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REMEDIAL ACTION ALTERNATIVES WAIVER REQUEST FOR SITE 351-1 NS MAYPORT FL
7/1/2012
TETRA TECH

Remedial Alternatives Analysis Waiver Request
Site 351-1
Naval Station Mayport
Jacksonville, Florida

Tetra Tech is pleased to submit a Remedial Alternatives Analysis (RAA) Waiver Request for Site 351-1 at Naval Station (NAVSTA) Mayport. This RAA Waiver Request was prepared for the United States Navy, Naval Facilities Engineering Command Southeast (NAVFAC SE) under Contract Task Order JM33 for the Comprehensive Long-term Environmental Action Navy Contract Number N62470-08-D-1001. The RAA Waiver is being requested so a Site 351-1 Remedial Action Plan Approval (RAPA)/Land Use Control (LUC) Implementation Plan (LUCIP) may be submitted to the Florida Department of Environmental Protection (FDEP).

SITE LOCATION

NAVSTA Mayport is located within the corporate limits of the city of Jacksonville, Duval County, Florida, approximately 12 miles to the northeast of downtown Jacksonville and adjacent to the town of Mayport. A Regional Area Map is provided as Figure 1. The Station complex is located on the northern end of a peninsula bound by the Atlantic Ocean to the east and the St. Johns River to the north. NAVSTA Mayport occupies the entire northern part of the peninsula except for the town of Mayport, which is located to the west between the Station and the St. Johns River.

SITE DESCRIPTION

Site 351-1 is located in the northeastern portion of NAVSTA Mayport as shown on Figure 2. Building 351-1 is one of the buildings that comprises the Fleet Training Facility and is primarily used as classrooms/offices and laboratory space. The source area for the current investigation is located north of the entrance to Building 351 in an area between Building 351 and Building 1388. The area between the two buildings is one of the main access points for personnel to walk between Building 351 and Building 1388. This access area is covered by a cement walk and an unpaved area that is occupied by large air conditioning units, flower beds, and grass covered areas. Currently, there are six monitoring wells at the site (see Figure 3).

SITE HISTORY

The focus of the environmental investigations at Site 351-1 centers on a below ground fuel oil distribution line that released fuel oil twice at similar locations, but at different times. The first leak occurred in 1999, and the second in late 2003 or early 2004; the exact date of the second release is not known. Monitoring was conducted, although not continuously, from 2003 to 2008. Free product was removed from February 2007 to May 2008 using peristaltic pump and petroleum sorbent socks.

The following documents were submitted to the FDEP in response to the fuel oil releases at Site 351-1:

<u>First Petroleum Release</u>

- Source Removal Report , Aerostar Environmental Services, Inc., August 1999
- First Site Assessment Report (SAR), Tetra Tech, January 2001
- SAR Addendum/Removal Action (RA), Tetra Tech, March 2003

<u>Second Petroleum Release</u>

- Replacement of Existing Fuel Lines and Day Tanks, Buildings 1388 and 351, J2 Engineering, November 2004
- Second SAR/RA, Tetra Tech, September 2007

- Quarterly Monitoring Reports, Tetra Tech, October 2003 to present day
- RAPA/LUCIP, Tetra Tech, May 2013

Originally, the site was referred to as Site 351, due to the site's proximity to Building 351. In an effort to differentiate from Site 351-2, a fuel release located approximately 125 feet to the east along the covered walkway between Buildings 351 and 1388, the name Site 351 was changed to Site 351-1. It should be noted that a RAA Waiver for a RAPA Order/LUCIP at Site 351-2 is also being proposed. The two groundwater plumes have not comingled.

Historical analytical results for soil and groundwater are provided in the Table 1 and Table 2, respectively. Free product thickness and recovered volumes are provided in Table 3.

Historically, groundwater at Site 351-1 flows to the north/northeast.

REQUEST FOR RAP APPROVAL ORDER

Based on site history and discussions conducted during NAVSTA Mayport Installation Restoration Partnering Team (Partnering Team) meetings, on behalf of NAVFAC SE, Tetra Tech has requested that the FDEP issue a RAPA Order that includes a LUCIP for Site 351-1. Mr. John Winters of the FDEP has approved the work conducted at the site and has agreed in pursuing a RAPA Order/LUCIP.

The RAPA Order/LUCIP request is based upon the agreement between with the FDEP and Navy that 1) soil impacts are present at Site 351-1 due to the smear zone of free product and 2) groundwater concentrations are less than FDEP Groundwater Cleanup Target Levels (GCTLs) based on February 14, 2008, and May 16, 2008, samples. Depth to groundwater is approximately 5.5 feet below land surface (bls). Existing monitoring wells that have never contained free product were used to establish the outer limits of the LUC area (see Figure 4). The LUC area is located between two large buildings and is largely under a concrete covered walk way attached to Building 1388.

Other site conditions that were included in discussions with the Partnering Team when deciding to request the RAPA Order/LUCIP included the presence of several utilities, close proximity to the covered concrete walk way of Building 1388, and the high foot traffic volume associated with this area. The level of effort to remove all soil in the smear zone impacted by free product against structural support columns, utilities, and the building was discussed relative the level of effort to remove or treat this small area of soil that is to be left in place. The decision was made to leave the soil in place and administratively apply Chapter 62-770, Florida Administrative Code, Risk Management Option IIA as the path forward. Soil impacts do not appear to be impacting the groundwater, and any soil removal effort would be more cost effective if and when the Navy intends to do large scale work such as removing or renovating Buildings 351 and 1388.

The top 3 feet of soil at Site 351-1 is not impacted allowing for subsurface intrusive activities and limiting site user exposure.

CONCLUSIONS

Multiple rounds of soil and groundwater sampling and monitoring of free product have been conducted at Site 351-1. Although groundwater sample analysis has recorded concentrations less than FDEP GCTLs for two sequential groundwater sampling events, soils impacted from free product smear zone remains present. Soil excavation efforts have removed impacts from the initial releases from land surface to a minimum of 3 feet bls, but have not addressed the impact of free product once present in the smear zone that was observed after assessments and the excavations were completed. Based on groundwater quality data, field observations, and depth to water measurements, monitoring wells MW01, MW02, MW04, and MW06 have not been impacted by free product and, thus, do not have smear zone issues.

Based on the information in this RAA Waiver Request for Site 351-1, it was requested that the FDEP grant a RAPA Order that includes a LUCIP, and that Site 351-1 be incorporated into the Basewide

Management Plan where institutional controls, engineering controls, and monitoring of free product form the corrective measures associated with this site. An inspector will evaluate site conditions on an annual basis documenting any changes in a letter to the FDEP.

Approval of the RAA Waiver is requested to facilitate the path forward in achieving the implementation of the RAPA Order/LUCIP at this site.

TABLES

TABLE 1
SOIL SUMMARY TABLE

LAND USE CONTROL REPORT, SITE 351-1
NAVAL STATION MAYPORT
JACKSONVILLE, FLORIDA

Location	**INDUSTRIAL SCTL**	**RESIDENTIAL SCTL**	**LEACHABILITY SCTL**	**MPT-351-1-SB02S**	**MPT-351-1-SB02S**	**MPT-351-1-MW05S**	**MPT-351-SB04**	**MPT-351-SB05**
Sample				351-SS-SB02-05	MPT-351-SB02	351-SS-SB05-05	MPT-351-SB04-03	MPT-351-SB05-03
Depth				5	-9999	5	3	3
Sample Date				5/24/2000	1/5/2007	5/24/2000	8/12/2005	8/12/2005
MISCELLANEOUS (%)								
PERCENT SOLIDS	NC	NC	NC	NM	NM	NM	95	94
TOTAL ORGANIC CARBON	NC	NC	NC	NM	NM	NM	NM	NM
SEMIVOLATILES (mg/kg)								
ANTHRACENE	300000000	21000000	2500000	0.024 J	0.00761 U	0.026 J	0.035 U	0.035 U
FLUORANTHENE	59000000	3200000	1200000	0.0052 U	0.00982 U	0.0055 U	0.035 U	0.035 U
VOLATILES (mg/kg)								
ACETONE	68000000	11000000	25000	0.006 J	NM	0.023 U	NM	NM
PETROLEUM (mg/kg)								
TOTAL PETROLEUM HYDROCARBONS	2700	460	340	9.8 J	21.2	36	52	**750**

