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FINAL  
SITE MANAGEMENT PLAN  
(SMP)  
OF THE  
INSTALLATION RESTORATION PROGRAM  
FOR  
NAVAL AIR STATION PENSACOLA  
PENSACOLA, FLORIDA

NOVEMBER 8, 1991  
YEARLY UPDATE REVISION 2

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Enclosure (1)

**SITE MANAGEMENT PLAN**  
NAVAL AIR STATION (NAS) PENSACOLA  
PENSACOLA, FLORIDA

8 NOVEMBER 1991  
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**1. THE BASIS FOR A SITE MANAGEMENT PLAN (SMP)**

The requirement for the Site Management Plan (SMP) is identified in the Federal Facilities Agreement (FFA) signed by the Environmental Protection Agency (EPA), the State of Florida- Florida Department of Environmental Regulation (FDER), and the Department of the Navy (DON). The FFA was entered into based on the requirement for an interagency agreement identified in the Superfund Amendments and Reauthorization Act (SARA), Section 120 (e)(2). The intent of the plan is to provide: (1) an action deemed necessary to mitigate any immediate threat to human health of the environment, (2) a list of Operable Units (OUs) subject to the tenets of the FFA, (3) a prioritization and rationale for the OUs at NAS Pensacola, (4) activities and schedules for work planned the current year, including the submittal schedule for both primary and secondary documents, and (5) work projections for subsequent calendar years. With the FFA being signed on 23 October 1990, and having a declared effective date of 1 November, this is the first Yearly Update of the SMP.

**2. OVERALL MANAGEMENT APPROACH**

Three major investigations have been conducted at NAS Pensacola. The DoN developed the Navy Assessment and Control of Installation Pollutants (NACIP) Program to identify and control environmental contamination from past use and disposal of hazardous substances at Navy and Marine Corps Installations. The NACIP Program is now part of the Navy's Installation Restoration Program (NIRP), and is similar to the EPA "Superfund" Program authorized by the Comprehensive Environmental Response, Compensation, and Liability Act (CERCLA) of 1980. The three major investigation activities performed at NAS Pensacola under the NIRP or Superfund Programs are the following: (1) Initial Assessment Study (IAS) or Preliminary Assessment (PA), (2) Verification Study (VS) or Site Inspection (SI), (3) and the Confirmation Study (CS) or Extended Site Inspection (ESI). The IAS (1982-1983) was conducted by the Naval Energy and Environmental Support Activity (NEESA) which identified and assessed 29 potential sources of contamination (PSC) at NAS Pensacola, and which could pose a potential threat to human health or the environment as a result of contamination derived from past Naval operations. The VS (1984) and the CS (1985-1986) were conducted by Geraghty & Miller, Inc. to confirm or refute the presence of contamination at the PSC sites identified in the IAS, as well as possibly locate additional PSCs. If contamination was detected, the magnitude and the extent of contamination would have been evaluated to allow for the recommendation of future remedial response action at these PSCs.

In addition to the NIRP/CERCLA Program, NAS Pensacola has other active regulatory programs. A Florida Resource Conservation and Recovery Act (RCRA) permit was issued to NAS Pensacola by the FDER. Concurrently, a RCRA/Hazardous and Solid Waste Amendments (HSWA) permit was issued to the installation by EPA on July 1988. A RCRA Facility Assessment (RFA) was included in the EPA issued permit, and additional PSCs sites were located. An Underground Storage Tank (UST) Program is currently investigating over 21 tanks as provided by the Florida Administrative Code, Section 17-770.

There is a total of 42 PSCs which have been identified at NAS Pensacola (See Table 1-1). Of the 42 PSCs (see Table 1-1), seventeen (17) PSCs are undergoing screening and twenty (20) PSCs require RI/FS as identified in the FFA. The screening process of the 17 PSCs is due to the present data quality objective inadequacies and data gaps, or due to a preliminary determination that no further action is required. The 17 PSCs undergoing screening will not be included or tracked in the SMP, unless they have been around with Operable Units for investigative and reporting purposes. Each Operable Unit Narrative thus identifies and briefly describes all sites to which the accompanying Operable Unit specific schedules applies. The schedules are enforceable, however, only for these sites for which an RI/FS has been required. Screening is currently underway or planned for seventeen (17) PSCs in the IR program, and a schedule status will continually track the investigation progress and provide updates to the Remedial Project Managers (RPMs). The five (5) remaining PSCs which will not proceed in the IR Program are PSCs Sites 19, 20, 21, 23, and 37, and these sites have been transferred to the Underground Storage Tank (UST) Program. These five (5) PSCs are not included or tracked in this SMP. The UST Program is a State and EPA regulated program, in which the State of Florida has a regulated process for the remediation of petroleum contaminated sites.

The SMP provides a PSC Installation Restoration (IR) Program event management plan. Included in the SMP is a description of NAS Pensacola's PSC program arrangement into Remedial Activity groupings or Operable Units (OUs). The SMP discusses and identifies the management and deliverables of those PSCs undergoing the RI/FS Phase I and Phase II for 1991- 1992 such as field work, data reports, and workplans. This SMP also projects the management and the deliverables for outlying years 1993, 1994, and 1995 such as Baseline Risk Assessment Report, Feasibility Study, proposed Remedial Action Plan (RAP), and the Record of Decision. The projected scheduling of the IR program tasks is shown through the signing of the record of decision and the published public notice. Detailed within this SMP are the program events to take place in the upcoming year (1991-1992), as well as the delivery due dates for draft primary documents and target dates for secondary program documents.

TABLE 1-1  
 IDENTIFICATION OF PSCS REQUIRING ACTION  
 NAS PENSACOLA

Group ltr	OU#	PSC#	Batch#	Site Description	FFA Requires	Type of Contamination
A	1	1	1	Sanitary landfill	H,C RI/FS	Solvents, PCB, Plating Soln, oil, paints, mercury, and asbestos.
C	3	2	1	Waterfront Sediments	H,C RI/FS	Solvents, cyanide, metals
J	a	3	2	Crash Crew Training	H,C RI/FS	Leaded gas
L	-	4	4	Army Rubble Disposal	C screen	Rubble, timber pipes, other wastes
L	-	5	4	Borrow Pit	C screen	unknown
L	-	6	4	Fort Redoubt Rubble Disposal	C screen	Concrete, asphalt rubble, wood, metal, plastics, and other debris
K	-	7	2	Firefighting School	C screen	POLs
H	-	8	4	Rifle Range	C screen	solid waste, paper
F	6	9	2	Navy Yard Disposal	C RI/FS	trash, and refuse
F		10	2	Commodores Pond	C screen	underwater storage of oak timbers
B	2	11	1	N. Chevalier Disposal Field	H,C RI/FS	Industrial waste, oils, HW
B	-	12	1	Scrap Bins	C screen	Wet garage
C	-	13	1	Magazine Point Rubble Disposal	C screen	Rubble, metal, concrete, wood, bricks
C	-	14	1	Dredge Spoil Fill	C screen	Dredge material
D	4	15	1	Pesticide Rinsate Disposal Area	H,C RI/FS	Organic pesticide

