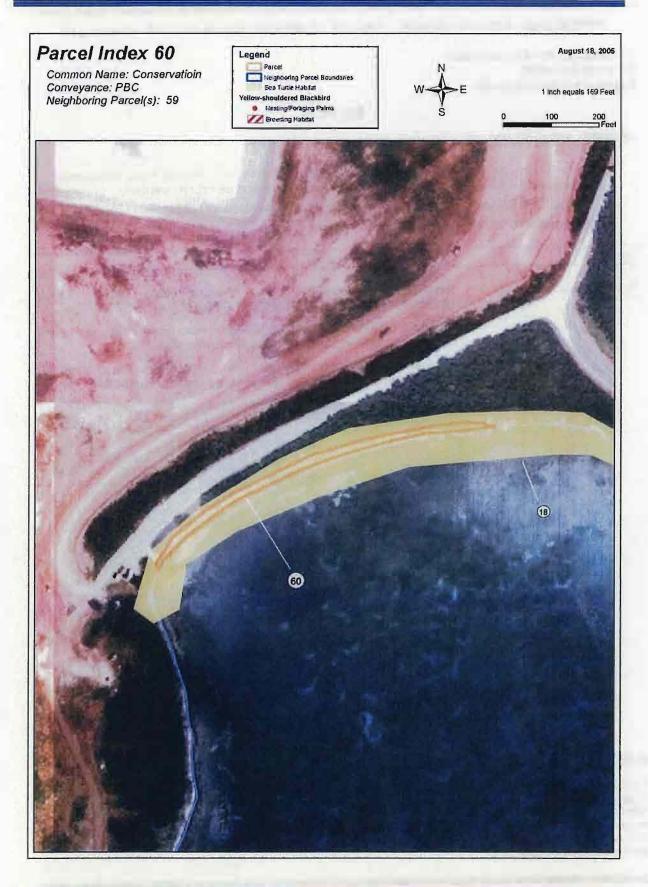


Exhibit J

CERCLA Hazardous Substance Notice and Response Action Summary

#### Naval Activity Puerto Rico Sale Parcel III and Science Park FOSL CERCLA Hazardous Substance Notice/Response Action Summary

The table below identifies those hazardous substances that it is known, based upon a complete search of agency files, were stored for one year or more in quantilies greater than or equal to 1,000 kg (or greater than or equal to 1 kg if designated an acutely hazardous waste under 40 CFR Part 261.30) and/or were released or disposed of on the property to be transferred in quantities greater than or equal to their respective reportable quantities under 40 CFR 302.4. The information in this notice is required under the authority of regulations promutgated under Section 120(h) of the Comprehensive Environmental Response, Compensation and Liability Act ("CERCLA" or "Superfund"), 42 U.S.C. Section 9620(h).