Location	**INDUSTRIAL SCTL**	**RESIDENTIAL SCTL**	**LEACHABILITY SCTL**	**MPT-351-SB-07**	**MPT-351-1-SB07**	**MPT-351-1-SB08**	**MPT-351-1-SB09**	**MPT-351-1-SB10**
Sample				351-SS-SB07-05	MPT-351-1-SB07-03	MPT-351-1-SB08-03	MPT-351-1-SB09-03-0322	MPT-351-1-SB10-03
Depth				5	3	3	3	3
Sample Date				5/24/2000	3/22/2006	3/22/2006	3/22/2006	3/22/2006
MISCELLANEOUS (%)								
PERCENT SOLIDS	NC	NC	NC	NM	92	89	94	90
TOTAL ORGANIC CARBON	NC	NC	NC	5.4	NM	NM	NM	NM
SEMIVOLATILES (mg/kg)								
ANTHRACENE	300000000	21000000	2500000	0.025 J	NM	NM	NM	NM
FLUORANTHENE	59000000	3200000	1200000	0.0069	NM	NM	NM	NM
VOLATILES (mg/kg)								
ACETONE	68000000	11000000	25000	0.025 U	NM	NM	NM	NM
PETROLEUM (mg/kg)								
TOTAL PETROLEUM HYDROCARBONS	2700	460	340	11 U	15.9	18.8	18.3	290

Notes:
NC = no criteria
NM = not measured
J = The chemical was detected, but the concentartion reported is an estimated value.
U = The chemical was not detected.
Black cells indicate SCTL exceedance.

TABLE 2
GROUNDWATER SUMMARY TABLE

LAND USE CONTROL REPORT, SITE 351-1
NAVAL STATION MAYPORT
JACKSONVILLE, FLORIDA

SAMPLE IDENTIFICATION	CHAPTER 62-777 CTL GW-Table I	MPT-351-1-MW01S	MPT-351-1-MW01S	MPT-351-1-MW01S	MPT-351-1-MW01S	MPT-351-1-MW01S	MPT-351-1-MW01S	MPT-351-1-MW01S	MPT-351-1-MW01S	MPT-351-1-MW01S	MPT-351-1-MW01S	MPT-351-1-MW01S	MPT-351-1-MW01S
SAMPLE DATE		**6/14/2000**	**10/28/2002**	**8/2/2004**	**11/23/2004**	**1/18/2006**	**12/27/2006**	**2/13/2007**	**5/15/2007**	**8/15/2007**	**11/15/2007**	**2/14/2008**	**5/16/2008**
METALS (µg/L)													
LEAD	15	1.7 U	1.6 U	10 U	10 U	2.0 U	NA	NA	NA	NA	NA	NA	NA
Natural Attenuation Parameter													
SULFATE (mg/L) (1)	250	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SEMIVOLATILES (µg/L)													
1-METHYLNAPHTHALENE	28	2 U	1 U	0.50 U	0.50 U	0.1 U	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U	.06 I
2-METHYLNAPHTHALENE	28	2 U	1 U	0.50 U	0.50 U	0.1 U	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U	0.012
ACENAPHTHENE	20	1 U	1 U	0.10 U	0.10 U	0.1 U	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U
ACENAPHTHYLENE	210	1 U	1 U	0.10 U	0.10 U	0.1 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U
ANTHRACENE	2100	2 U	0.20 U	0.10 U	0.10 U	0.1 U	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U	.02 U
BENZO(A)ANTHRACENE	0.05	0.10 U	0.20 U	0.10 U	0.10 U	0.1 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U
BENZO(K)FLUORANTHENE	0.5	0.10 U	0.20 U	0.10 U	0.10 U	0.1 U	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U
FLUORANTHENE	280	0.10 U	0.20 U	0.10 U	0.10 U	0.1 U	0.01 U	0.01 U	0.01 U	0.03 U	0.03 U	0.03 U	.01 U
FLUORENE	280	1 U	0.20 U	0.10 U	0.10 U	0.1 U	0.02 U	0.02 U	0.02 U	0.05 U	0.05 U	0.05 U	.01 U
NAPHTHALENE	14	2 U	1 U	0.50 U	0.50 U	0.1 U	0.02 U	0.02 U	0.02 U	0.05 U	0.05 U	0.05 U	.04 I
PHENANTHRENE	210	1 U	0.20 U	0.10 U	0.10 U	0.1 U	0.02 U	0.02 U	0.02 U	0.04 U	0.04 U	0.04 U	.02 U
PYRENE	210	0.10 U	0.20 U	0.10 U	0.10 U	0.1 U	0.02 U	0.02 U	0.02 U	0.03 U	0.03 U	0.03 U	.009 U

SAMPLE IDENTIFICATION	CHAPTER 62-777 CTL GW-Table I	MPT-351-1-MW01S	MPT-351-1-MW01S	MPT-351-1-MW01S	MPT-351-1-MW01S	MPT-351-1-MW01S	MPT-351-1-MW01S	MPT-351-1-MW01S	MPT-351-1-MW01S	MPT-351-1-MW01S	MPT-351-1-MW01S	MPT-351-1-MW01S	MPT-351-1-MW01S
SAMPLE DATE		**6/14/2000**	**10/28/2002**	**8/2/2004**	**11/23/2004**	**1/18/2006**	**12/27/2006**	**2/13/2007**	**5/15/2007**	**8/15/2007**	**11/15/2007**	**2/14/2008**	**5/16/2008**
VOLATILES (µg/L)													
1,2,4-TRIMETHYLBENZENE	10	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
1,3,5-TRIMETHYLBENZENE	10	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
ACETONE	6300	2.1 J	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
BENZENE	1	1 U	1 U	1 U	1 U	1 U	0.2 U	0.2 U	0.20 U	0.2 U	0.2 U	0.23 U	.023 U
CIS-1,2-DICHLOROETHENE	70	0.50 U	1 U	1 U	NA	1 U	NA	NA	NA	NA	NA	NA	NA
ETHYLBENZENE	30	1 U	1 U	1 U	1 U	1 U	0.3 U	0.3 U	0.30 U	0.3 U	0.3 U	0.34 U	.034 U
METHANE	NC	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
N-PROPYLBENZENE	NC	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SEC-BUTYLBENZENE	NC	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
TETRACHLOROETHENE	3	1 U	1 U	3 U	NA	1 U	NA	NA	NA	NA	NA	NA	NA
TOLUENE	40	1 U	1 U	1 U	1 U	1 U	0.3 U	0.2 U	0.40 U	0.41 J	0.41 J	0.28 U	.028 u
TOTAL 1,2-DICHLOROETHENE	63	1 U	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
TOTAL XYLENES	20	1 U	3 U	NA	NA	NA	0.3 U	0.3 U	0.30 U	0.3 U	0.3 U	0.38 U	.038 U
TRICHLOROETHENE	3	1 U	1 U	1 U	NA	1 U	NA	NA	NA	NA	NA	NA	NA
PETROLEUM HYDROCARBONS (mg/L)													
TOTAL PETROLEUM HYDROCARBONS (1)	5	0.10 U	0.30 U	0.20 U	0.20 U	0.17 U	0.094 U	0.094 U	0.094 U	0.094 U	0.094 U	0.094 U	0.085 I