TABLE 1-1 (Continued)

IDENTIFICATION OF PSCS REQUIRING ACTION  
 NAS PENSACOLA

Group ltr	OU#	PSC#	Batch#	Site Description	FFA Requires	Type of Contamination
L	-	16	4	Brush Disposal Area	C screen	pruning and tree trimming refuse
I	14	17	4	Transformer Storage Yard	H,C RI/FS	Dielectric oils, PCBs
I	-	18	4	PCB Spill Area	C screen	Transformer oil, PCBs
J	-	19	2	Fuel Farm Pipeline Leak	U screen	JP-4
K	-	20	2	Pier Pipe Leak	U screen	POLS
K	-	21	2	Sludge at Fuel Tanks	U screen	AVGAS
H	13	22	4	Refueler Repair Shop	C RI/FS	Aviation gas, JP w/ lead
F	-	23	2	Chevalier Field Leak	U screen	NSFO, DFM
D	-	24	1	DDT Mixing Area	C screen	DDT w/diesel fuel
G	-	25	2	Radium Spill Site	C screen	Radioactive waste
B	-	26	1	Supply Department Outside Storage	H,C RI/FS	Industrial waste, oils
G	7	27	2	Radium Dial Shop Sewer	H,C RI/FS	Radium, phosphors, cleaning soln
I	-	28	4	Transformer Accident	C screen	Transformer oil
F	6	29	2	Soil South of Bldg 3460	H,C RI/FS	Slimy black substance (unknown)
E	5	30	1	Bldg. 649 & 755	H,C RI/FS	Metals, acids, caustics, degreasers, chromatic soln, cyanide
M	9	31	2	Soil North of Bldg. 648	H,C RI/FS	Waste paint, thinner, paint sludge

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TABLE 1-1 (Continued)

IDENTIFICATION OF PSCS REQUIRING ACTION  
 NAS PENSACOLA

Group ltr	OU#	PSC#	Batch#	Site Description	FFA Requires	Type of Contamination
O	10	32	3	IWTP Sludge Drying Beds	H,C RI/FS	F006 HW
O	10	33	3	WWTP Ponds	H,C RI/FS	F006 HW
F	-	34	2	Solvent North of Bldg 3557	H,C screen	solvent detergent
O	10	35	3	Miscellaneous IWTP SWMUs	H,C screen	unknown
N	-	36	2	IWTP Sewer	H,C screen	Industrial waste
-	-	37	-	Sherman Field Fuel Farm	U screen	JP, POL
P	11	38	4	Bldg. 71	H,C RI/FS	Paint stripper, ketone, TCE
Q	12	39	4	Oak Grove Campground Site	H,C RI/FS	Debris, POL, broken clay coal
R	15	40	5	Bayou Grande Area	C RI/FS	unknown
S	16	41	5	NASP Wetlands	C RI/FS	unknown
T	17	42	5	Pensacola Bay	C RI/FS	unknown

\*\* Explanation:

Statutes: H- HWSA  
 C- CERCLA  
 U- UST

In addition, the CERCLA Remedial Investigation/Feasibility Study (RI/FS) process will be tailored to allow prioritization of PSCs according to potential threat to human health and the environment. The process will initially focus on source identification, with delineation of soil/sediment, groundwater and surface water contamination. In this process data are continually assessed and sites are evaluated to determine if contamination is present, if it presents a threat, if it has been delineated, and finally what further action is needed (i.e., delineation, IRA, or evaluation of remedial alternatives. This process will attempt to reduce lengthy interim report development and review times by allowing continual data assessment and rapid decision-making. In addition, the ideal purpose of this approach is to eliminate the need for the development of formal interim data reports. Specifically, the data gaps and the information needed to fill those gaps shall be identified by evaluating the data itself rather than by evaluating a formal data report. The formal report shall be prepared once the nature and extent of contamination has been adequately delineated for the purposes of performing a Baseline Risk Assessment (BRA) and selecting a Remedial Action.

Decisions concerning data assessment and actions to be taken will be made during Remedial Project Managers (RPM) meetings which will include representatives from EPA, FDER, and the Navy. These meetings will provide a forum for discussion of investigative results and proposed actions. The verbal decisions may be final with no reporting and review time required.

If initial data evaluation shows groundwater and/or surface water to be an immediate threat to human health or the environment, interim actions may be performed to mitigate further transport from the site. If groundwater or surface water contamination is not judged to be an immediate threat, delineation may be performed on a larger scale by viewing local aquifer and surface water systems as an individual operable unit(s) which may be impacted by several sites simultaneously.

This approach synthesizes prioritization of PSCs with a realistic view of dynamic environmental systems. Areas which are more easily defined can be identified and treated, thereby removing potential sources of contamination in a timely manner. Flowing groundwater and surface water systems are naturally continuous without regard for PSC boundaries, and may be investigated and treated as a single system or as a set of systems.

Through this approach, the RI/FS process can be responsive to individual PSC characteristics and technical requirements, and attempt to minimize lengthy delays between field actions. This provides the Navy the flexibility to address PSC(s), OU(s), or a set of PSC(s)/OU(s) separately or as a whole. In addition, specific matrices (i.e., soil/sediment, groundwater, surface water, or air) of individual PSC(s), or OU(s), can be treated separately if necessary, or a single matrix may be investigated at one time across the entire facility.

As agreed upon in the FFA, the DoN shall update the SMP yearly. Updates (due September 1 of each year) will reflect changes in project priorities, changes in scheduling, and the addition or deletion of sites due to the site condition or program accomplishments with the continued regulatory agency and the Technical Review Committee (TRC) review.

### 3. RATIONALE FOR OPERABLE UNIT SITE GROUPINGS

To facilitate implementation of the NAS Pensacola RI/FS program, the 17 PSCs requiring RI/FS and the 3 areas to be considered if supporting data warrants have been clustered into 17 Operable Units (OUs). The scheduled work at these OUs is being offset based on relative potential threat, schedule optimization and task management. The phasing priorities were formulated in the Site Management Plan, July 1990 (Ecology and Environment) of the Work Plans as well as other previous documents. This Plan was approved on 23 October 1990. The criteria used to generate the RI/FS OUs is as follows:

- 1) geographic proximity of sites;
- 2) similar contamination types;
- 3) similar aquifer contamination zones;
- 4) similar potential investigation methods;
- 5) potential scope and complexity of the investigation;
- 6) mission impact of remedial activities;
- 7) regulatory concerns; and
- 8) similarity of potential remedial actions.
- 9) potential for human exposure/contact
- 10) suspected mobility of potential contaminants
- 11) potential for off-site migration and exposure
- 12) relative threat to groundwater (e.g., suspected date, and volume of release)

These Operable Units may be re-defined as more data is collected and evaluated. Ultimately, an Operable Unit will consist of PSCs and matrices which require similar remedial efforts.