Bidg or Facility ID	Description	Substance Name	CAS Registry Number	40 CFR 302.4 Regulatory Synonyms	RCRA Hazardous Waste No.	Quantity Stored	Date of Storage	Quantity Released	Date of Release	Response Actions Taken
38	Old Power Plant	See SWMU 11								-
832	Torpedo Shop	See AOC A								
		HWAA - see SWMUs 17 & 18								
SWMU 3	Station Landfill	Arsenic	7440382		D004	Unknown	1960-1978	Unknown	1960-Present	
		Beryllium	7440417	Beryllium powder	Not assigned	Unknown	1960-1978	Unknown	1960-Present	
		Chromium	7440473	8	D007	Unknown	1960-1978	Unknown	1960-Present	
		Lead	7439921		D008	Unknown	1960-1978	Unknown	1960-Present	
		Selenium	7782492	-	D010	Unknown	1960-1978	Unknown	1960-Present	
		Mercury	7439976		U151, D009	Unknown	1960-1978	Unknown	1960-Present	
		Radium	Contraction of the second		Not assigned	Unknown	1960-1978	Unknown	1960-Present	
		Asbestos (friable)	1332214		Not assigned	Unknown	1962-1972	Unknown	1960-Present	
_		Sulfuric Acid	7664939		D002	Unknown	1960-1978	Unknown	1960-Present	
		Potassium Hydroxide	1310583		D002	Unknown	1960-1978	Unknown	1960-Present	
		Polychlorinated Biphenyls	1336363	Aroclors; PCBs	Not assigned	Unknown	1960-1978	Unknown	1960-Present	
		Waste solvents, cleaning solutions, POLs	-		Not applicable	2,500 gallons/year	1960-1973	2,500 gallons/year thru 1973	1960-Present	
		Automotive Batteries	-	-	D002/D008	2,300 batteries	1960-1973	2,300 batteries	1960-Present	
		Pesticides			Various	Unknown	1960-1978	Unknown	1960-Present	
		Paint wastes		-	Not	Unknown	1960-1978	Unknown	1960-Present	
		Photographic film and processing wastes			Not applicable	Unknown	Pre-1978	Unknown	1960-Present	
SWMU 9	Tank 212-217 Sludge Burial Pits	Lead	7439921		D008	Unknown	1940-1978	Unknown	1940-Present	
		Zinc	7440666		Not assigned	Unknown	1940-1978	Unknown	1940-Present	
		Toluene	108883	Benzene, methyl	F005, U220	Unknown	1940-1978	Unknown	1940-Present	
		Semi-volatile Organic Compounds		_	Various	Unknown	1940-1978	Unknown	1940-Present	-
		Leaded Fuel Studge		-	Unknown	34-53,000 gallons	1940-1978	34-53,000 gallons	1940-Present	
SWMU 11	PCB Storage Compound	Polychlorinated Biphenyls	1336363	Aroclors; PCBs	Not assigned	< 1,600 gailons	1956-1964	< 1,600 gallons	1956-1964	
SWMU 31	Waste Oil Collection Area - Buildings 31 and 2022	Waste oil, solvents, degreasers			Various	Unknown	Unknown	Unknown	Unknown	
SWMU 32	Battery Collection Area	Lead	7439921		D008	Unknown	Unknown	Unknown	Unknown	
	(PWD Storage Yard)	Sulfuric Acid	7664939		D002	Unknown	Unknown	Unknown	Unknown	
	PCB Spill Area	Polychlorinated Biphenyls	1336363	Araclors; PCBs		Unknown	1956-1964	1,600 gallons	1956-1964	Interim Measure - soil excavation in 1994 and backfilling of cooling water tunnel with concrete in 1996.
SWMU 57	Facility No. 278 POL Drum Storage Area	POLs and hazardous materials		-	Not applicable	Unknown	1950s-1990s	Unknown	Unknown	
	and Refueling Area	POLs and hazardous materials	-		Not applicable	Unknown	1940s - 1980s	Unknown	1940s - 1980s	-
SWMU 60	Former Landfill at the Marina	Possible hazardous wastes			Unknown	Unknown	1940s - 1960s	Unknown	1940s - 1960s	

#### Naval Activity Puerto Rico Sale Parcel III and Science Park FOSL CERCLA Hazardous Substance Notice/Response Action Summary

Bldg or Facility ID	Description	Substance Name	CAS Registry Number	40 CFR 302.4 Regulatory Synonyms	RCRA Hazardous Waste No.	Quantily Stored	Date of Storage	Quantity Released	Date of Release	Response Actions Taken
SWMU 67	Former Gas Station	POLs and hazardous materials			Not applicable	Unknown	1950s - ?	Unknown	Unknown	
SWMU 70	Disposal Area Northwest of Landfill	Possible hazardous wastes			Unknown	Unknown	1976-1983	Unknown	1976-1983	

Exhibit K

**Responses to Regulatory Agency Comments** 



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY REGION 2 290 BROADWAY NEW YORK; NY 10007-1866

SEP 2 1 2011

CERTIFIED MAIL RETURN RECEIPT REQUESTED

Mr. Mark E. Davidson US Navy BRAC PMO SE 4130 Faber Place Drive Suite 202 North Charleston, SC 29405

Re: Naval Activity Puerto Rico (NAPR), formerly Naval Station Roosevelt Roads, EPA I.D. Number PRD2170027203

Draft Finding of Suitability to Lease (POSL). Carve-outs Within Sale Parcel III and Science Park, Revision 1, dated September 2011

Dear Mr. Davidson:

This letter is addressed to you as the Navy's designated project coordinator pursuant to the January 29, 2007 RCRA Administrative Order on Consent ("the Consent Order") between the United States Environmental Protection Agency (EPA) and the U.S. Navy (the Navy).

