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NAS JACKSONVILLE  
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FINAL FEDERAL FACILITIES AGREEMENT SITE MANAGEMENT PLAN AMENDMENT  
CALENDAR YEAR 2012 QUARTERLY UPDATE NAS JACKSONVILLE FL  
02/03/2012  
NAVFAC SOUTHERN

**Final**  
5-Aug-11  
**JACKSONVILLE NAVAL AIR STATION  
FEDERAL FACILITIES AGREEMENT  
SITE MANAGEMENT PLAN  
AMENDMENT  
CALENDAR YEAR 2012**

**QUARTERLY UPDATE**

3-Feb-12

**PREPARED BY  
Adrienne Wilson  
NAVFAC South East  
Code OPDE3  
Naval Facilities Engineering Command  
135 Ajax Street  
Jacksonville, Florida  
32212**

**2012**

**NAS JACKSONVILLE FIRST QUARTERLY PROGRESS REPORT**

In this report you will find a revised FFA SMP including the addition of LUC RDs for OU3, OU4, & OU7, as well as, the Completion Report for OU7. These draft documents are to be received by the team no later than March 2012.

All other work for 2012 remains on track to be completed by noted dates in the revised FFASMP (also included in this submission). The Navy and its contractors are working diligently to achieve these dates.

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### **ACRONYMS**

ARAR Applicable or Relevant and Appropriate Requirements  
CERCLA Comprehensive Environmental Response, Compensation, and Liability Act  
COPC Chemical of Potential Concern  
DVECC Disease Vector Ecology Control Center  
ESI Extended Site Inspection  
ESS explosive Safety Submission  
FDEP Florida Department of Environmental Protection  
FFA Federal Facilities Agreement  
FS Feasibility Study  
GCTL Groundwater Cleanup Target Level  
HSWA Hazardous and Solid Waste Amendments  
IAS Initial Assessment Study  
IRA Interim Remedial Action  
IWTP Industrial Wastewater Treatment Plant  
LUC Land Use Control  
LUC RD Land Use Control Remedial Design  
NA No Action  
NAS Naval Air Station

**ACRONYMS (CONTINUED)**

NFA No Further Action  
NOSSA Naval Ordnance Safety and Security Activity  
OU Operable Unit  
PP Proposed Plan  
PA Preliminary Assessment  
PCA Potential contamination area  
PSC Potential Source of Contamination  
RAB Restoration Advisory Board  
RAO Remedial Action Objective  
RCRA Resource Conservation and Recovery Act  
RRDS Remedial Response Decision System  
RI Remedial Investigation  
ROD Record of Decision  
SI Site Inspection  
SMP Site Management Plan  
UFPSAP Unified Federal Programs Sampling and Analysis Plan  
USEPA United States Environmental Protection Agency  
UST Underground Storage Tank  
VI Vapor Intrusion  
VOC Volatile Organic Compound  
WWTP Wastewater Treatment Plant

Updated 7/13/2011  
**DRAFT MILESTONES FOR**  
**FEDERAL FACILITIES AGREEMENT**  
**SITE MANAGEMENT PLAN AMENDMENT- CALENDAR YEAR 2012**

Calendar Yr 1	Calendar Yr 2	Calendar Yr 3	Calendar Yr 4
2012	2013	2014	2015

**OU#1: Oil and Solvent Disposal Pits Area**

Primary Documents

**5 year Review** 3/6/2015

Secondary Deliverables:

**dft Groundwater monitoring reports** 12/31/2012 12/30/2013 12/30/2014 12/30/2015

**OU#2: Wastewater Treatment Area**

Primary Documents

**5 Year Review** 3/6/2015

Calendar Yr 1	Calendar Yr 2	Calendar Yr 3	Calendar Yr 4
2012	2013	2014	2015

**OU#3: Industrial Area & Dry Cleaners**

Primary Deliverables

<b>drft LUCRD</b>	<b>3/1/2012</b>		
<b>dft RI Addendum</b>		12/30/2013	
<b>dft FS addendum</b>			12/30/2014
<b>dft Proposed plan addendum</b>			12/30/2015
<b>5 Year Review</b>			3/6/2015
<b>Dft ROD Amendment</b>			12/30/2016

Secondary Deliverables :

<b>dft Bi annual Ground water monitoring Reports for Areas B, &amp; G</b>		12/30/2013		12/30/2015
<b>Draft VI Evaluation Report</b>	<b>4/30/2012</b>			
<b>dft annual Ground water monitoring Reports for Area A</b>	<b>12/31/2012</b>	12/30/2013	12/31/2014	12/30/2015

**OU#4: PSC 21, Casa Linda Lake**

Primary Deliverables

<b>drft LUCRD</b>	<b>3/1/2012</b>			
<b>5 Year review</b>				3/6/2015

**OU#5: PSC 51, South Antenna Field Firefighting Training Area**

Primary Deliverables :