Due to the large number of PSCs on NAS Pensacola overall, the number of PSCs in each RI/FS OU, and the aggregate complexity of the contamination problem at each OU, the commencement of work at all OUs concurrently is not feasible; therefore, a phased approach has been implemented. The schedule is staggered in nature to provide for a coherent effort by the investigative and engineering team to enable a higher quality assessment of the problem and more accurate identification of a suitable remedial response action required.

The aggregation of the PSCs and the assignment of phasing priorities was based on the twelve (12) criteria stated above. The specific aggregation issues are discussed in the accompanying OU specific narratives. The assignment of priorities was driven by the actual or potential threat posed by the PSC's known or suspected contamination.

#### 4. PSC SITE SMP EXCLUSION

The 17 potential sources of contamination (PSCs) undergoing screening activities are not included nor otherwise addressed hereafter in the SMP, unless they have been grouped with Operable Units for investigative and reporting purposes. After screening the 17 PSCs, the DoN will determine future response activities. If RI/FS activities are recommended, the DoN shall incorporate these PSCs into existing Operable Units, or designate them as new Operable Units following the criteria listed in Section 3. When established, the future additional OUs shall become part of the SMP, and a revision to the SMP shall be made. Additionally as stated earlier, five PSCs Sites 19, 20, 21, 23, and 37 have been transferred to the UST Program for response activities detailed in Florida Administrative Code 17-770, and are not included in the SMP or the DoN's IR Program.

#### 5. OPERATIONAL UNIT IN

The schedules of the operable units are based on the issuance of draft primary and secondary submittals. The schedule allows for review and comment periods as identified in the FFA. If these review and comment periods are shortened by the parties of the FFA by their ability to perform the required review in less than the provided periods, the DoN may be able to start and execute plans earlier.

Also, the following line items have been listed as a reminder:

- (1) The SMP schedule assumes no dispute resolution.
- (2) Quarterly reports will be submitted as required in the FFA .
- (3) Sampling and Analysis Plans and Health and Safety Plans are submitted concurrently with the Work Plans and are not listed as separate deliverables.

#### 6. OPERATIONAL UNIT NARRATIVES

The following are narratives describing the contents of each OU. A brief description of each OU and what is known about the contamination and an assessment of its present threat is included. The events for the upcoming year are listed, and the due dates of primary documents and the target dates of secondary documents are provided. A schedule of the projected submittal dates for primary documents only is included for the first outlying year. The upcoming and outlying year are on one time line Gantt Chart schedule. For the long term view, a list of projected schedule program tasks through the published public notice of the record of decision is identified.

**RI/FS OPERABLE UNIT #1: SANITARY LANDFILL, PSC SITE #1: GROUP A**

**DESCRIPTION:**

This large Solid Waste Management Unit (SWMU) received both sanitary and industrial waste over a 20 year period. Over the years, this site has received various wastes. These waste include solvents, PCBs, plating solutions, pesticides, oils, paints, and mercury. Reportedly, asbestos is also buried here. Twelve (12) shallow and three (3) deep monitoring well are located in the site vicinity. Samples taken from monitoring well indicate groundwater contamination exists in both the shallow and deep layer of the uppermost aquifer. These aquifers are separated by a locally semi-confining clay layer. Shallow groundwater moves north and east and discharges into the Bayou Grande. The flow direction in the underlying aquifer is southward. Two (2) deep wells used as occasional potable water supply tap into the deep aquifer. These wells are southwest within one (1) mile radius of the site. None of these wells are known to be contaminated. At the time the IAS report was completed, this site and those identified with it in the report were prioritized according to worst-first prior to the signing of the FFA also the site were prioritized according to the magnitude and/or toxicity of suspected contamination, potential threat to human health, and off-site migration of contaminants.

**1992 Primary Deliverables:**

**Due Date:**

Draft/Final Phase 11 Workplan	Navy transmits on 28 May 92
Final Phase II Workplan	Navy transmits on 27 Jun 92
Draft Feasibility Study	Navy transmits on 27 Jul 92
(Agency Review Comments)	Due within 90 days of Plan delivery
(Navy Receives Comments)	Due 7 days after the 90 day review period
(Navy Addresses Comments)	Due 60 days after received comments
Site Management Plan (Revised)	Yearly update Sep 92

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**RI/FS OPERABLE UNIT #1: SANITARY LANDFILL; PSC SITE #1; GROUP A  
continued:**

**1992 Secondary Deliverables:**

**Target Date:**

Quarterly Reports

Navy transmits on 10 Apr,  
July, and Oct.

**Projected Deliverables**

**Projected Date:**

Draft/Final Feasibility Study (P)	Navy transmits	8 Mar 93
Final Feasibility Study (P)	Navy transmits	7 Apr 93
Draft Proposed Plan (P)	Navy transmits	13 Jun 93
Draft RI Report (P)	Navy transmits	29 Jun 93
Draft Baseline Risk Assessment (S)	Navy transmits	29 Jun 93

**Note:**

(P) designates a Primary Document according to page 21 of FFA  
(S) designates a Secondary Document according to page 22 of FFA