EPA Region 2 has completed its review of the above listed document, which revises the April 2009 Final Finding of Suitability to Lease (FOSL), Sale Parcel III-Forrestal. EPA by letter dated March 5, 2009 had commented on the 2009 FOSL. The revised Draft FOSL was submitted to EPA and the Puerto Rico Environmental Quality Board (PREQB) on behalf of the Navy by Mr. Lawson Anderson's (of Tetra Tech NUS Inc.) letter of September 15, 2011.

EPA has the following comments on the revised Draft FOSL:

1) In Section 2.0 (Description of Property), for AOC F, Site of Four Former USTs (USTs 124 A-D; Building 124); please confirm that the approximately 1.2 acre area indicated for this site includes the full extent of the subsurface contaminant plumes as well as the well locations being monitored under the approved MNA Work Plan. Also, please confirm the same regarding the "Land Use Control Arca" shown for this site on Figure 41 of Exhibit C (SWMU and AOC Carve Out Maps).

2) In Section 4.0 (Environmental findings), Subsection B (Petroleum contamination): after the last paragraph, EPA requests that the Navy add a statement noting that because MTBE has been found in the groundwater at Site 1738, in addition to the approved MNA plan, as requested by

EPA, the Navy is currently developing a separate remediation plan for the MTBE contamination present at site 1738. (Note - Even though Subsection B is in regards to Petroleum contamination, the constituent MTBE is typically an additive to petroleum fuels, and thus the MTBE contamination at site 1738 is most likely related to releases of petroleum fuels).

3) In Section 4.0 (Environmental findings), Subsection D (Other Environmental Aspects), in the last sentence of the first paragraph of Subsection 1 (Munitions and Explosives of Concern), please modify the last sentence to read "...an RFI is currently being performed for three potential OB/OD sites, several potential munitions burial trenches, and the small arms and rifle ranges." (Note - the text shown in bold is the recommended new text to be added to the sentence.)

4) Exhibit B (Vicinity Maps), the figure labeled Sale Parcel III, does not include the "Land Use Control Area" for SWMU 45 in the green areas indicated to be Sale Parcel III Lease Areas. Please correct this figure.

5) Exhibit C (SWMU and AOC Carve Out Maps): Please clarify whether on Figure 9 (SWMU 11 Controlled Land Use), the "Land Use Control Area" shown includes the entire area/foot-print of Building 38 (the former Power Plant), as there appears to be some discrepancy in Figure 9 between the "Land Use Control Area" and the foot-print on the building's northeast side.

Please revise the Draft FOSL to addresses the above comments, and submit two hard copies and two CDs of the Final FOSL to EPA NY and one hard copy and 1 CD to Mr. Carl A. Soderberg of EPA's Puerto Rico office. If you have any questions, please telephone me at (212) 637-4167.

Sincerely yours,

Jemothy K. Sordan

Timothy R. Gordon Project Coordinator Corrective Action and Special Projects Section RCRA Programs Branch

cc: Ms. Wilmarie Rivera, P.R. Environmental Quality Board Mr. Lawson Anderson, Tetra Tech NUS Inc. Mr. David Criswell, U.S. Navy, BRAC PMO Mr. Felix Lopez, USF&WS



# COMMONWEALTH OF PUERTO RICO Office of the Governor Environmental Quality Board

PUERTO RICO VERDE

ENVIRONMENTAL EMERGENCIES RESPONSE AREA

September 20, 2011

Mr. Mark E. Davidson U.S. Navy BRAC PMO SE 4130Faber Place Driver, Suite 202 North Charleston, SC 29405

# RE: Technical Review of the Draft Finding of Suitability to Lease (FOSL), Carve-Outs within the Sale Parcel III and Science Park, Revision 1, Naval Activity Puerto Rico, Ceiba, Puerto Rico (NAPR)

Dear Mr. Davison:

The Puerto Rico Environmental Quality Board (PREQB) has completed its review of the Draft Finding of Suitability to Lease (FOSL), Carve-Outs within Sale Parcel III and Science Park, Revision 1, Naval Activity Puerto Rico, Ceiba, Puerto Rico, dated September 2011. Our comments are provided in the attachment.