TABLE 2
GROUNDWATER SUMMARY TABLE

LAND USE CONTROL REPORT, SITE 351-1
NAVAL STATION MAYPORT
JACKSONVILLE, FLORIDA

SAMPLE IDENTIFICATION	CHAPTER 62-777 CTL GW-Table I	MPT-351-1-MW02S	MPT-351-1-MW02S	MPT-351-1-MW02S	MPT-351-1-MW02S	MPT-351-1-MW02S	MPT-351-1-MW02S	MPT-351-1-MW02S	MPT-351-1-MW02S	MPT-351-1-MW02S	MPT-351-1-MW02S	MPT-351-1-MW02S	MPT-351-1-MW02S
SAMPLE DATE		**6/14/2000**	**10/28/2002**	**8/2/2004**	**11/23/2004**	**1/18/2006**	**12/27/2006**	**2/13/2007**	**5/15/2007**	**8/15/2007**	**11/15/2007**	**2/14/2008**	**5/16/2008**
METALS (µg/L)													
LEAD	15	1.7 U	1.5 U	10 U	10 U	2.0 U	NA	NA	NA	NA	NA	NA	NA
Natural Attenuation Parameter													
SULFATE (mg/L) (1)	250	53	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SEMIVOLATILES (µg/L)													
1-METHYLNAPHTHALENE	28	2 U	1 U	0.50 U	0.50 U	0.1 U	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U	.06 I
2-METHYLNAPHTHALENE	28	2 U	1 U	0.50 U	0.50 U	0.1 U	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U	0.14
ACENAPHTHENE	20	1 U	1 U	0.10 U	0.10 U	0.1 U	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U
ACENAPHTHYLENE	210	1 U	1 U	0.10 U	0.10 U	0.1 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U
ANTHRACENE	2100	2 U	0.20 U	0.10 U	0.10 U	0.1 U	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U	.02 U
BENZO(A)ANTHRACENE	0.05	0.10 U	0.20 U	0.10 U	0.10 U	0.1 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U
BENZO(K)FLUORANTHENE	0.5	0.10 U	0.20 U	0.10 U	0.10 U	0.1 U	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U
FLUORANTHENE	280	0.10 U	0.20 U	0.10 U	0.10 U	0.1 U	0.01 U	0.01 U	0.01 U	0.03 U	0.03 U	0.03 U	.01 U
FLUORENE	280	1 U	0.20 U	0.10 U	0.10 U	0.1 U	0.02 U	0.02 U	0.02 U	0.05 U	0.05 U	0.05 U	.01 U
NAPHTHALENE	14	2 U	1 U	0.50 U	0.50 U	0.1 U	0.02 U	0.02 U	0.02 U	0.05 U	0.05 U	0.05 U	.03 U
PHENANTHRENE	210	1 U	0.20 U	0.10 U	0.10 U	0.1 U	0.02 U	0.02 U	0.02 U	0.04 U	0.04 U	0.04 U	.02 U
PYRENE	210	0.10 U	0.20 U	0.10 U	0.10 U	0.1 U	0.02 U	0.02 U	0.02 U	0.03 U	0.03 U	0.03 U	.009 U

SAMPLE IDENTIFICATION	CHAPTER 62-777 CTL GW-Table I	MPT-351-1-MW02S	MPT-351-1-MW02S	MPT-351-1-MW02S	MPT-351-1-MW02S	MPT-351-1-MW02S	MPT-351-1-MW02S	MPT-351-1-MW02S	MPT-351-1-MW02S	MPT-351-1-MW02S	MPT-351-1-MW02S	MPT-351-1-MW02S	MPT-351-1-MW02S
SAMPLE DATE		**6/14/2000**	**10/28/2002**	**8/2/2004**	**11/23/2004**	**1/18/2006**	**12/27/2006**	**2/13/2007**	**5/15/2007**	**8/15/2007**	**11/15/2007**	**2/14/2008**	**5/16/2008**
VOLATILES (µg/L)													
1,2,4-TRIMETHYLBENZENE	10	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
1,3,5-TRIMETHYLBENZENE	10	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
ACETONE	6300	1.1 J	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
BENZENE	1	1 U	1 U	1 U	1 U	1 U	0.2 U	0.2 U	0.20 U	0.2 U	0.2 U	0.23 U	.023 u
CIS-1,2-DICHLOROETHENE	70	0.50 U	1 U	1 U	NA	1 U	NA	NA	NA	NA	NA	NA	NA
ETHYLBENZENE	30	1 U	1 U	1 U	1 U	1 U	0.3 U	0.3 U	0.30 U	0.3 U	0.3 U	0.34 U	.034 u
METHANE	NC	9.6	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
N-PROPYLBENZENE	NC	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SEC-BUTYLBENZENE	NC	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
TETRACHLOROETHENE	3	1 U	1 U	3 U	NA	1 U	NA	NA	NA	NA	NA	NA	NA
TOLUENE	40	1 U	1 U	1 U	1 U	1 U	0.3 U	0.2 U	0.50 U	0.38 J	0.38 J	0.28 U	.028 u
TOTAL 1,2-DICHLOROETHENE	63	1 U	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
TOTAL XYLENES	20	1 U	3 U	NA	NA	NA	0.3 U	0.3 U	0.30 U	0.3 U	0.3 U	0.38 UJ	.038 U
TRICHLOROETHENE	3	1 U	1 U	1 U	NA	1 U	NA	NA	NA	NA	NA	NA	NA
PETROLEUM HYDROCARBONS (mg/L)													
TOTAL PETROLEUM HYDROCARBONS (1)	5	0.10 U	0.30 U	0.20 U	0.20 U	0.17 U	0.094 U	0.094 U	0.094 U	0.094 U	0.094 U	0.417	0.082 I

TABLE 2
GROUNDWATER SUMMARY TABLE

LAND USE CONTROL REPORT, SITE 351-1
NAVAL STATION MAYPORT
JACKSONVILLE, FLORIDA

SAMPLE IDENTIFICATION	CHAPTER 62-777 CTL GW-Table I	MPT-351-1-MW03S	MPT-351-1-MW03S	MPT-351-1-MW03S	MPT-351-1-MW03S	MPT-351-1-MW03S	MPT-351-1-MW03S	MPT-351-1-MW03S	MPT-351-1-MW04S	MPT-351-1-MW04S	MPT-351-1-MW04S	MPT-351-1-MW04S	MPT-351-1-MW04S
SAMPLE DATE		**6/14/2000**	**10/28/2002**	**8/2/2004**	**11/23/2004**	**1/18/2006**	**12/27/2006**	**2/13/2007**	**6/14/2000**	**10/28/2002**	**10/30/2003**	**3/15/2004**	**8/2/2004**
METALS (µg/L)													
LEAD	15	1.7 U	1.9 U	10 U	10 U	2.0 U	NA	NA	1.7 U	1.6 U	10 U	10 U	10 U
Natural Attenuation Parameter													
SULFATE (mg/L) (1)	250	52	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SEMIVOLATILES (µg/L)													
1-METHYLNAPHTHALENE	28	4.6 J	9.2	0.50 U	0.50 U	3.08	0.02 U	0.02 U	2 U	1 U	0.26	10 U	0.50 U
2-METHYLNAPHTHALENE	28	2.4 J	1.6 J	0.50 U	0.50 U	0.1 U	0.02 U	0.02 U	2 U	1 U	0.43	10 U	0.50 U
ACENAPHTHENE	20	1 U	0.98 J	0.39	0.45	0.36	0.02 U	0.02 U	1 U	1 U	0.10 U	10 U	0.10 U
ACENAPHTHYLENE	210	3	1 U	0.10 U	0.10 U	0.1 U	0.01 U	0.01 U	1.4	1.5	0.10 U	10 U	0.10 U
ANTHRACENE	2100	2 U	0.20 U	0.10 U	0.10 U	0.1 U	0.02 U	0.02 U	2 U	0.20 U	0.10 U	10 U	0.10 U
BENZO(A)ANTHRACENE	0.05	0.10 U	0.20 U	0.10 U	0.10 U	0.1 U	0.01 U	0.01 U	0.10 U	0.20 U	0.10 U	10 U	0.10 U
BENZO(K)FLUORANTHENE	0.5	0.10 U	0.20 U	0.10 U	0.10 U	0.1 U	0.02 U	0.02 U	0.10 U	0.20 U	0.10 U	10 U	0.10 U
FLUORANTHENE	280	0.10 U	0.20 U	0.10 U	0.10 U	0.1 U	0.01 U	0.01 U	0.10 U	0.20 U	0.10 U	10 U	0.10 U
FLUORENE	280	0.71 J	1.9	0.49	1.4	0.58	0.02 U	0.02 U	1 U	0.20 U	0.10 U	10 U	0.10 U
NAPHTHALENE	14	2 U	1 U	0.50 U	0.50 U	0.16	0.02 U	0.02 U	5.2	1 U	0.19	10 U	0.50 U
PHENANTHRENE	210	1 U	0.26 J	0.10 U	0.17	0.1 U	0.02 U	0.02 U	1 U	0.20 U	0.10 U	10 U	0.10 U
PYRENE	210	0.10 U	0.20 U	0.10 U	0.10 U	0.1 U	0.02 U	0.02 U	0.10 U	0.034 J	0.10 U	10 U	0.10 U