**RI/FS OPERABLE UNIT #1: SANITARY LANDFILL, PSC SITE #1; GROUP A**

<b>Task Name</b>	<b>Start Date</b>	<b>End Date</b>	<b>Durrtn (Days)</b>
<b>WORK PLAN APPROVAL</b>	23-Oct-90	23-Oct-90	0.0
<b>RI/FS PHASE 1</b>	24-Oct-90	16-Nov-91	<b>388.0</b>
FIELD WRK, DATA RPT	24-Oct-90	27-by-91	215.0
SUBMIT DRAFT DATA RPT	26-May-91	2-Jw-91	7.0
AGENCY REVIEW	2-Juri-91	26-Sep-91	116.0
NAVY RECYS COMMENTS	12-Aug-91	26-Sep-91	45.0
ADDRESS COMMENTS	26-Sep-91	17-Oct-91	21.0
MAIL COMMENTS	17-Oct-91	26-Oct-91	7.0
PREPARE FINAL DATA REPORT	12-Aug-91	17-Oct-91	<b>66.0</b>
SUBMIT FINAL DATA REPORT	17-Oct-91	24-Oct-91	7.0
DATA RPT FINALIZED	17-Oct-91	16-Nov-91	30.0
<b>RI/FS PHASE II</b>	30-Jul-91	10-Mar-94	954.0
RI REPORT	30-Jul-91	10-Mar-94	954.0
RESUBMIT DRFT WKPLAN	30-Jul-91	17-Oct-91	<b>79.0</b>
AGENCY REVIEW	17-Oct-91	15-Jan-92	90.0
NAVY RECYS COMMENTS	15-Jan-92	22-Jan-92	7.0
ADDRESS COMMENTS	22-Jan-92	22-Mar-92	60.0
MAIL COMMENTS	22-Mar-92	29-Mar-92	7.0
PREPARE DRAFT/FINAL	22-Mar-92	21-May-92	60.0
SUBMIT DRAFT/FINAL	21-May-92	28-May-92	7.0
WK PUNS FINALIZED	28-May-92	27-Jun-92	30.0
FIELD WORK & RPT	27-Jun-92	22-Juri-93	360.0
SUBMIT DRAFT RI RPT	22-Jun-93	29-Jun-93	7.0
AGENCY REVIEW	29-Jun-93	27-Sep-93	90.0
NAVY RECYS COMMENTS	27-Sep-93	4-Oct-93	7.0
ADDRESS COMMENTS	6-at-93	3-Dec-93	60.0
MAIL COMMENTS	3-Dec-93	10-Dec-93	7.0
PREPARE DRAFT/FINAL	3-Dec-93	1-Ftb-94	60.0
SUBMIT DRAFT/FINAL	1-Fcb-94	8-Ftb-94	7.0
RI REPORT FINALIZED	8-Fcb-94	10-Mar-94	30.0
<b>BASELINE RISK</b>	27-J W-92	10-Mar-94	621.0
PREPARE DRFT MSELINE	27-Jun-92	22-Juri-93	<b>360.0</b>
SUBMIT DRAFT MSELINE	22-Jw-93	29-Jun-93	7.0
AGENCY REVIEW	29-Jun-93	27-Sep-93	90.0
NAVY RECYS COMMENTS	27-Sep-93	4-Oct-93	7.0
ADDRESS COMMENTS	4-Oct-93	3-Dec-93	60.0
MAIL COMMENTS	3-Dec-93	10-Dec-93	7.0
PREPARE DRAFT/FINAL	3-Dec-93	1-Feb-94	60.0
SUBMIT DRAFT/FINAL	1-Feb-94	8-Fcb-94	7.0
MSELINE FINALIZED	8-Cab-94	10-Mar-94	30.0
<b>FEASIBILITY STUDY</b>	21-Hay-92	7-Apr-93	321.0
PREPARE DRAFT FS	21-May-92	20-Jul-92	60.0
SUBMIT DRAFT FS	20-Jul-92	27-Jul-92	7.0
AGENCY REVIEW	27-Jul-92	25-Oct-92	<b>90.0</b>
NAVY RECYS COMMENTS	25-at-92	1-Nov-92	7.0
ADDRESS COMMENTS	1-Nov-92	31-Dec-92	<b>60.0</b>
MAIL COMMENTS	31-Dec-92	7-Jan-93	7.0
PREPARE DRFT/FINAL	31-Dec-92	1-Mar-93	60.0
SUBMIT DRAFT/FINAL	1-Mar-93	8-Mar-93	7.0
FS RPT FINALIZED	8-Mar-93	7-Apr-93	30.0
<b>PROPOSED PLAN (PP)</b>	7-Apt-03	22-Jun-94	461.0
<b>RECORD OF DECISION</b>	23-Apr-94	5-Fcb-95	288.0

TIME LINE Task Report

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RI/FS OPERABLE UNIT #1: SANITARY LANDELL, PSC SITE #1; GROUP A

Task Name	Start Date	End Date	Duratn (Days)	91												92				93							
				Nov 1	Dec 1	Jan 1	Feb 1	Mar 1	Apr 1	May 1	Jun 1	Jul 1	Aug 1	Sep 1	Oct 1	Nov 1	Dec 1	Jan 1	Feb 1	Mar 1	Apr 1	May 1	Jun 1	Jul 1	Aug 1		
WORK PLAN APPROVAL	23-at-90	23-Oct-90	0	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.				
RI/FS PHASE I	24-Oct-90	16-Nov-91	388	=====	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.				
RI/FS PHASE II	30-Jul-91	10-Mar-94	954	#####	#####	#####	#####	#####	#####	#####	#####	#####	#####	#####	#####	#####	#####	#####	#####	#####	#####	#####	#####				
RI REPORT	30-Jul-91	10-Mar-94	954	#####	#####	#####	#####	#####	#####	#####	#####	#####	#####	#####	#####	#####	#####	#####	#####	#####	#####	#####	#####				
RESUBMIT DRFT WPLAN	30-Jul-91	17-at-91	79	X.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.				
AGENCY REVIEW	17-at-91	15-Jan-92	90	XXX (XXXXXXXXXX	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.				
NAVY RECVS COMMENTS	15-Jan-92	22-Jan-92	7	.	.	XX.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.				
ADDRESS COMMENTS	22-Jan-92	22-Mar-92	60	.	.	KXXXXXXXXX	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.				
MAIL COMMENTS	22-Mar-92	29-Mar-92	7	.	.	.	.	.	.	X	.	.	.	.	.	.	.	.	.	.	.	.	.				
PREPARE DRAFT/FINAL	22-Mar-92	21-May-92	60	.	.	.	.	.	.	XXXXXXXXXX	.	.	.	.	.	.	.	.	.	.	.	.	.				
SUBMIT DRAFT/FINAL	21-May-92	28-May-92	7	.	.	.	.	.	.	XX.	.	.	.	.	.	.	.	.	.	.	.	.	.				
WORK PLANS FINALIZED	28-May-92	27-Jun-92	30	.	.	.	.	.	.	XXXXX.	.	.	.	.	.	.	.	.	.	.	.	.	.				
FIELD MRK & RPT	27-Jun-92	22-Jun-93	360	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.				
SUBMIT DRAFT RI RPT	22-Jun-93	29-Juni-93	7	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.				
AGENCY REVIEW	29-Jun-93	27-Sep-93	90	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.				
NAVY RECVS COMMENTS	27-Sep-93	4-Oct-93	7	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.				
ADDRESS COMMENTS	4-Oct-93	3-Dec-93	60	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.				
MAIL COMMENTS	3-Dec-93	10-Dec-93	7	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.				
PREPARE DRAFT/FINAL	3-Oec-93	1-Feb-94	60	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.				
SUBMIT DRAFT/FINAL	1-Feb-94	8-Feb-94	7	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.				
RI REPORT FINALIZED	8-Feb-94	10-Mar-94	30	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.				
+ BASELINE RISK	27-dun-92	10-Mar-94	621	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.				
FEASIBILITY STUDY	21-May-92	7-Apr-93	321	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.				
PREPARE DRAFT FS	21-May-92	20-Jul-92	60	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.				
SUBMIT DRAFT FS	20-Jul-92	27-Jul-92	7	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.				
AGENCY REVIEW	27-Jul-92	25-Oct-92	90	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.				
NAVY RECVS COMMENTS	25-Oct-92	1-Nov-92	7	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.				
ADDRESS COMMENTS	1-Nov-92	31-Oec-92	60	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.				
MAIL COMMENTS	31-Dec-92	7-Jan-93	7	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.				
PREPARE DRFT/FINAL	31-Dec-92	1-Mar-93	60	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.				
SUBMIT DRAFT/FINAL	1-Mar-93	8-Mar-93	7	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.				
FS RPT FINALIZED	8-Mar-93	7-Apr-93	30	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.				
PROPOSED PLAN (PP)	7-Apr-93	22-Jun-94	441	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.				
RECORD OF DECISION	23-Apr-94	5-Feb-95	288	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.				