If you have any additional questions or comments, please contact me at (787) 767-8181, extension 6129

Cordially,

Wilmarie Rivera

Federal Facilities Coordinator Environmental Emergencies Response Area

cc: Gloria M. Toro Agrait, EQB Hazardous Waste Permits Division

# Review Draft Finding of Suitability to Transfer, Revision 1 Carve-Outs within Sale Parcel III and Science Park Naval Activity Puerto Rico, Ceiba EPA ID No. PR2170027203

# **General Comments:**

1. The document should made clear distinction between land use control (LUC) to be placed as part of the lease deed. It is EQB understanding that there are LUCs that should be placed during the corrective action process to avoid disturbances to the 14 carve-out sites. The previously mentioned LUCs are different from the ones that are placed when a Corrective Action with Controls is achieved at some sites. The last one is the one accepted when the maximum achievable clean-up is reach.

# Specific Comments:

- 1. <u>Page 1, Section 1.0, Second Paragraph, Third Sentence:</u> Please include the Order on Consent reference number.
- 2. <u>Page 6, Section 4.0A</u>: There are 13 SWMUs listed inside parenthesis and the paragraph stated that the subject property includes 14 RCRA SWMUs. It should be revised since there are 13 SWMUs and 1 AOC (grouping several sites). Or include AOC F at this section.
- 3. <u>Page 7, Section 4.0B, Third Paragraph</u>: Please include the MtBE Investigation being carried at AOC F Site 1738.
- 4. <u>Page 9, Section 4.0D.4, Last Paragraph</u>: The document state that due to the age of the majority of facilities and size of the former Naval Station, it is possible that PCB-Contaminated fluorescent lights ballast and other minor PCBs sources may be present...". As presented for the ACM and the Lead-Based Paint, what would be the step forward regarding PCBs once the Subject Property be leased.
- 5. <u>Page 11, Section 5.0B, Last Sentence</u>: Please revise the reference to Exhibit I to Exhibit J.

1

# EPA Comments

EPA has the following comments on the revised Draft FOSL:

 in Section 2.0 (Description of Property), for AOC F, Site of Four Former USTs (USTs 124 A-D; Building 124); please confirm that the approximately 1.2 acre area indicated for this site includes the full extent of the subsurface contaminant plumes as well as the well locations being monitored under the approved MNA Work Plan. Also, please confirm the same regarding the "Land Use Control Area" shown for this site on Figure 41 of Exhibit C (SWMU and AOC Carve Out Maps).

**Response:** The 1.2-acre area of the site includes the full extent of the contaminant plumes as well as the monitoring well locations, as does Figure 41 in Exhibit C.

2) in Section 4.0 (Environmental findings), Subsection B (Petroleum contamination): after the last paragraph, EPA requests that the Navy add a statement noting that because MTBE has been found in the groundwater at Site 1738, in addition to the approved MNA plan, as requested by EPA, the Navy is currently developing a separate remediation plan for the MTBE contamination present at site 1738. (Note - Even though Subsection B is in regards to Petroleum contamination, the constituent MTBE is typically an additive to petroleum fuels, and thus the MTBE contamination at site 1738 is most likely related to releases of petroleum fuels).

**Response:** The suggested edit has been made. The end of the last paragraph of Section 4.0, Subsection B now reads, "Long-term quarterly groundwater monitoring is ongoing, and the Year 9, Second Quarter sampling event was completed in August 2011. Because MTBE has been found in the groundwater at AOC F - Site 1738, a separate remediation plan for the MTBE contamination is currently under development."

3) In Section 4.0 (Environmental findings), Subsection D (Other Environmental Aspects), in the last sentence of the first paragraph of Subsection 1 (Munitions and Explosives of Concern), please modify the last sentence to read "....an RFI is currently being performed for three potential OB/OD sites, several potential munitions burial trenches, and the small arms and rifle ranges." (Note - the text shown in bold is the recommended new text to be added to the sentence.)

Response: The text has been modified as requested.

4) Exhibit B (Vicinity Maps), the figure labeled Sale Parcel III, does not include the "Land Use Control Area" for SWMU 45 in the green areas indicated to be Sale Parcel III Lease Areas. Please correct this figure.

**Response:** The figure has been corrected as requested.

5) Exhibit C (SWMU and AOC Carve Out Maps): Please clarify whether on Figure 9 (SWMU 11 Controlled Land Use), the "Land Use Control Area" shown includes the entire area/foot-print of Building 38 (the former Power Plant), as there appears to be some discrepancy in Figure 9 between the "Land Use Control Area" and the foot-print on the building's northeast side.