SAMPLE IDENTIFICATION	CHAPTER 62-777 CTL GW-Table I	MPT-351-1-MW03S	MPT-351-1-MW03S	MPT-351-1-MW03S	MPT-351-1-MW03S	MPT-351-1-MW03S	MPT-351-1-MW03S	MPT-351-1-MW03S	MPT-351-1-MW04S	MPT-351-1-MW04S	MPT-351-1-MW04S	MPT-351-1-MW04S	MPT-351-1-MW04S
SAMPLE DATE		**6/14/2000**	**10/28/2002**	**8/2/2004**	**11/23/2004**	**1/18/2006**	**12/27/2006**	**2/13/2007**	**6/14/2000**	**10/28/2002**	**10/30/2003**	**3/15/2004**	**8/2/2004**
VOLATILES (µg/L)													
1,2,4-TRIMETHYLBENZENE	10	NA	NA	NA	NA	NA	NA	NA	NA	NA	1 U	1 U	NA
1,3,5-TRIMETHYLBENZENE	10	NA	NA	NA	NA	NA	NA	NA	NA	NA	1 U	1 U	NA
ACETONE	6300	1.1 J	NA	NA	NA	NA	NA	NA	1.5 J	NA	50 U	50 U	NA
BENZENE	1	1 U	1 U	1 U	1 U	1 U	0.2 U	0.2 U	1 U	1 U	1 U	1 U	1 U
CIS-1,2-DICHLOROETHENE	70	0.87	1 U	1 U	NA	1 U	NA	NA	0.29 J	1 U	1 U	1 U	1 U
ETHYLBENZENE	30	1 U	1 U	1 U	1 U	1 U	0.3 U	0.3 U	2.8	1 U	1 U	1 U	1 U
METHANE	NC	16	NA	NA	NA	NA	NA	NA	2.8	1 U	NA	NA	NA
N-PROPYLBENZENE	NC	NA	NA	NA	NA	NA	NA	NA	NA	NA	1 U	1 U	NA
SEC-BUTYLBENZENE	NC	NA	NA	NA	NA	NA	NA	NA	NA	NA	1 U	1 U	NA
TETRACHLOROETHENE	3	1.4	1 U	3 U	NA	1 U	NA	NA	1 U	1 U	3 U	3 U	3 U
TOLUENE	40	1 U	1 U	1 U	1 U	1 U	0.2 U	0.2 U	1 U	1 U	1 U	1 U	1 U
TOTAL 1,2-DICHLOROETHENE	63	0.87 J	NA	NA	NA	NA	NA	NA	1 U	1 U	NA	NA	NA
TOTAL XYLENES	20	1 U	3 U	NA	NA	NA	0.3 U	0.3 U	1 U	1 U	NA	NA	NA
TRICHLOROETHENE	3	1.9	2.4	1 U	NA	1 U	NA	NA	1 U	3 U	1 U	1 U	1 U
PETROLEUM HYDROCARBONS (mg/L)													
TOTAL PETROLEUM HYDROCARBONS (1)	5	0.16	0.69	1.6	0.69	0.424	0.521	0.46 U	0.63	0.3 U	0.46	0.28	3.5

TABLE 2
GROUNDWATER SUMMARY TABLE

LAND USE CONTROL REPORT, SITE 351-1
NAVAL STATION MAYPORT
JACKSONVILLE, FLORIDA

SAMPLE IDENTIFICATION	CHAPTER 62-777 CTL GW-Table I	MPT-351-1-MW04S	MPT-351-1-MW04S	MPT-351-1-MW04S	MPT-351-1-MW04S	MPT-351-1-MW04S	MPT-351-1-MW04S	MPT-351-1-MW04S	MPT-351-1-MW04S	MPT-351-1-MW04S	MPT-351-1-MW05S	MPT-351-1-MW05S	MPT-351-1-MW05S
SAMPLE DATE		**11/23/2004**	**1/19/2006**	**12/27/2006**	**2/13/2007**	**5/15/2007**	**8/15/2007**	**11/15/2007**	**2/14/2008**	**5/16/2008**	**11/30/2000**	**10/28/2002**	**10/28/2002**
METALS (µg/L)													
LEAD	15	10 U	2.0 U	NA	NA	NA	NA	NA	NA	NA	1.9 U	3.4 U	2.9 U
Natural Attenuation Parameter													
SULFATE (mg/L) (1)	250	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SEMIVOLATILES (µg/L)													
1-METHYLNAPHTHALENE	28	0.50 U	0.1 U	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U	.06 I	93	4.2	3.6
2-METHYLNAPHTHALENE	28	0.50 U	0.1 U	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U	0.012	110	1 U	1 U
ACENAPHTHENE	20	0.10 U	0.1 U	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U	4 U	1 U	0.83 J
ACENAPHTHYLENE	210	0.10 U	0.1 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.02 U	4 U	1 U	1 U
ANTHRACENE	2100	0.10 U	0.1 U	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U	.02 U	4 U	0.20 U	0.20 U
BENZO(A)ANTHRACENE	0.05	0.10 U	0.1 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.40 U	0.62 J	0.75 J
BENZO(K)FLUORANTHENE	0.5	0.10 U	0.1 U	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U	1.2 U	0.20 U	0.11 J
FLUORANTHENE	280	0.10 U	0.1 U	0.01 U	0.01 U	0.01 U	0.01 U	0.03 U	0.03 U	.01 U	0.80 U	0.20 U	0.20 U
FLUORENE	280	0.10 U	0.1 U	0.02 U	0.02 U	0.02 U	0.02 U	0.05 U	0.05 U	.01 U	6.7 J	1.1 J	1.2
NAPHTHALENE	14	0.50 U	0.1 U	0.02 U	0.02 U	0.02 U	0.02 U	0.05 U	0.05 U	0.02 U	41	1 U	1 U
PHENANTHRENE	210	0.10 U	0.1 U	0.02 U	0.02 U	0.02 U	0.02 U	0.04 U	0.04 U	0.02 U	4 U	0.24 J	0.17 J
PYRENE	210	0.10 U	0.1 U	0.02 U	0.02 U	0.02 U	0.06 J	0.04 J	0.04 J	0.06 I	0.40 U	1 J	1.1 J