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 XXXX Detail Task    ##### Summary Task    \*\*\*\*\* Baseline  
 .XXX (Progress)    ==### (Progress)    >>> Conflict  
 XX-- (Slack)       ###-- (Slack)       ..XXX Resource delay  
 Progress shows Percent Achieved on Actual    M Milestone  
 ----- Scale: 7 days per character -----

**SITE MANAGEMENT PLAN  
NAVAL AIR STATION PENSACOLA  
PENSACOLA, FLORIDA**

8 NOVEMBER 1991  
PAGE 14 OF 76

**RI/FS OPERABLE UNIT #2: NORTH CHEVALIER FIELD DISPOSAL AREA, PSC  
SITE 11: AND SUPPLY DEPARTMENT OUTSIDE STORAGE AREA, PSC SITE 26:  
GROUP B**

**DESCRIPTION:**

PSC Site 11- North Chevalier Field Disposal Area: This site received industrial waste and oils, including hazardous waste. Eleven (11) shallow monitoring wells have been installed, three (3) of which have been destroyed. One (1) deep well is also in place. Analytical data from the wells indicate both shallow and deep contamination of groundwater with heavy metals and VOCs. Groundwater flow in the shallow system is eastward toward the creek leading into the Bayou Grande. Sediment samples taken during the NACIP Study showed high concentrations of heavy metal. Borings to define the lateral and vertical extent of the landfill indicate construction debris east of the creek. The total lateral extent of the site is unknown. Old topographic surveys indicate the fill encompasses several hundred thousand square feet of the original tidal creek area.

PSC Site 26- Supply Department Outside Storage Area: A 90 square foot outside area, south of building 684, used to store containers of industrial materials. The containers were stored on steel mats. Leakage is reported to have occurred from these containers. Since PSC Site 11 is downgradient from this area, in depth studies will be conducted.

The following Screening Sites which will be investigated and reported on concurrently with this Operable Unit include; PSC Site 12: Scrap Bins which is located approximately 800 feet northwest of Chevalier Field and 600 feet west of Site 11. Most of the site area is enclosed by a fence and covered with a large concrete pad where heavy equipment is currently kept. From the early 1930 to mid 1940, garbage from NAS Pensacola was placed scrap bins and stored in this area (industrial wastes were sent to the North Chevalier Disposal Area). Approximately 16 cubic yards (2 truck loads) per day of wet garbage was stored here before being hauled off and used as livestock feed. There is no evidence of hazardous material disposal at this site.

These PSC sites were grouped together mainly due to geographic proximity of sites, similar contamination types, and similar potential investigation methods.

RI/FS OPERABLE UNIT #2: NORTH CHEVALIER FIELD DISPOSAL AREA, PSC  
SITE 11; AND SUPPLY DEPARTMENT OUTSIDE STORAGE AREA, PSC SITE 26;  
GROUP B. continued:

1992 Primary Deliverables:

Due Date:

Draft/Final RI/FS Phase II Workplan (P)	Navy transmits 28 May 92
Final Phase II Workplans (P)	Navy transmits 27 Jun 92
Draft Feasibility Study (P) (Agency Review Comments)	Navy transmits 27 Jul 92
(Navy Receives Comments)	Due within 90 days of Plan delivery
(Navy Addresses Comments)	Due 7 days after the 90 day review period
Site Management Plan (Revised)	Due 60 days after received comments
	Yearly update Sep 92

1992 Secondary Deliverables:

Target Date:

Quarterly Reports	Navy transmits on 10 Apr, July, and Oct.
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Projected Deliverables

Projected Date:

Draft/Final Feasibility Study (P)	Navy transmits 8 Apr 93
Final Feasibility Study (P)	Navy transmits 7 Apr 93
Draft Proposed Plan (P)	Navy transmits 13 Jun 93
Draft RI Report (P)	Navy transmits 29 Jun 93
Draft Baseline Risk Assessment (S)	Navy transmits 29 Jun 93

Note:

(P) designates a Primary Document according to page 21 of FFA  
(S) designates a Secondary Document according to page 22 of FFA

**RI/FS OPERABLE UNIT #2: NORTH CHEVALIER FIELD DISPOSAL AREA, PSC  
SITE 11; AND SUPPLY DEPARTMENT OUTSIDE STORAGE AREA, PSC SITE 26;  
GROUP B**