**Response:** Figure 9 in Exhibit C has been revised so that the "Land Use Control Area" now includes the entire area/foot-print of Building 38.

# **EQB** Comments

# **General Comments:**

1. The document should made clear distinction between land use control (LUC) to be placed as part of the lease deed. It is EQB understanding that there are LUCs that should be placed during the corrective action process to avoid disturbances to the 14 carve-out sites. The previously mentioned LUCs are different from the ones that are placed when a Corrective Action with Controls is achieved at some sites. The last one is the one accepted when the maximum achievable clean-up is reach.

**Response:** The first sentence of Section 5.0, Subsection D (Land and Groundwater Restrictions) has been modified to state, "To prevent unacceptable risks to human health and the environment <u>during the lease period</u>,...", and the following sentence has been added to the end of the last paragraph of this subsection, "Any land use controls required after the completion of all necessary remedial actions will be outlined in the FOSTs and transfer deeds for the carve-out areas. EPA and EQB will be afforded the opportunity to review these documents prior to execution."

### **Specific Comments:**

1. Page 1, Section 1.0, Second Paragraph, Third Sentence: Please include the Order on Consent reference number.

Response: EPA Docket No. RCRA-02-2007-7301 has been added as requested.

2. Page 6, Section 4.0A: There are 13 SWMUs listed inside parenthesis and the paragraph stated that the subject property includes 14 RCRA SWMUs. It should be revised since there are 13 SWMUs and 1 AOC (grouping several sites). Or include AOC F at this section.

**Response:** SWMUs 11/45 have been separated in the list in parentheses so the total number of separate SWMUs equals 14 (SWMUs 3, 9, 11, 31, 32, 45, 57, 59, 60, 67, 70, 74, 77 and 78).

3. Page 7, Section 4.0B. Third Paragraph: Please include the MtBE Investigation being carried at AOC F Site 1738.

**Response:** The suggested edit has been made. The end of the last paragraph of Section 4.0B now reads, "Long-term quarterly groundwater monitoring is ongoing, and the Year 9, Second Quarter sampling event was completed in August 2011. Because MTBE has been found in the groundwater at AOC F - Site 1738, a separate remediation plan for the MTBE contamination is currently under development."

4. Page 9, Section 4.0D.4, Last Paragraph: The document state that due to the age of the majority of facilities and size of the former Naval Station, it is possible that PCB Contaminated fluorescent lights ballast and other minor PCBs sources may be present...". As presented for the ACM and the Lead-Based Paint, what would be the step forward regarding PCBs once the Subject Property be leased.

Response: The following notification will be included in the lease,

**Presence of PCBs:** The LESSEE acknowledges that fluorescent light fixture ballasts on the lease parcel may contain PCBs. Prior to beginning any maintenance, alterations, demolition, restoration, or construction work affecting fluorescent light fixtures, the LESSEE must determine if PCB ballasts are present. If present, PCB ballasts and/or fixtures must be disposed of properly at the LESSEE's expense, in accordance with all applicable Federal, State, and local laws and regulations.

5. Page 11, Section 5.0B, Last Sentence: Please revise the reference to Exhibit I to Exhibit J.

Response: The reference has been corrected as requested.



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY REGION 2 290 BROADWAY NEW YORK, NY 10007-1866

MAR 0 5 2009

CERTIFIED MAIL RETURN RECEIPT REQUESTED

Mr. David Criswell US Navy BRAC PMO SE 4130 Faber Place Drive Suite 202 North Charleston, SC 29405

Re: Naval Activity Puerto Rico (NAPR), formerly Naval Station Roosevelt Roads, EPA I.D. Number PRD2170027203,

Draft Finding of Suitability to Lease (FOSL) Carve-Outs within Sale Parcel III

Dear Mr. Criswell:

The United States Environmental Protection Agency (EPA) Region 2 has received the Draft Finding of Suitability to Lease (FOSL) Carve-Outs within Sale Parcel III, transmitted to Mr. Timothy Gordon of EPA and to Ms. Wilmarie Rivera of the Puerto Rico Environmental Quality Board (PREQB), with your letter of February 25, 2009.