<b>5 Year Review</b>				3/6/2015
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Secondary Deliverables:

<b>Groundwater monitoring report</b>		12/30/2013	12/30/2014	12/30/2015
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**Final NAS Jacksonville  
Federal Facilities Agreement  
Site Management Plan Amendment**

Calendar Yr 1	Calendar Yr 2	Calendar Yr 3	Calendar Yr 4
2012	2013	2014	2015

**OU#6: PSC 52, Hangar 1000**

Primary Deliverables :

<b>5 Year Review</b>	3/6/2015
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Secondary Deliverables:

<b>Groundwater monitoring report</b>	<b>12/30/2012</b>	12/30/2013	12/30/2014	12/30/2015
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**OU#7: PSC 46, Defense Reutilization & Marketing Office Yard (DRMO)**

ROD Sept 22,2005

Primary Deliverables:

<b>drft LUCRD</b>	<b>3/1/2012</b>
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<b>drft completion report</b>	<b>3/1/2012</b>
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<b>5 Year Review</b>	3/6/2015
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Secondary Deliverables :

<b>Groundwater monitoring report</b>	<b>12/30/2012</b>	12/30/2013	12/30/2014	12/30/2015
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**OU#8: PSC 47, Pesticide Shop & Disease Vector Ecology Control Center (DVECC)**

(ROD signed Sept 2008)

Primary Deliverables :

<b>5 year review</b>	3/6/2015
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**Completion Report**

Secondary Deliverables:

<b>Groundwater monitoring report</b>	<b>12/30/2012</b>	12/30/2013	12/30/2014	12/30/2015
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Calendar Yr 1	Calendar Yr 2	Calendar Yr 3	Calendar Yr 4
2012	2013	2014	2015

**POTENTIAL SOURCE OF CONTAMINATION**

**PSC 5 Shore line fill west of fuel farm**

This site has been entered into the station's informal LUC program to allow industrial use. Further evaluation is necessary if residential use is considered. An **ESI is underway**.

Primary Deliverables :

**dft ROD** 12/30/2012

Secondary Deliverables:

**None**

**PSC 8 Vacant lot Fuel farm area**

Informal LUCs are in place to allow industrial use. Further evaluation is necessary. An Extended Site Investigation (**ESI**) is underway.

Primary Deliverables :

**dft ROD** 12/30/2012

Secondary Deliverables:

**None**

**PSC 9 Disposal Area east of Fuel Farm.**

Informal LUCs are in place to allow industrial use. Further evaluation is necessary. An **ESI is underway**.

Primary Deliverables :

**dft ROD** 12/30/2012

Secondary Deliverables:

**None**

**PSC 29 Organic Disposal Area**

Informal LUC prevents residential development. Soil is impacted by PAHs and arsenic. Groundwater is impacted by iron and manganese. **ESI is underway**.

Calendar Yr 1	Calendar Yr 2	Calendar Yr 3	Calendar Yr 4
2012	2013	2014	2015

Primary Deliverables :

**dft ROD** 12/30/2012

Secondary Deliverables: None

**PSC 30 Old Drum Lot**

LUCs were proposed in the June, 1999 RRDS. Additional investigation lead to

**USEPA & FDEP agree with No Action. No ROD required**

Primary Deliverables :

None

Secondary Deliverables:

None

**PSC 31 Asphalt Mix Area**

Informal LUCs are in effect at this site due to beryllium and benzo(a)pyrene in 1 soil sample. Add'l assessment/remediation may allow for site close out. **ESI underway.**

Primary Deliverables :

**dft ROD** 12/30/2012

Secondary Deliverables:

None

**PSC 32 Base Landfill.**

Informal LUCs are in effect due to benzo(a)pyrene and Aroclor-1260 in surface /subsurface soils. Iron and manganese exceeded secondary standards for groundwater. Industrial use only is permitted at this location. An **ESI is underway.**

Primary Deliverables :

**dft ROD** 12/30/2012

Secondary Deliverables:

None

Calendar Yr 1	Calendar Yr 2	Calendar Yr 3	Calendar Yr 4
<u>2012</u>	2013	2014	2015

**PSC 38 Torpedo Rework Area**

Primary Deliverables :

dft RI 10/30/2012

dft FS 10/30/2013

Secondary Deliverables:

**PSC 44 Drainage Ditch West of JAX**

Land Use Controls are in Place, ROD completed 1998.