SAMPLE IDENTIFICATION	CHAPTER 62-777 CTL GW-Table I	MPT-351-1-MW04S	MPT-351-1-MW04S	MPT-351-1-MW04S	MPT-351-1-MW04S	MPT-351-1-MW04S	MPT-351-1-MW04S	MPT-351-1-MW04S	MPT-351-1-MW04S	MPT-351-1-MW04S	MPT-351-1-MW05S	MPT-351-1-MW05S	MPT-351-1-MW05S
SAMPLE DATE		**11/23/2004**	**1/19/2006**	**12/27/2006**	**2/13/2007**	**5/15/2007**	**8/15/2007**	**11/15/2007**	**2/14/2008**	**5/16/2008**	**11/30/2000**	**10/28/2002**	**10/28/2002**
VOLATILES (µg/L)													
1,2,4-TRIMETHYLBENZENE	10	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
1,3,5-TRIMETHYLBENZENE	10	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
ACETONE	6300	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
BENZENE	1	1 U	1 U	0.2 U	0.2 U	0.20 U	0.2 U	0.23 U	0.23 U	.023 U	4 J	1 U	1 U
CIS-1,2-DICHLOROETHENE	70	NA	1 U	NA	NA	NA	NA	NA	NA	NA	NA	1 U	1 U
ETHYLBENZENE	30	1 U	1 U	0.3 U	0.3 U	0.30 U	0.3 U	0.34 U	0.34 U	.034 u	32	0.39 J	0.80 J
METHANE	NC	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
N-PROPYLBENZENE	NC	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SEC-BUTYLBENZENE	NC	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
TETRACHLOROETHENE	3	NA	1 U	NA	NA	NA	NA	NA	NA	NA	NA	1 U	1 U
TOLUENE	40	1 U	1 U	0.2 U	0.2 U	0.20 U	0.28 J	0.28 U	0.28 U	0.28 U	20 J	1 U	1 U
TOTAL 1,2-DICHLOROETHENE	63	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
TOTAL XYLENES	20	NA	NA	0.3 U	0.3 U	0.30 U	0.3 U	0.38 U	0.38 U	.038 U	180	3.3	3.4
TRICHLOROETHENE	3	NA	1 U	NA	NA	NA	NA	NA	NA	NA	NA	1 U	1 U
PETROLEUM HYDROCARBONS (mg/L)													
TOTAL PETROLEUM HYDROCARBONS (1)	5	0.20 U	0.262	0.515	0.157 U	0.645	0.289	0.31	0.661	2.13	5.5	25	20

TABLE 2
GROUNDWATER SUMMARY TABLE

LAND USE CONTROL REPORT, SITE 351-1
NAVAL STATION MAYPORT
JACKSONVILLE, FLORIDA

SAMPLE IDENTIFICATION	CHAPTER 62-777 CTL GW-Table I	MPT-351-1-MW05S	MPT-351-1-MW05S	MPT-351-1-MW05S	MPT-351-1-MW05S	MPT-351-1-MW05S	MPT-351-1-MW05S	MPT-351-1-MW05S	MPT-351-1-MW05S	MPT-351-1-MW06S	MPT-351-1-MW06S	MPT-351-1-MW06S	MPT-351-1-MW06S
SAMPLE DATE		**10/30/2003**	**1/19/2006**	**2/13/2007**	**5/15/2007**	**8/15/2007**	**11/15/2007**	**2/14/2008**	**5/16/2008**	**2/9/2006**	**12/27/2006**	**2/13/2007**	**5/15/2007**
METALS (µg/L)													
LEAD	15	10 U	2.0 U	NM- FP	NM- FP	NM- FP	NA	NA	NA	2.0 U	NA	NA	NA
Natural Attenuation Parameter													
SULFATE (mg/L) (1)	250	NA	NA	NM- FP	NM- FP	NM- FP	NA	NA	NA	NA	NA	NA	NA
SEMIVOLATILES (µg/L)													
1-METHYLNAPHTHALENE	28	0.12	23.7	NM- FP	NM- FP	NM- FP	5.1 J	5.1 J	13	0.06 J	0.15	0.06 J	0.26
2-METHYLNAPHTHALENE	28	0.46	22.1	NM- FP	NM- FP	NM- FP	0.02 U	0.02 U	0.6	0.02 U	0.17	0.02 U	0.02 U
ACENAPHTHENE	20	0.10 U	1.29	NM- FP	NM- FP	NM- FP	1.6 J	1.6 J	1.6	0.23	0.02 U	0.02 U	0.12
ACENAPHTHYLENE	210	0.10 U	0.1 U	NM- FP	NM- FP	NM- FP	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U
ANTHRACENE	2100	0.10 U	0.1	NM- FP	NM- FP	NM- FP	0.02 U	0.02 U	0.21	0.02 U	0.02 U	0.02 U	0.02 U
BENZO(A)ANTHRACENE	0.05	0.10 U	0.1 U	NM- FP	NM- FP	NM- FP	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.03 J
BENZO(K)FLUORANTHENE	0.5	0.10 U	0.1 U	NM- FP	NM- FP	NM- FP	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U
FLUORANTHENE	280	0.10 U	0.08 J	NM- FP	NM- FP	NM- FP	0.09 J	0.09 J	.09 I	0.19	0.07 J	0.12	0.07 J
FLUORENE	280	0.10 U	3.46	NM- FP	NM- FP	NM- FP	2.4 J	2.4 J	4.2	0.02 U	0.06 J	0.09 J	0.05 J
NAPHTHALENE	14	0.10 U	14.2	NM- FP	NM- FP	NM- FP	1.2 J	1.2 J	0.099	0.25	0.21	0.11	0.18
PHENANTHRENE	210	0.27	3.96	NM- FP	NM- FP	NM- FP	0.04 U	0.04 U	3.1	0.21	0.02 U	0.02 U	0.02 U
PYRENE	210	0.72	0.95	NM- FP	NM- FP	NM- FP	1.4 J	1.4 J	1.1	0.17	0.12	0.14	0.14

SAMPLE IDENTIFICATION	CHAPTER 62-777 CTL GW-Table I	MPT-351-1-MW05S	MPT-351-1-MW05S	MPT-351-1-MW05S	MPT-351-1-MW05S	MPT-351-1-MW05S	MPT-351-1-MW05S	MPT-351-1-MW05S	MPT-351-1-MW05S	MPT-351-1-MW06S	MPT-351-1-MW06S	MPT-351-1-MW06S	MPT-351-1-MW06S
SAMPLE DATE		**10/30/2003**	**1/19/2006**	**2/13/2007**	**5/15/2007**	**8/15/2007**	**11/15/2007**	**2/14/2008**	**5/16/2008**	**2/9/2006**	**12/27/2006**	**2/13/2007**	**5/15/2007**
VOLATILES (µg/L)													
1,2,4-TRIMETHYLBENZENE	10	2.3	NA	NM- FP	NM- FP	NM- FP	NA	NA	NA	NA	NA	NA	NA
1,3,5-TRIMETHYLBENZENE	10	1	NA	NM- FP	NM- FP	NM- FP	NA	NA	NA	NA	NA	NA	NA
ACETONE	6300	50 U	NA	NM- FP	NM- FP	NM- FP	NA	NA	NA	NA	NA	NA	NA
BENZENE	1	1 U	1	NM- FP	NM- FP	NM- FP	0.4 I	0.23 U	0.23 U	1.14	0.2 J	0.2 U	0.40 J
CIS-1,2-DICHLOROETHENE	70	1 U	1 U	NM- FP	NM- FP	NM- FP	NA	NA	NA	0.2 U	NA	NA	NA
ETHYLBENZENE	30	1 U	8.11	NM- FP	NM- FP	NM- FP	0.3 U	19 J	4.1	0.38 J	0.3 U	0.7 J	0.30 U
METHANE	NC	NA	NA	NM- FP	NM- FP	NM- FP	NA	NA	NA	NA	NA	NA	NA
N-PROPYLBENZENE	NC	1	NA	NM- FP	NM- FP	NM- FP	NA	NA	NA	NA	NA	NA	NA
SEC-BUTYLBENZENE	NC	1	NA	NM- FP	NM- FP	NM- FP	NA	NA	NA	NA	NA	NA	NA
TETRACHLOROETHENE	3	3 U	1 U	NM- FP	NM- FP	NM- FP	NA	NA	NA	0.3 U	NA	NA	NA
TOLUENE	40	1 U	0.23 J	NM- FP	NM- FP	NM- FP	0.2 I	0.28 U	0.28 U	0.2 U	0.3 U	0.2 U	0.20 U
TOTAL 1,2-DICHLOROETHENE	63	NA	NA	NM- FP	NM- FP	NM- FP	NA	NA	NA	NA	NA	NA	NA
TOTAL XYLENES	20	NA	NA	NM- FP	NM- FP	NM- FP	0.6 I	5.2 J	0.75 I	NA	0.3 U	0.3 U	0.60 J
TRICHLOROETHENE	3	1 U	1 U	NM- FP	NM- FP	NM- FP	NA	NA	NA	0.3 U	NA	NA	NA
PETROLEUM HYDROCARBONS (mg/L)													
TOTAL PETROLEUM HYDROCARBONS (1)	5	2.5	3.49	NM- FP	NM- FP	NM- FP	4.87	3.64	2.13	0.544	0.334	0.535 U	0.661