The FOSL covers approximately 382 acres in numerous non-contiguous areas carved out of the 963 acre Sale Parcel III, located in the developed waterfront area along the northeastern side of Ensenada Honda and on a peninsula on the southern side of Bahia de Puerca. The carve-out areas contain 12 Solid Waste Management Units (SWMUs) and portions of one Areas of Concern (AOC) which have corrective action work remaining to be completed under the January 2007 RCRA Administrative Order on Consent (the Consent Order).

EPA Region 2 has two comments on the Draft FOSL:

 A statement should be added to Section 1.0 (Purpose) indicating that until a corrective action complete determination has been approved by EPA for the SWMUs and AOCs located within the carved-out areas, the Navy will continue to be responsible for completion of any remaining corrective and/or remedial actions required for those SWMUs and AOCs, pursuant to the 2007 RCRA Consent Order. 2) A statement should be added to Section 5.0.D (Land and Groundwater Restrictions) indicating that upon completion of required corrective and/or remedial actions for any of the SWMUs and AOCs located within the carved-out areas, if a corrective action complete with controls determination is proposed by the Navy and approved by EPA, the Navy and/or the acquiring party of the Subject Property where the SWMUs and/or AOC are located will be responsible for maintaining all land use controls and/or other controls upon which that corrective action complete with controls determination was based.

In addition, as discussed previously in EPA's letter of January 6, 2009, if the U.S. Department of Homeland Security (DHS) is not going to acquire the SWMU 77 site, the provisions of the Consent Order allowing delayed submission of the RFI work plan until 90 days following DHS' cessation of usage of the area as a small arms training range, would no longer be applicable. Therefore, as previously indicated in EPA's January 6, 2009 letter, the Navy should submit a draft Phase I RFI work plan for SWMU 77 within 90 calendar days of its receipt of the January 2009 letter.

Once the FOSL has been revised and finalized, please submit two copies to my office. If you have any questions, please telephone Mr. Tim Gordon, of my staff, at (212) 637-4167.

Sincerely yours,

argeal

Dale Carpenter, Chief Resource Conservation and Special Projects Section RCRA Programs Branch

cc: Mr. Jaime Gonzalez, Puerto Rico Land Reuse Authority Ms. Wilmarie Rivera, P.R. Environmental Quality Board. Mr. Mark Kimes, Baker Environmental



COMMONWEALTH OF PUERTO RICO Office of the Governor Environmental Quality Board

March 25, 2009

Mr. David Criswell U.S. Navy BRAC PMO SE U.S. Environmental Protection Agency 4130 Faber Place Driver, Suite 202 North Charleston, SC 29405

Re: Draft Finding of Suitability to Lease (FOSL) Carve-Outs within Sale Parcel III Forrestal, Naval Activity Puerto Rico, Ceiba, Puerto Rico PR2170027203

Dear Mr. Criswell:

The Puerto Rico Environmental Quality Board (PREQB) has completed its review of the Draft Finding of Suitability to Lease (FOSL) Carve-Outs within Sale Parcel III – Forrestal, Naval Activity Puerto Rico, dated February 2009. PREQB has the following comments on the Draft FOSL:

- Page 9, fourth point documented that polychlorinated biphenyls (PCB) are key contaminants at SWMU 11, 45, and 78. The statement is inconclusive regarding the steps to remove or control PCBs contamination.
- Section 5.0 D Land and Groundwater Restrictions should include Institutional Controls to avoid access to the site, in addition to the land use control clauses. It is a recommended practice to install fences and visible signs to dissuade trespassers.
- A groundwater well survey of Parcel III (including all groundwater restrictions) should be submitted to the Department of Environmental and Natural Resources (DENR). DENR is the leading Agency regarding groundwater wells and water franchises and they should be aware of any groundwater restrictions during the corrective action activities and after considering the carved-out sites as corrective

Mr. David Criswell March 25, 2009 Page 2

action completed with or without controls. The information should be updated periodically, since the groundwater conditions on the SWMUs could impact future uses, specially considering the up-coming development of the property.

The contact person at DENR is Mr. Nelson Velázquez, Director of the Water Franchises, P.O. Box 9066600, San Juan, PR 00906-6600 A copy of this survey should be submitted to EPA and EQB.