<b>Task Name</b>	<b>Start Date</b>	<b>End Date</b>	<b>Ouratn (Days)</b>
WORK PLAN APPROVAL	23-Oct-90	23-Oct-90	0.0
<b>RI/FS PHASE 1</b>	24-Oct-90	16-Nov-91	<b>388.0</b>
FIELD WORK, DATA RPT	24-Oct-90	27-May-91	215.0
SUBMIT DRAFT DATA RPT	26-May-91	2-Jun-91	7.0
AGENCY REVIEW	2-Jun-91	26-Sep-91	116.0
NAVY RECVS COMMENTS	12-Aug-91	26-Sep-91	45.0
ADDRESS COMMENTS	26-Sep-91	17-Oct-91	21.0
MAIL COMMENTS	17-Oct-91	24-Oct-91	7.0
PREPARE FINAL DATA REPORT	12-Aug-91	17-Oct-91	66.0
SUBMIT FINAL DATA REPORT	17-Oct-91	24-Oct-91	7.0
DATA RPT FINALIZED	17-Oct-91	16-Nov-91	30.0
<b>RI/FS PHASE B</b>	30-Jul-91	10-Mar-94	954.0
<b>RI REPORT</b>	30-Jul-91	10-Mar-94	954.0
RESUBMIT DRFT WKPLAN	30-Jul-91	17-Oct-91	79.0
AGENCY REVIEW	17-Oct-91	15-Jan-92	90.0
NAVY RECVS COMMENTS	15-Jan-92	22-Jan-92	7.0
ADDRESS COMMENTS	22-Jan-92	22-Mar-92	60.0
MAIL COMMENTS	22-Mar-92	29-Mar-92	7.0
PREPARE DRAFT/FINAL	22-Mar-92	21-May-92	60.0
SUBMIT DRAFT/FINAL	21-May-92	28-May-92	1.0
WK PLANS FINALIZED	28-May-92	27-Jun-92	30.0
FIELD WORK & RPT	27-Jun-92	22-Jun-93	360.0
SUBMIT DRAFT RI RPT	22-Jun-93	29-Jun-93	7.0
AGENCY REVIEW	29-Jun-93	27-Sep-93	90.0
NAVY RECVS COMMENTS	27-Sep-93	4-Oct-93	1.0
ADDRESS COMMENTS	4-Oct-93	3-Dec-93	60.0
MAIL COMMENTS	3-Dec-93	10-Dec-93	7.0
PREPARE DRAFT/FINAL	3-Dec-93	1-Feb-94	60.0
SUBMIT DRAFT/FINAL	1-Feb-94	8-Feb-94	7.0
RI REPORT FINALIZED	8-Feb-94	10-Mar-94	30.0
<b>BASILINE RISK</b>	27-Jun-92	10-Mar-94	621.0
PREPARE DRFT BASELINE	27-Jun-92	22-Jun-93	360.0
SUBMIT DRAFT BASELINE	22-Jun-93	29-Jun-93	7.0
AGENCY REVIEW	29-Jun-93	27-Sep-93	90.0
NAVY RECVS COMMENTS	27-Sep-93	4-Oct-93	7.0
ADDRESS COMMENTS	4-Oct-93	3-Dec-93	60.0
MAIL COMMENTS	3-Dec-93	10-Dec-93	7.0
PREPARE DRAFT/FINAL	3-Dec-93	1-Feb-94	60.0
SUBMIT DRAFT/FINAL	1-Feb-94	8-Feb-94	7.0
BASELINE FINALIZED	8-Feb-94	10-Mar-94	30.0
<b>FEASIBILITY STUDY</b>	21-May-92	7-Apr-93	321.0
PREPARE DRAFT FS	21-May-92	20-Jul-92	60.0
SUBMIT DRAFT FS	20-Jul-92	27-Jul-92	7.0
AGENCY REVIEW	27-Jul-92	25-Oct-92	90.0
NAVY RECVS COMMENTS	25-Oct-92	1-Nov-92	7.0
ADDRESS COMMENTS	1-Nov-92	31-Dec-92	60.0
MAIL COMMENTS	31-Dec-92	7-Jan-93	7.0
PREPARE DRFT/FINAL	31-Dec-92	1-Mar-93	60.0
SUBMIT DRAFT/FINAL	1-Mar-93	8-Mar-93	7.0
FS RPT FINALIZED	8-Mar-93	7-Apr-93	30.0
<b>PROPOSED PLAN (PP)</b>	7-Apr-93	22-Jun-94	441.0
<b>RECORD OF DECISION</b>	23-Apr-94	5-Feb-95	288.0

TIME LINE Task Report

**SITE MANAGEMENT PLAN**  
**NAVAL AIR STATION PENSACOLA**  
**PENSACOLA, FLORIDA**

**8 NOVEMBER 1991**  
**PAGE 17 OF 76**

**RI/FS OPERABLE UNIT #2: NORTH CHEVALIER FIELD DISPOSAL AREA, PSC**  
**SITE 11; AND SUPPLY DEPARTMENT OUTSIDE STORAGE AREA, PSC SITE 26;**  
**GROUP B**

Task Name	Start Date	End Date	Duratn (Days)	91												92												93											
				Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug														
WORK PLAN APPROVAL	23-Oct-90	23-Oct-90	0	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.																	
+ RI/FS PHASE 1	24-Oct-90	16-Nov-91	388	====	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.																	
RI/FS PHASE II	30-Jul-91	10-Uar-94	951	#####	#####	#####	#####	#####	#####	#####	#####	#####	#####	#####	#####	#####	#####	#####	#####	#####	#####	#####																	
RI REPORT	30-Jul-91	10-Mar-94	954	#####	#####	#####	#####	#####	#####	#####	#####	#####	#####	#####	#####	#####	#####	#####	#####	#####	#####	#####																	
RESUBMIT DRFT WKPLAN	30-Jul-91	17-at-91	79	X.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.																	
AGENCY REVIEU	17-Oct-91	15-Jan-92	90	XXXXX	XXXXXXXXXX	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.																	
NAVY RECVS COMMENTS	15-Jan-92	22-Jan-92	7	.	.	XX.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.																	
ADDRESS COMMENTS	22-Jan-92	22-Mar-92	60	.	.	XXXXXXXXXX	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.																	
MAIL COMMENTS	22-Mar-92	29-Mar-92	7	.	.	.	X-----	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.																	
PREPARE DRAFT/FINAL	22-Mar-92	21-May-92	60	.	.	.	XXXXXXXXXX	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.																	
SUBMIT DRAFT/FINAL	21-May-92	20-nay-92	7	.	.	.	.	XX.	.	.	.	.	.	.	.	.	.	.	.	.	.	.																	
WK PLANS FINALIZED	28-May-92	27-Jun-92	30	.	.	.	.	.	XXXXX.	.	.	.	.	.	.	.	.	.	.	.	.	.																	
FIELD UORK 6 RPT	27-Juri-92	22-Jun-93	360	.	.	.	.	.	XX.	.	.	.	.	.	.	.	.	.	.	.	.																		
SUBMIT DRAFT RI RPT	22-Jun-93	29-Jun-93	7	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	X X	.																	
AGENCY REVIEU	29-Juri-93	27-Sep-93	90	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	XXXXXXXXXX	.																	
WAVY RECVS COMMENTS	27-Sep-93	4-Oct-93	7	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.																	
ADDRESS COMMENTS	1-at-93	3-Dec-93	60	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.																	
MAIL COMMENTS	3-Dec-93	10-Dcc-93	7	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.																	
PREPARE DRAFT/FINAL	3-Dcc-93	1-Feb-94	60	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.																	
SUBMIT DRAFT/FINAL	1-feb-94	8-Feb-94	7	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.																	
RI REPORT FINALIZED	8-Fcb-94	10-nar-94	30	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.																	
• BASELINE RISK	27-Jun-92	10-Mar-94	621	#####	#####	#####	#####	#####	#####	#####	#####	#####	#####	#####	#####	#####	#####	#####	#####	#####	#####	#####																	
FEASIBILITY STUDY	21-May-92	7-Apr-93	321	#####	#####	#####	#####	#####	#####	#####	#####	#####	#####	#####	#####	#####	#####	#####	#####	#####	#####	#####																	
PREPARE DRAFT FS	21-May-92	20-Jul-92	60	.	.	.	.	.	XXXXXXXXXX	.	.	.	.	.	.	.	.	.	.	.	.	.																	
SUBMIT DRAFT FS	20-Jul-92	27-Jul-92	7	.	.	.	.	.	XX	.	.	.	.	.	.	.	.	.	.	.	.	.																	
AGENCY REVIEW	27-Jul-92	25-Oct-92	90	.	.	.	.	.	XXXXXXXXXXXXX	.	.	.	.	.	.	.	.	.	.	.	.	.																	
NAVY RECVS COMMENTS	25-Oct-92	1-Nov-92	7	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.																	
ADDRESS COMMENTS	1-Nov-92	31-Dec-92	60	.	.	.	.	.	.	.	.	.	.	.	.	XXXXXXXXXX	.	.	.	.	.	.																	
MAIL COMMENTS	31-Dec-92	7-Jan-93	7	.	.	.	.	.	.	.	.	.	.	.	.	XX-----	.	.	.	.	.	.																	
PREPARE DRFT/FINAL	31-Dcc-92	1-Mar-93	60	.	.	.	.	.	.	.	.	.	.	.	.	XXXXXXXXXX	.	.	.	.	.	.																	
SUBMIT DRAFT/FINAL	1-Mar-93	8-Mar-93	7	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	X X	.	.																	
FS RPT FINALIZED	8-Mar-93	7-Apr-93	30	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	XXXXX	.	.																	
+ PROPOSED PLAN (PP)	7-Apr-93	22-Jun-94	441	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	#####	#####	#####																	
+ RECORD OF DECISION	23-Apr-94	5-Feb-95	288	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.																	