TABLE 2
GROUNDWATER SUMMARY TABLE

LAND USE CONTROL REPORT, SITE 351-1
NAVAL STATION MAYPORT
JACKSONVILLE, FLORIDA

SAMPLE IDENTIFICATION	CHAPTER 62-777 CTL GW-Table I	MPT-351-1-MW06S	MPT-351-1-MW06S	MPT-351-1-MW06S	MPT-351-1-MW06S	MPT-351-OF-TMW23	MPT-351-RW02
SAMPLE DATE		**8/15/2007**	**11/15/2007**	**2/14/2008**	**5/16/2008**	**12/29/2005**	**10/30/2003**
METALS (µg/L)							
LEAD	15	NA	NA	NA	NA	10 U	10 U
Natural Attenuation Parameter							
SULFATE (mg/L) (1)	250	NA	NA	NA	NA	NA	NA
SEMIVOLATILES (µg/L)							
1-METHYLNAPHTHALENE	28	1.5	1.5	1 J	4	0.5 U	0.25
2-METHYLNAPHTHALENE	28	0.02 U	0.23	0.06 J	0.11	0.5 U	0.24
ACENAPHTHENE	20	0.38	0.66	0.21 J	0.44	0.1 U	0.14
ACENAPHTHYLENE	210	0.01 U	0.01 U	0.01 U	.05 I	0.1 U	0.10 U
ANTHRACENE	2100	0.02 U	0.02 U	0.02 U	0.02 U	0.1 U	0.10 U
BENZO(A)ANTHRACENE	0.05	0.01 U	0.01 U	0.01 U	.10 I	0.1 U	0.10 U
BENZO(K)FLUORANTHENE	0.5	0.02 U	0.02 U	0.02 U	0.02 U	0.1 U	0.10 U
FLUORANTHENE	280	0.11	0.15	0.03 U	0.02 U	0.1 U	0.10 U
FLUORENE	280	0.28	0.84	0.37 J	0.63	0.1 U	0.10 U
NAPHTHALENE	14	0.2	0.65	0.3 J	0.1	0.5 U	0.10 U
PHENANTHRENE	210	0.04 U	0.10 I	0.04 U	.04 I	0.1 U	0.32
PYRENE	210	0.2	0.27	0.17 J	0.22	0.1 U	0.13

SAMPLE IDENTIFICATION	CHAPTER 62-777 CTL GW-Table I	MPT-351-1-MW06S	MPT-351-1-MW06S	MPT-351-1-MW06S	MPT-351-1-MW06S	MPT-351-OF-TMW22	MPT-351-RW01
SAMPLE DATE		**8/15/2007**	**11/15/2007**	**2/14/2008**	**5/16/2008**	**12/29/2005**	**10/30/2003**
VOLATILES (µg/L)							
1,2,4-TRIMETHYLBENZENE	10	NA	NA	NA	NA	NA	1 U
1,3,5-TRIMETHYLBENZENE	10	NA	NA	NA	NA	NA	1 U
ACETONE	6300	NA	NA	NA	NA	NA	50 U
BENZENE	1	0.41 J	.027 I	0.26 J	.023 U	1 U	1 U
CIS-1,2-DICHLOROETHENE	70	NA	NA	NA	NA	1 U	1 U
ETHYLBENZENE	30	2.8	1.6	13 J	.034 u	1 U	1 U
METHANE	NC	NA	NA	NA	NA	NA	NA
N-PROPYLBENZENE	NC	NA	NA	NA	NA	NA	1 U
SEC-BUTYLBENZENE	NC	NA	NA	NA	NA	NA	1 U
TETRACHLOROETHENE	3	NA	NA	NA	NA	2 U	3 U
TOLUENE	40	0.33 J	0.28 U	0.28 U	0.28 U	1 U	1 U
TOTAL 1,2-DICHLOROETHENE	63	NA	NA	NA	NA	NA	NA
TOTAL XYLENES	20	0.67 J	1.6	10 J	.038 U	NA	NA
TRICHLOROETHENE	3	NA	NA	NA	NA	1 U	1 U
PETROLEUM HYDROCARBONS (mg/L)							
TOTAL PETROLEUM HYDROCARBONS (1)	5	2.04	4.07	4.01	0.708	1.6	17

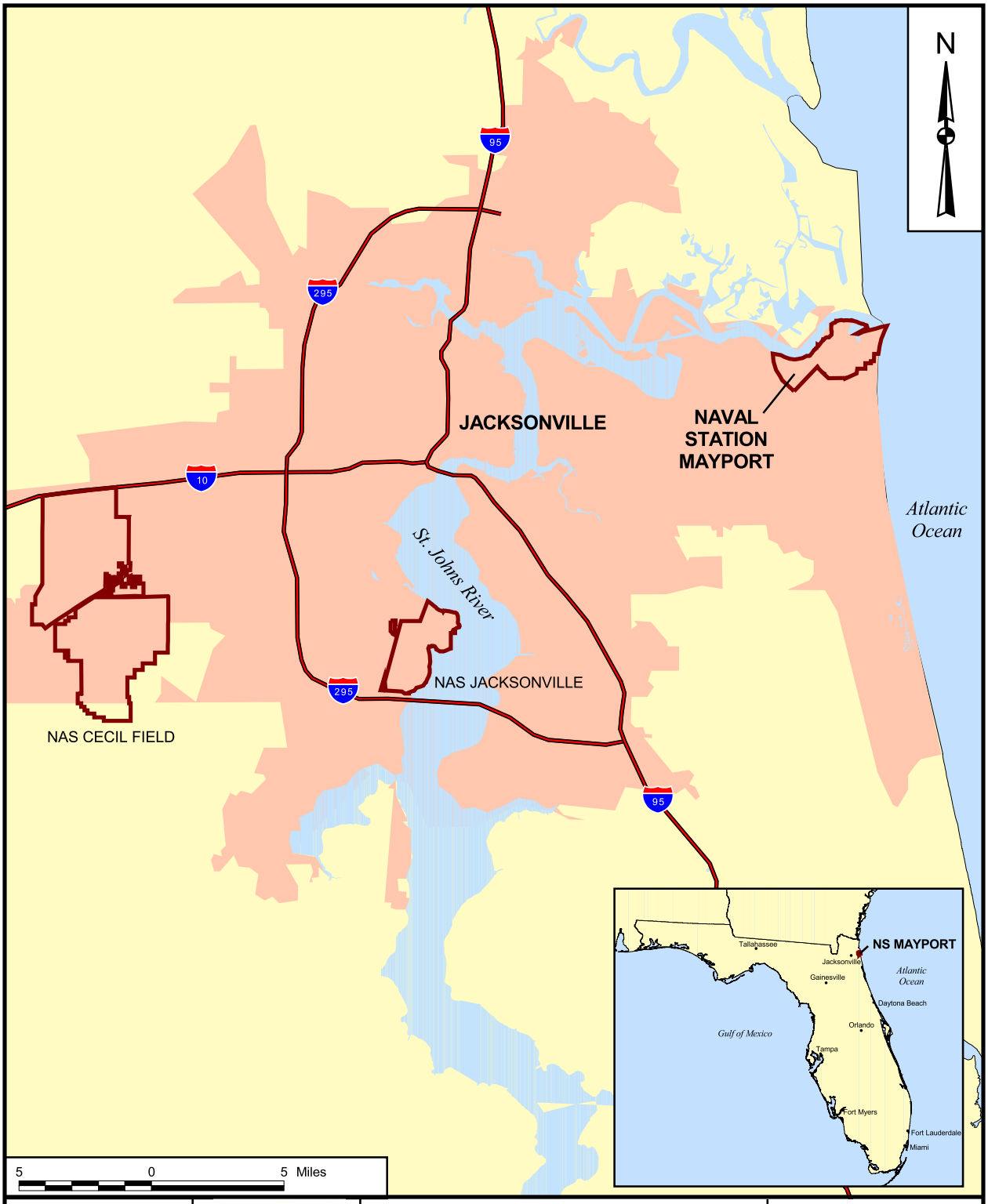
Notes:
(1) = The criteria value for this parameter has been converted to match the reported result.
-- = The chemical was not analyzed or no value was available.
Data Qualifiers:
Blank (i.e., no qualifier) = the chemical was detected.
J = The chemical was detected but the concentration reported is an estimated value.
U = The chemical was not detected.
R = The chemical was rejected.
Black cells indicate GCTL exceedance.
NM-FP = Not measured due to free product.

