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NAS JACKSONVILLE  
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FINAL FEDERAL FACILITIES AGREEMENT SITE MANAGEMENT PLAN AMENDMENT  
CALENDAR YEAR 2011 NAS JACKSONVILLE FL  
09/01/2010  
NAVFAC SOUTHERN

Final NAS Jacksonville  
Federal Facilities Agreement  
Site Management Plan  
Amendment

1 September 2010  
Revision 2.0

Updated 2/7/2011

**Final**

**1-Sep-10**

**JACKSONVILLE NAVAL AIR STATION  
FEDERAL FACILITIES AGREEMENT  
SITE MANAGEMENT PLAN  
AMENDMENT  
CALENDAR YEAR 2011**

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## TABLE OF CONTENTS

<b>ACRONYMS.....</b>	<b>4</b>
<b>OPERABLE UNITS</b>	
<b>A. OU#1: Oil and Solvent Disposal Pits Area .....</b>	<b>7</b>
PSC 26, Old Main Registered Disposal Area	
PSC 27, Ex-PCB Transformer Storage Area	
<b>B. OU#2: Wastewater Treatment Area.....</b>	<b>7</b>
PSC 2/PCA 15, Present Fire Fighting Training Area	
PSC 3, West WWTP Ex-Sludge Disposal Area	
PSC 4, Pine Tree Planting Area	
PSC 41, Domestic Sludge Drying Beds	
PSC 42, WWTP Polishing Pond	
PSC 43, IWTP Sludge Drying Beds	
<b>C. OU#3: Industrial Area &amp; Dry Cleaners.....</b>	<b>7</b>
PSC 11, Hangar Building 101	
PSC 12, Old Test Cell, Building 101K	
PSC 13, Radium Paint Waste Disposal Pit	
PSC 14, Battery Shop	
PSC 15, Solvent and Paint Sludge Disposal Area	
PSC 16, Storm Sewer Discharge at Black Point	
PSC 48, Base Dry Cleaners	
<b>D. OU#4: PSC 21, Casa Linda Lake.....</b>	<b>7</b>
<b>E. OU#5: PSC 51, South Antenna Field Firefighting Training Area.....</b>	<b>8</b>
<b>F. OU#6: PSC 52, Hangar 1000.....</b>	<b>8</b>
<b>G. OU#7: PSC 46, Defense Reutilization &amp; Marketing Office Yard (DRMO).....</b>	<b>8</b>
<b>H. OU#8: PSC 47, Pesticide Shop &amp; Disease Vector Ecology Control Center (DVECC)...</b>	<b>8</b>

**POTENTIAL SOURCE OF COTAMINATION NARRATIVES**

PSC 5 SHORE LINE FILL WEST OF FUEL FARM.....9  
PSC 8 VACANT LOT FUEL FARM AREA.....9  
PSC 9 DISPOSAL AREA EAST OF FUEL FARM.....10  
PSC 29 ORGANIC DISPOSAL AREA.....10  
PSC 30 OLD DRUM LOT.....11  
PSC 31 ASPHALT MIX AREA..... 11  
PSC 32 BASE LANDFILL.....11  
PSC 38 Torpedo Rework Area.....12  
PSC 44 Drainage Ditch West of JAX.....12  
PSC 45 B 200 Wash Rack.....12  
PSC 50 EAST SIDE WASTE WATER TREATMENT PLANT SLUDGE DISPOSAL.....12  
PSC 55 Sludge Disposal Area.....12

**MUNITION RESPONSE SITE NARRATIVES**

PSCs 22 Fort Dix Skeet Range.....13  
PSC 23 A .50 Caliber Range.....13  
PSC 23 B Former Skeet Range.....13

**UXO1**

PSC 56 Akron Road Pistol Range.....14  
PSC 57 .30 Caliber Range.....14  
PSC 58 Trap Ranges.....15

## 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  
HSA 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  
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  
USEPA United States Environmental Protection Agency  
UST Underground Storage Tank  
VOC Volatile Organic Compound  
WWTP Wastewater Treatment Plant