If you have any questions or comments about our review, please contact me at (787) 767-8181, extension 6141

Cordially,

Wilmarie Rivera Ótero

Federal Facilities Coordinator

cc: Timothy Gordon, EPA Gloria Toro, EQB

# FINDING OF SUITABILITY TO LEASE CARVE-OUTS WITHIN SALE PARCEL III - FORRESTAL NAVAL ACTIVITY PUERTO RICO

# Navy Responses to U.S. Environmental Protection Agency (EPA) Region 2 and Puerto Rico Environmental Quality Board (EQB) Comments

## EPA Comment 1 of 2

A statement should be added to Section 1.0 (Purpose) indicating that until a corrective action complete determination has been approved by EPA for the SWMUs and AOCs located within the carved-out areas, the Navy will continue to be responsible for completion of any remaining corrective action and/or remedial actions required for those SWMUs and AOCs, pursuant to the 2007 RCRA Consent Order.

# Navy Response

The following text has been added to the second paragraph of Section 1.0:

Until a Corrective Action Complete determination has been approved by EPA for the SWMUs and AOCs located within the carve-out areas, the Navy will continue to be responsible for completion of any remaining corrective and/or remedial actions required for those SWMUs and AOCs, pursuant to the Consent Order.

# EPA Comment 2 of 2

A statement should be added to Section 5.0.D (Land and Groundwater Restrictions) indicating that upon completion of required corrective and/or remedial actions for any of the SWMUs and AOCs located within the carved-out areas, if a corrective action complete *with controls* determination is proposed by the Navy and approved by EPA, the Navy and/or the acquiring party of the Subject Property where the SWMUs and/or AOCs are located will be responsible for maintaining all land use controls and/or other controls upon which that corrective action complete *with controls* determination was based.

#### Navy Response

The following text has been added to the end of Section 5.0.D:

Upon completion of required corrective and/or remedial actions for any of the SWMUs and AOCs located within the carve-out areas, if a Corrective Action Complete With Controls determination is proposed by the Navy and approved by EPA, the Navy and/or the acquiring party of the Subject Property where the SWMUs and/or AOCs are located will be responsible for maintaining all land use controls and/or other controls upon which that Corrective Action Complete With Controls determination was based.

### EQB Comment 1 of 3

Page 9, fourth point documented that polychlorinated biphenyls (PCB) are key contaminants at SWMU 11, 45, and 78. The statement is inconclusive regarding the steps to remove or control PCBs contamination.

## Navy Response

The following text has been added to the PCB discussion:

Remediation of PCB-contamination at SWMUs 45 and 78 is ongoing under the RCRA corrective action program. Although the final disposition of the PCB contamination at SWMU 11 has not yet been determined, interim measures requiring site access restiction are being implemented under the RCRA Consent Order.

# EQB Comment 2 of 3

Section 5.0 D Land and Groundwater Restrictions should include Institutional Controls to avoid access to the site, in addition to the land use control clauses. It is recommended practice to install fences and visible signs to dissuade trespassers.

#### Navy Response

The Navy will remain in the area for several years completing environmental cleanup work, and will work with future property owners to provide levels of protection against land use control violations including inspections, education, and coordination with property owners and regulators. Furthermore, the Navy will review each individual site to determine what protections (e.g., fences and signage) are necessary for implementation of land use controls based on contaminant concentrations and proximity to receptors.

## EQB Comment 3 of 3

A groundwater well survey of Parcel III (including all groundwater restrictions) should be submitted to the Department of Environmental and Natural Resources (DENR). DENR is the leading Agency regarding groundwater wells and water franchises and they should be aware of any groundwater restrictions during the corrective action activities and after considering the carved-out sites as corrective action complete with or without controls. The information should be updated periodically, since the groundwater conditions on the SWMUs could impact future uses, especially considering the up-coming development of the property.

The contact person at DENR is Mr. Nelson Velázquez, Director of the Water Franchises, P.O. Box 9066600, San Juan, PR 00906-6600. A copy of this survey should be submitted to EPA and EQB.

#### Navy Response

The Navy will coordinate with EQB and DENR to determine the appropriate contents of a groundwater well survey. Also, the Navy will send a final copy of the report "Annual Land Use Control (LUC) Status Report - January 2009" to DENR and will provide copies of annual reports to DENR in the future.