TABLE 3
FREE PRODUCT MEASUREMENTS AND RECOVERY

SITE 351-1
NAVAL STATION MAYPORT
MAYPORT, FLORIDA

DATE	MONITORING WELL MW-05	
	THICKNESS (feet)	VOLUME RECOVERED (mL)
02/16/07	0.04	0
03/19/07	0	0
04/04/07	0.01	945
05/03/07	0.08	151
05/04/07	0.08	151
05/30/07	0.08	189
06/30/07	0.05	378
07/30/07	0	0
08/16/07	0.02	151
09/25/07	0	0
10/12/07	0	0
11/09/07	0	0
12/20/07	0	0
01/07/08	0	0
02/06/08	0	0
03/05/08	0	0
4/7/2008	0	0

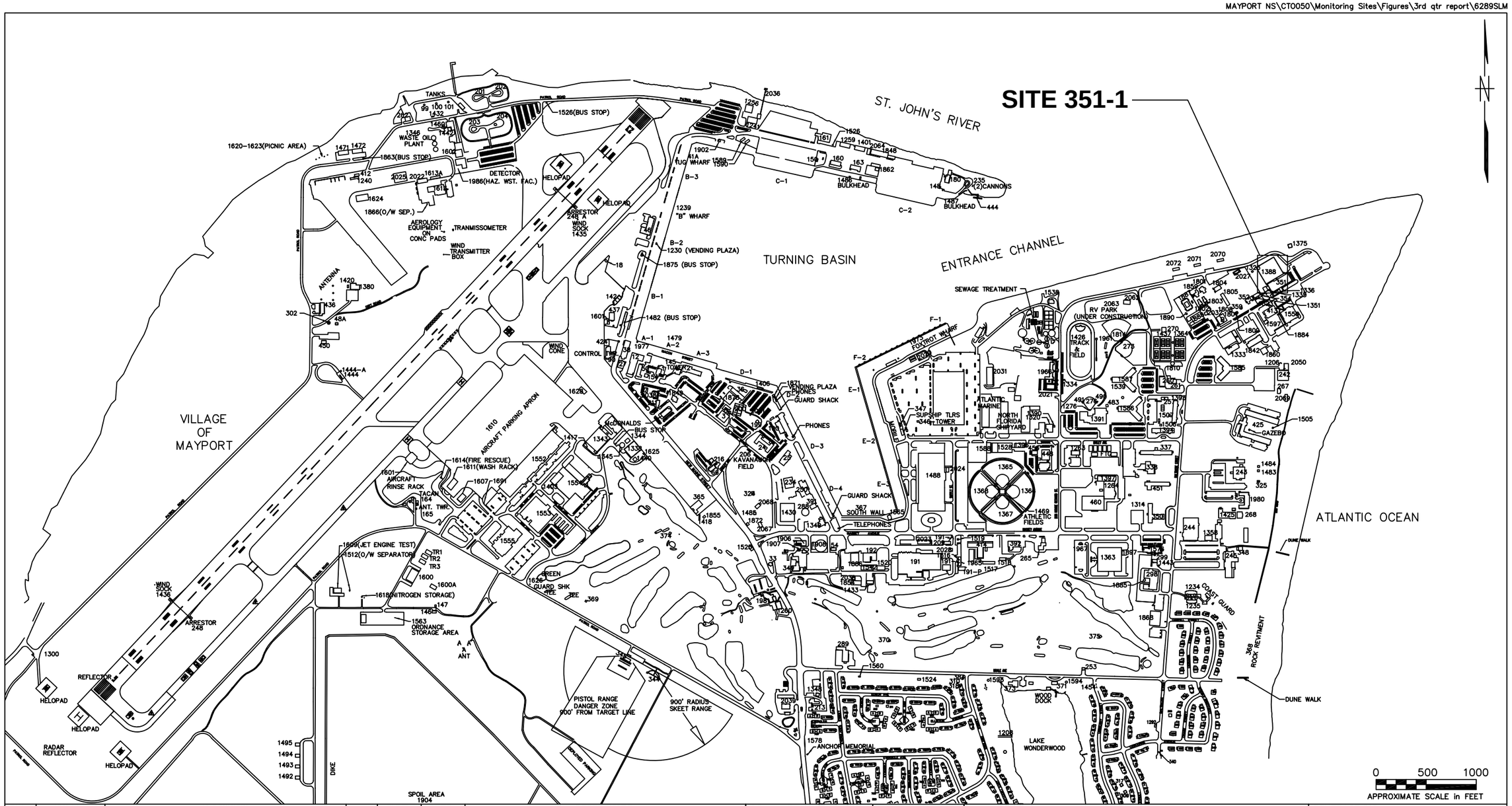
FIGURES



DRAWN BY K. PEILA	DATE 4/17/06	REGIONAL AREA MAP NAVAL STATION MAYPORT JACKSONVILLE, FLORIDA	CONTRACT NUMBER 112G00103
CHECKED BY D. SIEFKEN	DATE 5/11/06		APPROVED BY — DATE —
COST/SCHEDULE-AREA			APPROVED BY — DATE —
SCALE AS NOTED	NAVFAC		DRAWING NO. FIGURE 1 / REV 0