Final NAS Jacksonville  
 Federal Facilities Agreement  
 Site Management Plan  
 Amendment

Updated 2/7/2011

**Final MILESTONES FOR**

**FEDERAL FACILITIES AGREEMENT  
 SITE MANAGEMENT PLAN AMENDMENT- CALENDAR YEAR 2011**

	Calendar year 1 2010	Calendar year 2 2011	Calendar year 3 2012
<b><u>OU#1: Oil and Solvent Disposal Pits Area</u></b>			
Primary Documents			
<b>dft LUC RD</b>	12/30/2010		
<b>dft 5 year Review</b>		3/1/2011	
Secondary Deliverables:			
<b>dft Groundwater monitoring report</b>		12/30/2011	
<b><u>OU#2: Wastewater Treatment Area</u></b>			
Primary Documents			
<b>dft 5 Year Review</b>		3/1/2011	
<b><u>OU#3: Industrial Area &amp; Dry Cleaners</u></b>			
Primary Deliverables			
<b><u>dft RI Addendum</u></b>			
<b><u>dft FS Addendum</u></b>			
<b><u>dft Proposed Plan Addendum</u></b>			
<b><u>dft 5 Year Review</u></b>		3/1/2011	
<b><u>Dft ROD Amendment</u></b>			
Secondary Deliverables :			
<b><u>draft RACR B&amp;G</u></b>	12/30/2010		
<b><u>dft Biannual Groundwater Monitoring Reports for Areas A, B, &amp; G</u></b>		12/30/2011	
<b><u>OU#4: PSC 21, Casa Linda Lake</u></b>			
Primary Deliverables			
<b>dft 5 Year Review</b>		3/1/2011	

Final NAS Jacksonville  
Federal Facilities Agreement  
Site Management Plan  
Amendment

1 September 2010  
Revision 2.0

	Calendar year 1 2010	Calendar year 2 2011	Calendar year 3 2012
<b><u>OU#5: PSC 51, South Antenna Field Firefighting Training Area</u></b>			
Primary Deliverables :			
<b><u>dft 5 Year Review</u></b>		3/1/2011	
Secondary Deliverables:			
<b><u>Groundwater monitoring report</u></b>		12/30/2011	
<b><u>OU#6: PSC 52, Hangar 1000</u></b>			
Primary Deliverables :			
<b><u>5 Year Review</u></b>		3/1/2011	
Secondary Deliverables:			
<b><u>Groundwater monitoring report</u></b>	12/30/2010	12/30/2011	
<b><u>OU#7: PSC 46, Defense Reutilization &amp; Marketing Office Yard (DRMO)</u></b>			
No ROD yet			
Primary Deliverables:			
<b><u>None</u></b>			
Secondary Deliverables :			
<b><u>None</u></b>			
<b><u>OU#8: PSC 47, Pesticide Shop &amp; Disease Vector Ecology Control Center (DVECC)</u></b>			
(ROD signed Sept 2008)			
Primary Deliverables :			
<b><u>5 year review</u></b>		3/1/2011	
<b><u>Completion Report</u></b>	10/30/2010		
Secondary Deliverables:			
<b><u>Groundwater monitoring report</u></b>	10/31/2010		12/31/2012

Final NAS Jacksonville  
 Federal Facilities Agreement  
 Site Management Plan  
 Amendment