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 XXXXX Detail Task    ##### Summary Task    \*\*\*\*\* Baseline  
 xxxxxx (Progress)    ==### (Progress)    >>> Conflict  
 XXX-- (Slack)        ###-- (Slack)        ..XXX Resource delay  
 Progress shows Percent Achieved on Actual    # Milestone  
 -----Scale: 7 days per character -----

RJ OPERABLE UNIT : WATERFRONT SEDIMENT AREA, PSC SITE 2;  
GF C

**DESCRIPTION:**

Documented quantities of industrial and hazardous waste discharged to Pensacola Bay by storm sewers over a 35 year period. Examples of these hazardous wastes are solvents, cyanide and heavy metals: Sediments samplestaken approximately 300 feet off-shore in 30 feet of water show only trace amounts of metals when analyzed by EP Toxicity. Fish kills were not uncommon in this area during **1940's, 1950's, and 1960's.** Periodic dredging has occurred in this area to accommodate the aircraft carrier USS Lexington. Now, dredging is being done to widen and deepen the channel for the USS Kitty Hawk. The USS Kitty Hawk will replace the USS Lexington in the fall of **1991.** Concern remains over the location of the sampling sites, methods and depth of sediment sampling. There is doubt that EP extraction is the most appropriate analytical method. In addition to our indepth study, the Marine and Estuarine Branch will provide comments before the site is removed from consideration for further study.

The following Screening Sites which will be investigated and reported on concurrently with this Operable Unit include: PSC Site **13:** Magazine Point Rubble Disposal Area; and PSC Site **14:** Dredge Spoil Fill Area. PSC Site 13 was used for the deposition of clean fill materials for an unknown period of time. Most of the materials disposed at this site consist of building rubble, bricks, metal, concrete, and wood. Materials were primarily disposed from the clay road east to the waterfront and in some places in the water close to the shore. It is unknown how many cubic yards of the material were disposed on site. PSC Site **14** was created by disposing dredge material from the Pensacola Bay along the shorefront east of Chevalier Field. This area of land was at one time the site of state-owned submerged lands and is presently not considered Navy property. Dredge material was disposed between 1975 and 1977 from dredging operations for the aircraft carrier turning basin. Contaminants that may be found in the dredge material are unknown. It is probable that whatever compounds were present in the marine sediments offshore of NAS Pensacola are still present in the dredge material.

RI/FS OPERABLE UNIT #3: WATERFRONT SEDIMENT AREA. PSC SITE 2;

1992 Primary Deliverables:

Due Date:

Draft/Final RI/FS Phase II Workplan (P)	Navy transmits 28 May 92
Final Phase II Workplans (P)	Navy transmits 27 Jun 92
Draft Feasibility Study (P) (Agency Review Comments)	Navy transmits 27 Jul 92
(Navy Receives Comments)	Due within 90 days of Plan delivery
(Navy Addresses Comments)	Due 7 days after the 90 day review period
Site Management Plan (Revised)	Due 60 days after received comments
	Yearly update Sep 92

1992 Secondary Deliverables:

Target Date:

Quarterly Reports	Navy transmits on 10 Apr, July, and Oct.
-------------------	--

Projected Deliverables

Projected Date:

Draft/Final Feasibility Study (P)	Navy transmits 8 Mar 93
Final Feasibility Study (P)	Navy transmits 7 Apr 93
Draft Proposed Plan (P)	Navy transmits 13 Jun 93
Draft RI Report (P)	Navy transmits 29 Jun 93
Draft Baseline Risk Assessment (S)	Navy transmits 29 Jun 93

Note:

(P) designates a Primary Document according to page 21 of FFA  
(S) designates a Secondary Document according to page 22 of FFA