P:\GIS\MAYPORT_NS\MAPDOCS\APR\STATEMENT_BASIS.APR REGIONAL AREA 5/11/06 SS

MAYPORT NS\CTO050\Monitoring Sites\Figures\3rd qtr report\6289SLM



NO.	DATE	REVISIONS	BY	CHKD	APPD	REFERENCES

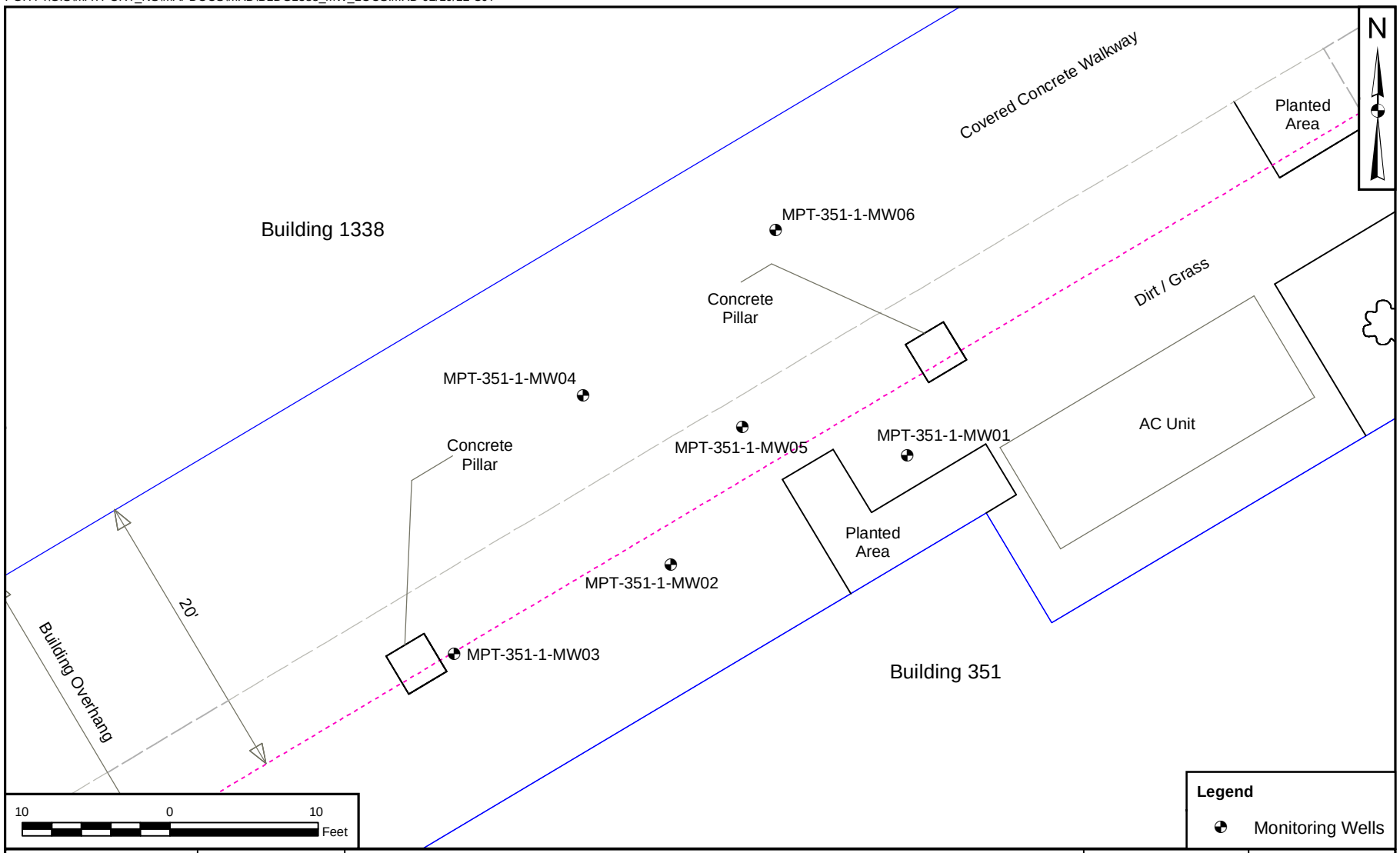
DRAWN BY JCF DATE 09/13/07
CHECKED BY DATE
COST/SCHED-AREA
SCALE AS NOTED

NAVFAC

SITE LOCATION MAP
SITE 351-1
SITE ASSESSMENT REPORT
NAVAL STATION MAYPORT
JACKSONVILLE, FLORIDA

CONTRACT NO. 112G00103
APPROVED BY DATE
APPROVED BY DATE
DRAWING NO. FIGURE 2
REV. 0

PGH P:\GIS\MAYPORT_NS\MAPDOCS\MXD\BLDG1388_MW_LOCS.MXD 02/10/12 CJT

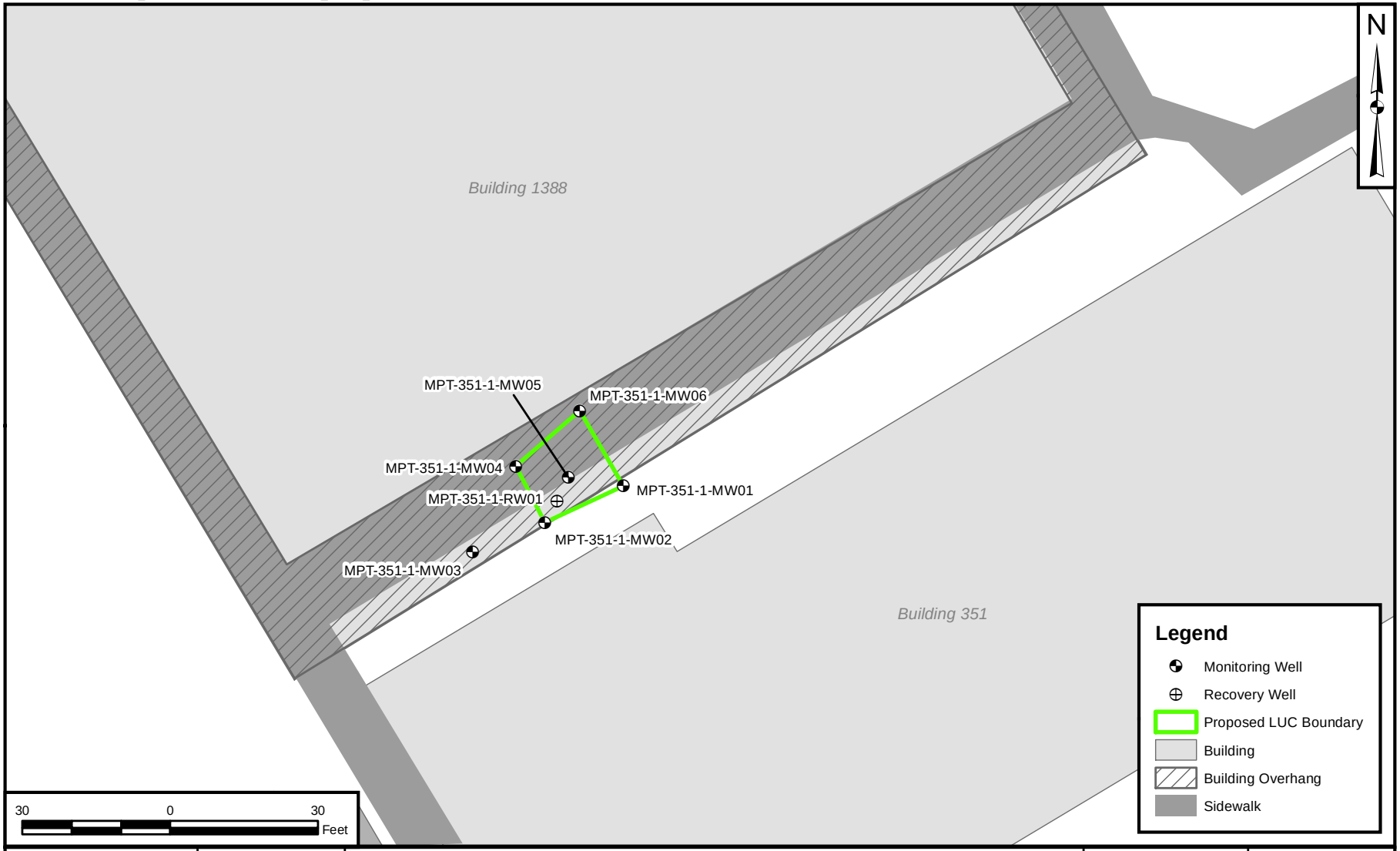


DRAWN BY	DATE
C. TULLEY	02/10/12
CHECKED BY	DATE
D. SIEFKEN	02/10/12
REVISED BY	DATE
SCALE	
AS NOTED	

MONITORING WELL LOCATION MAP
SITE 351-1
NAVAL STATION MAYPORT
JACKSONVILLE, FLORIDA

CONTRACT NUMBER	CTO NUMBER
112G00758	0078
APPROVED BY	DATE
APPROVED BY	DATE
FIGURE NO.	REV
FIGURE 3	0

PGH P:\GIS\MAYPORT_NS\MAPDOCS\MXD\SITE351-1_PROP_LUC2.MXD 08/19/13 JEE



DRAWN BY	DATE
J. ENGLISH	07/25/12
CHECKED BY	DATE
D. SIEFKEN	08/01/12
REVISED BY	DATE
___	___
SCALE	
AS NOTED	

PROPOSED LUC AREA
SAR ADDENDUM / SRCR
SITE 351
NAVAL STATION MAYPORT
JACKSONVILLE, FLORIDA

CONTRACT NUMBER	CTO NUMBER
0758	____
APPROVED BY	DATE
__	__
APPROVED BY	DATE
__	__
FIGURE NO. 4	REV 0