POTENTIAL SOURCE OF CONTAMINATION	Calendar year 1	Calendar year 2	Calendar year 3
	2010	2011	2012
<p><b><u>PSC 5 Shore line fill west of fuel farm</u></b>                      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 <b>ESI is underway</b>.                      Primary Deliverables : _____</p>			
<b>ROD</b>			12/30/2012
Secondary Deliverables:			
<b>None</b>			
<p><b><u>PSC 8 Vacant lot Fuel farm area</u></b>                      Informal LUCs are in place to allow industrial use. Further evaluation is necessary. An Extended Site Investigation (<b>ESI is underway</b>).                      Primary Deliverables : _____</p>			
<b>ROD</b>			12/30/2012
Secondary Deliverables:			
<b>None</b>			
<p><b><u>PSC 9 Disposal Area east of Fuel Farm.</u></b>                      Informal LUCs are in place to allow industrial use. Further evaluation is necessary. An <b>ESI is underway</b>.                      Primary Deliverables : _____</p>			
<b>ROD</b>			12/30/2012
Secondary Deliverables:			
<b>None</b>			
<p><b><u>PSC 29 Organic Disposal Area</u></b>                      Informal LUC prevents residential development. Soil is impacted by PAHs and arsenic. Groundwater is impacted by iron and manganese. <b>ESI is underway</b>.                      Primary Deliverables : _____</p>			
<b>ROD</b>			12/30/2012
Secondary Deliverables:			
<b>None</b>			

Final NAS Jacksonville  
 Federal Facilities Agreement  
 Site Management Plan  
 Amendment

	Calendar year 1	Calendar year 2	Calendar year 3
	<u>2010</u>	<u>2011</u>	<u>2012</u>
<b>PSC 30 Old Drum Lot</b>			
LUCs were proposed in the June, 1999 RRDS. Additional investigation lead to <b>USEPA &amp; FDEP agree with No Action. No ROD required</b>			
Primary Deliverables :			
<b>None</b>			
Secondary Deliverables:			
<b>None</b>			
<b>PSC 31 Asphalt Mix Area</b>			
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. <b>ESI underway.</b>			
Primary Deliverables :			
<b>ROD</b>			12/30/2012
Secondary Deliverables:			
<b>None</b>			
<b>PSC 32 Base Landfill.</b>			
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 <b>ESI is underway.</b>			
Primary Deliverables :			
<b>ROD</b>			12/30/2012
Secondary Deliverables:			
<b>None</b>			

Final NAS Jacksonville  
Federal Facilities Agreement  
Site Management Plan  
Amendment

1 September 2010  
Revision 2.0

<b><u>PSC 38 Torpedo Rework Area</u></b>	Calendar year 1	Calendar year 2	Calendar year 3
	<b>2010</b>	<b>2011</b>	<b>2012</b>
Primary Deliverables : _____			
<b>dft RI/FS</b>			10/30/2012
<u>Secondary Deliverables:</u>			
<b>UFP SAP RI/FS</b>		6/30/2011	
<b><u>PSC 44 Drainage Ditch West of JAX</u></b>			
Land Use Controls are in Place, ROD completed 1998.			
Primary Deliverables : _____			
<b>None</b>			
Secondary Deliverables: _____			
<b>None</b>			
<b><u>PSC 45 B 200 Wash Rack</u></b>			
SI completed 2010, RI/FS LUCRD & ROD have been awarded			
Primary Deliverables : _____			
<b>dft RI/FS</b>		9/30/2011	
<b>dft ROD</b>			12/30/2012
<b>dft LUC RD</b>		12/30/2011	
<u>Secondary Deliverables:</u>			
<b>dft RI/FS UFP SAP</b>	10/30/2010		
<b><u>PSC 50 East side Waste water Treatment Plant sludge disposal</u></b>	Calendar year 1	Calendar year 2	Calendar year 3
	<b>2010</b>	<b>2011</b>	<b>2012</b>
Informal LUCs (industrial use only) are in effect at this site due to Arochlor-1260 detected in subsurface soil samples. An <b>ESI is underway</b> .			
Primary Deliverables : _____			
<b>ROD</b>			12/30/2012
<u>Secondary Deliverables:</u>			
<b>None</b>			
<b><u>PSC 55 Sludge Disposal Area</u></b>			
SI is underway. RI/FS has been awarded .			
Primary Deliverables : _____			
<b>dft RI/FS</b>			12/30/2012
<u>Secondary Deliverables:</u>			
<b>dft UFPSAP</b>		6/30/2011	

Final NAS Jacksonville  
 Federal Facilities Agreement  
 Site Management Plan  
 Amendment