Primary Deliverables :

5 year review 3/6/2015

Secondary Deliverables:

None

**PSC 45 B 200 Wash Rack**

SI completed 2010, RI/FS LUCRD & ROD have been awarded

Primary Deliverables :

dft RI 12/30/2012

dft FS 12/30/2013

dft proposed plan 6/30/2014

dft ROD 12/30/2014

dft LUC RD 12/30/2015

Secondary Deliverables:

None

Calendar Yr 1	Calendar Yr 2	Calendar Yr 3	Calendar Yr 4
2012	2013	2014	2015

**PSC 50 East side Waste water Treatment Plant sludge disposal**

Informal LUCs (industrial use only) are in effect at this site due to Arochlor-1260 detected in subsurface soil samples. An **ESI is underway**.

Primary Deliverables :

**dft ROD** 12/30/2012

Secondary Deliverables:

None

**PSC 55 Sludge Disposal Area**

SI is underway. RI/FS has been awarded .

Primary Deliverables :

**dft RI** 12/30/2012

**dft FS** 12/30/2013

Secondary Deliverables:

None

Range features were demolished in the late 1990s.

Active from 1943 to about mid 1950s.

Calendar Yr 1	Calendar Yr 2	Calendar Yr 3	Calendar Yr 4
2012	2013	2014	2015

**MUNITION RESPONSE SITES-SI report to be submitted & approved by 30 Sep 10**

**1. UXO 1-PSCs 22 Fort Dix Skeet Range**

Description: Constructed in 1943. About 8 acres. Consisted of 8 skeet ranges.

COCs: Lead & PAHs

Munitions were 12 gauge shot guns.

**Primary Deliverables :**

draft RI	12/30/2013
draft FS	12/30/2014
dft UFPSAP RI/FS	12/30/2012

**Secondary Deliverables:**

Calendar Yr 1	Calendar Yr 2	Calendar Yr 3	Calendar Yr 4
<u>2012</u>	2013	2014	2015

**UXO 2- PSC 23 A .50 Caliber Range**

Description: Constructed in 1941. Approx 2.25 acres. Included a machine gun range, air blast range, .50 caliber range & a synchronized gun range. Active from 1941 to about 1978.

Range features were demolished in the late1990s. COCs:lead & PAHs

**Primary Deliverables :**

draft RI	12/31/2014
draft FS	12/31/2015
dft UFPSAP RI/FS	12/31/2013

**Secondary Deliverables:**

**UXO 3-PSC 23 B Former Skeet Range**

Description: Active from 1941 to about 1978. About 9.2 acres. 2 skeet ranges.

Range features were demolished the late1990s.12 guage shot guns. COCs: lead & PAHs

**Primary Deliverables :**

draft RI	12/31/2013
draft FS	12/31/2014
dft UFPSAP RI/FS	12/30/2012

**Secondary Deliverables:**

Calendar Yr 1	Calendar Yr 2	Calendar Yr 3	Calendar Yr 4
2012	2013	2014	2015

**UXO 4-PSC 56 Akron Road Pistol Range**

Description: Approximately 2.3 acres. Included .30 caliber range, .50 caliber range, air blast range, trap shooting, skeet range & a synchronized gun range. Except pistol range, now a golf course. Munitions were limited to small arms (.22, .38, .45, 9 mm & 12 gauge shot gun).

COCs: lead, antimony, arsenic, copper nickel, zinc, & lead azide/lead styphnate.

Work to date: Aug 1994 soil samples from the backstop & berm exceeded the RCRA limit for leachable lead (5mg/L). June 1995 soil was removed to 1 foot depth at 6 locations. Lime applied to lead impacted soil surface to reduce leachability of the heavy metals. 1997 range condition inspection determined overhead baffles were damaged beyond economical repair & was encroaching upon the golf course. Range was closed. Bullet removal & additional lime was applied in 2000. The range was formerly closed 8/19/02.

**Primary Deliverables :**

draft RI	12/31/2014
draft FS	12/31/2015
dft UFPSAP RI/FS	12/31/2013

**Secondary Deliverables:**

**Final NAS Jacksonville  
Federal Facilities Agreement  
Site Management Plan Amendment**

Calendar Yr 1	Calendar Yr 2	Calendar Yr 3	Calendar Yr 4
<b>2012</b>	<b>2013</b>	<b>2014</b>	<b>2015</b>

**UXO 5-PSC 57 .30 Caliber Range**

Description: Active from 1941 to about 1978. Approx. 1.3 acres. Used as a machine gun range. Consisted of 8 firing positions & 4 targets, 50 feet down range. Range features demolished late 1990s. Formerly closed 8/19/02. COCs: lead, antimony, arsenic, copper nickel, zinc, & lead azide/lead styphnate.

**Primary Deliverables:**

<b>Draft RI</b>	12/31/2013
<b>Draft FS</b>	12/31/2014
<b>dft UFPSAP RI/FS</b>	<b>12/31/2012</b>

**Secondary Deliverables:**