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FINAL FEDERAL FACILITIES AGREEMENT SITE MANAGEMENT PLAN AMENDMENT
CALENDAR YEAR 2012 NAS JACKSONVILLE FL
09/01/2012
NAVFAC SOUTHERN

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

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Final NAS Jacksonville
Federal Facilities Agreement
Site Management Plan Amendment
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
HWSA 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

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

**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

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

Secondary Deliverables :

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

OU#4: PSC 21, Casa Linda Lake

Primary Deliverables

<u>5 Year review</u>			3/6/2015
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OU#5: PSC 51, South Antenna Field Firefighting Training Area

Primary Deliverables :

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

Groundwater monitoring report	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

OU#6: PSC 52, Hangar 1000

Primary Deliverables :

5 Year Review 3/6/2015

Secondary Deliverables:

Groundwater monitoring report 12/30/2012 12/30/2013 12/30/2014 12/30/2015

OU#7: PSC 46, Defense Reutilization & Marketing Office Yard (DRMO)

ROD Sept 22,2005

Primary Deliverables:

5 Year Review 3/6/2015

Secondary Deliverables :

Groundwater monitoring report 12/30/2012 12/30/2013 12/30/2014 12/30/2015

OU#8: PSC 47, Pesticide Shop & Disease Vector Ecology Control Center (DVECC)

(ROD signed Sept 2008)

Primary Deliverables :

5 year review 3/6/2015

Completion Report

Secondary Deliverables:

Groundwater monitoring report 12/30/2012 12/30/2013 12/30/2014 12/30/2015

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**.

Primary Deliverables :

dft ROD 12/30/2012

Secondary Deliverables: None

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

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
2012	2013	2014	2015

PSC 38 Torpedo Rework Area

Primary Deliverables :

dft RI 10/30/2012

dft FS 10/30/2013

Secondary Deliverables:

UFP SAP RI/FS

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

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

Range features were demolished in the late 1990s.

Active from 1943 to about mid 1950s.

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
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draft FS	12/30/2014
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Secondary Deliverables:

dft UFPSAP RI/FS	12/30/2012
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Calendar Yr 1	Calendar Yr 2	Calendar Yr 3	Calendar Yr 4
2012	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

Secondary Deliverables:

dft UFPSAP RI/FS	12/30/2012
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UXO 3-PSC 23 B Former Skeet Range

Description: Active from 1941 to about 1978. A bout 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

Secondary Deliverables:

dft UFPSAP RI/FS	12/30/2012
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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

Secondary Deliverables:

dft UFPSAP RI/FS	12/31/2012
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Calendar Yr 1	Calendar Yr 2	Calendar Yr 3	Calendar Yr 4
2012	2013	2014	2015

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:

Draft RI	12/31/2013
Draft FS	12/31/2014

Secondary Deliverables:

dft UFPSAP RI/FS	12/31/2012
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Calendar Yr 1	Calendar Yr 2	Calendar Yr 3	Calendar Yr 4
2012	2013	2014	2015

UXO 6-PSC 58 Trap Ranges

Description: Approx. 10.5 acres. Active from 1941 to about 1978. Used for small arms training only, limited to 12 gauge shot gun. Munitions constituents may include antimony, arsenic, nickel & lead. Shot gun ammo and clay targets primary constituents include lead and PAHs from pitch tar in clay pigeons.

Primary Deliverables:

Draft RI	12/31/2014
Draft FS	12/31/2015

Secondary Deliverables:

dft UFPSAP RI/FS	12/31/2012
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