	Calendar year 1	Calendar year 2	Calendar year 3
	2010	2011	2012
<b>MUNITION RESPONSE SITES-SI report to be submitted &amp; approved by 30 Sep 10</b> <b>1. PSCs 22 Fort Dix Skeet Range</b> <i>Description:</i> Constructed i Range features were demolished in the late1990s. COCs: Lead & PAHs Active from 1943 to about mid 1950s. Munitions were 12 gauge shot guns.			
<u>Primary Deliverables :</u>			
<b>draft RI/FS</b>			12/31/2012
<u>Secondary Deliverables:</u>			
<b>UFPSAP RI/FS</b>		12/31/2011	
	Calendar year 1	Calendar year 2	Calendar year 3
	2010	2011	2012
<b>PSC 23 A .50 Caliber Range</b> <i>Description:</i> 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			
<u>Primary Deliverables :</u>			
<b>draft RI/FS</b>			12/31/2012
<u>Secondary Deliverables:</u>			
<b>UFPSAP RI/FS</b>		12/31/2011	
	Calendar year 1	Calendar year 2	Calendar year 3
	2010	2011	2012
<b>PSC 23 B Former Skeet Range</b> <i>Description:</i> Active from 1941 to abo the late1990s.12 guage shot guns. COCs: lead & PAHs Range features were demolished in			
<u>Primary Deliverables :</u>			
<b>draft RI/FS</b>			12/31/2012
<u>Secondary Deliverables:</u>			
<b>UFPSAP RI/FS</b>		12/31/2011	

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

<b>UX01 (PSCs 56, 57, 58)</b>	Calendar year 1	Calendar year 2	Calendar year 3
	<u>2010</u>	<u>2011</u>	<u>2012</u>
<p><b>PSC 56 Akron Road Pistol Range</b></p> <p><i>Description:</i> Approximately 2.3 acres. Included .30 caliber range, .50 caliber range, air blast range, trap shooting, skeet range &amp; a synchronized gun range. Except pistol range, now a golf course. Munitions were limited to small arms (.22, .38, .45, 9 mm &amp; 12 gauge shot gun). COCs: lead, antimony, arsenic, copper nickel, zinc, &amp; lead azide/lead styphnate.</p> <p><i>Work to date:</i> Aug 1994 soil samples from the backstop &amp; 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 &amp; was encroaching upon the golf course. Range was closed. Bullet removal &amp; additional lime was applied in 2000. The range was formerly closed 8/19/02.</p>			
<u>Primary Deliverables :</u>			
<b>draft RI/FS</b>			12/31/2012
<u>Secondary Deliverables:</u>			
<b>UFPSAP RI/FS</b>		12/31/2011	
<b>PSC 57 .30 Caliber Range</b>	Calendar year 1	Calendar year 2	Calendar year 3
	<u>2010</u>	<u>2011</u>	<u>2012</u>
<p><b>PSC 57 .30 Caliber Range</b></p> <p><i>Description:</i>Active from 1941 to about 1978. Approx. 1.3 acres. Used as a machine gun range. Consisted of 8 firing positions &amp; 4 targets, 50 feet down range. Range features demolished late1990s. Formerly closed 8/19/02. COCs: lead, antimony, arsenic, copper nickel, zinc, &amp; lead azide/lead styphnate.</p>			
<u>Primary Deliverables :</u>			
<b>Draft RI/FS</b>			12/31/2012
<u>Secondary Deliverables:</u>			
<b>UFPSAP RI/FS</b>		12/31/2011	
<b>PSC 58 Trap Ranges</b>	Calendar year 1	Calendar year 2	Calendar year 3
	<u>2010</u>	<u>2011</u>	<u>2012</u>
<p><b>PSC 58 Trap Ranges</b></p> <p><i>Description:</i> 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 &amp; lead. Shot gun ammo and clay targets primary constituents include lead and PAHs from pitch tar in clay pigeons.</p>			
<u>Primary Deliverables :</u>			
<b>Draft RIFS</b>			12/31/2012
<u>Secondary Deliverables:</u>			
<b>UFPSAP RI/FS</b>		12/31/2011	