**RI/FS OPERABLE UNIT #3: WATERFRONT SEDIMENT AREA. PSC SITE 2;**  
**GROUP C**

<b>Task Name</b>	<b>Start Date</b>	<b>End Date</b>	<b>Duratr (Days)</b>
<b>WORK PLAY APPROVAL</b>	23-oct-90	23-Oct-90	0.0
<b>RI/FS PHASE 1</b>	24-oct-90	16-Nov-91	<b>388.0</b>
FIELD WORK, DATA RPT	<b>24-Oct-90</b>	27-May-91	215.0
<b>SUBMIT DRAFT DATA RPT</b>	26-May-91	2-Jun-91	7.0
AGENCY REVIEW	2-Jun-91	26-Sep-91	116.0
<b>NAVY R E M COMMENTS</b>	<b>12-Aug-91</b>	26-Sep-91	<b>45.0</b>
<b>ADDRESS COMMENTS</b>	<b>26-Sep-91</b>	17-Oct-91	21.0
<b>MAIL COMMENTS</b>	17-et-91	24-Oct-91	7.0
<b>PREPARE FINAL DATA REPORT</b>	<b>12-Aug-91</b>	17-Oct-91	66.0
<b>SUBMIT FINAL DATA REPORT</b>	17-et-91	24-Oct-91	7.0
DATA RPT FINALIZED	17-Oct-91	16-Nov-91	30.0
<b>RI/FS PHASE II</b>	30-Jul-91	10-Mar-94	954.0
<b>RI REPORT</b>	30-Jul-91	10-Mar-94	954.0
<b>RESUBMIT DRFT UKPLAN</b>	30-Jul-91	17-Oct-91	<b>79.0</b>
AGENCY REVIEW	<b>17-Oct-91</b>	15-Jan-92	90.0
YAW <b>RECYS COMMENTS</b>	<b>15-Jan-92</b>	22-Jan-92	<b>7.0</b>
<b>ADDRESS COMMENTS</b>	22-Jan-92	22-Mar-92	60.0
<b>MAIL COMMENTS</b>	22-Mar-92	29-Mar-92	7.0
<b>PREPARE DRAFT/FINAL</b>	22-Mar-92	21-May-92	60.0
<b>SUBMIT DRAFT/FINAL</b>	21-May-92	28-May-92	7.0
<b>WK PLANS FINALIZED</b>	28-May-92	27-Jun-92	30.0
<b>FIELD WORK &amp; RPT</b>	27-Jun-92	22-Jun-93	360.0
<b>SUBMIT DRAFT RI RPT</b>	22-Jun-93	29-Jul-93	7.0
AGENCY REVIEW	29-Jul-93	27-Sep-93	90.0
YAW <b>RECYS COMMENTS</b>	27-Sep-93	4-Oct-93	7.0
<b>ADDRESS COMMENTS</b>	4-Oct-93	3-Oec-93	60.0
<b>MAIL COMMENTS</b>	3-Dec-93	10-Dec-93	7.0
<b>PREPARE DRAFT/FINAL</b>	3-Dec-93	1-Feb-94	60.0
<b>SUBMIT DRAFT/FINAL</b>	1-Feb-94	8-Feb-94	7.0
<b>RI REPORT FINALIZED</b>	8-Feb-94	10-Mar-94	30.0
<b>BASELINE RISK</b>	27-Jun-92	10-Mar-94	621.0
<b>PREPARE DRFT BASELINE</b>	27-Jun-92	22-Jul-93	360.0
<b>SUBMIT DRAFT BASELINE</b>	22-Jun-93	29-Jun-93	7.0
AGENCY REVIEW	29-Jun-93	27-Sep-93	90.0
<b>NAVY RECYS COMMENTS</b>	27-Sep-93	4-Oct-93	7.0
<b>ADDRESS COMMENTS</b>	4-et-93	3-Otc-93	<b>60.0</b>
<b>MAIL COMMENTS</b>	<b>3-Dec-93</b>	10-Dec-93	7.0
<b>PREPARE DRAFT/FINAL</b>	<b>3-Dec-93</b>	1-Feb-94	60.0
<b>SUBMIT DRAFT/FINAL</b>	1-Feb-94	8-Feb-94	7.0
<b>BASELINE FINALIZED</b>	8-Fcb-94	10-Mar-94	30.0
<b>FEASIBILITY STUDY</b>	21-May-92	7-Apr-93	321.0
<b>PREPARE DRAFT FS</b>	21-May-92	20-Jul-92	60.0
<b>SUBMIT W F T FS</b>	20-Jul-92	27-Jul-92	7.0
AGENCY REVIEW	27-Jul-92	25-oct-92	<b>90.0</b>
<b>NAVY RECYS COMMENTS</b>	25-Oct-92	1-Nov-92	7.0
<b>ADDRESS COMMENTS</b>	1-Nov-92	31-Du-92	<b>60.0</b>
<b>MAIL COMMENTS</b>	31-Dec-92	7-Jan-93	7.0
<b>PREPARE DRFT/FINAL</b>	<b>31-Dec-92</b>	1-Mar-93	<b>60.0</b>
<b>SUBMIT DRAFT/FINAL</b>	1-Mar-93	8-Mar-93	<b>7.0</b>
<b>FS RPT FINALIZED</b>	8-Mar-93	7-Apr-93	<b>30.0</b>
<b>PROPOSED PLAN (PP)</b>	<b>7-Apr-93</b>	22-Jm-94	441.0
<b>RECORD OF DECISION</b>	<b>23-Apr-94</b>	<b>5-Feb-95</b>	288.0

TIME LINE Task Report

**SITE MANAGEMENT PLAN  
NAVAL AIR STATION PENSACOLA  
PENSACOLA, FLORIDA**

**8 NOVEMBER 1991  
PAGE 21 OF 76**

**RI/FS OPERABLE UNIT #3: WATERFRONT SEDIMENT AREA, PSC SITE 2;  
GROUP C**

Task Name	Start Date	End Date	Duratn (Days)	91												92												93											
				Nov 1	Dec 1	Jan 1	Feb 1	Mar 1	Apr 1	May 1	Jun 1	Jul 1	Aug 1	Sep 1	Oct 1	Nov 1	Dec 1	Jan 1	Feb 1	Mar 1	Apr 1	May 1	Jun 1	Jul 1	Aug 1														
WORK PLAN APPROVAL	23-at-90	23-Oct-90	0	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.																
+ RI/FS PHASE 1	24-Oct-90	16-Nov-91	388	====	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.																
RI/FS PHASE 11	30-Jul-91	10-Mar-92	954	#####	#####	#####	#####	#####	#####	#####	#####	#####	#####	#####	#####	#####	#####	#####	#####	#####	#####	#####																	
RI REPORT	30-Jul-91	10-Mar-94	954	#####	#####	#####	#####	#####	#####	#####	#####	#####	#####	#####	#####	#####	#####	#####	#####	#####	#####	#####																	
RESUBMIT DRFT UKPLAN	30-Jul-91	17-Oct-91	79	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.																
AGENCY REVIEW	17-Oct-91	15-Jan-92	90	XXXXXXXXXXXX	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.																
NAVY RECVS COMMENTS	15-Jan-92	22-Jan-92	7	.	.	.	XX.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.																
ADDRESS COMMENTS	22-Jan-92	22-Mar-92	60	.	.	.	XXXXXXXXXX	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.																
MAIL COMMENTS	22-Mar-92	29-Mar-92	7	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.																
PREPARE DRAFT/FINAL	22-Mar-92	21-May-92	60	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.																
SUBMIT DRAFT/FINAL	21-May-92	28-May-92	7	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.																
WK PLANS FINALIZED	28-May-92	27-Jw-92	30	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.																
FIELD WORK & RPT	27-Jun-92	22-Jw-93	360	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.																
SUBMIT DRAFT RI RPT	22-Jun-93	29-Jw-93	7	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.																
AGENCY REVIEW	29-Jun-93	27-Sep-93	90	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.																
NAVY RECVS COMMENTS	27-Sep-93	4-Oct-93	7	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.																
ADDRESS COWIENTS	4-Oct-93	3-Oec-93	60	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.																
MAIL COMMENTS	3-Dec-93	10-Dec-93	7	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.																
PREPARE DRAFT/FINAL	3-Dec-93	1-Feb-94	60	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.																
SUBMIT DRAFT/FINAL	1-Feb-94	8-Feb-94	7	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.																
RI REPORT FINALIZED	8-Feb-94	10-Mar-94	30	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.																
+ BASELINE RISK	27-Jun-92	10-Mar-94	621	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.																
FEASIBILITY STUDY	21-May-92	7-Apr-93	321	#####	#####	#####	#####	#####	#####	#####	#####	#####	#####	#####	#####	#####	#####	#####	#####	#####	#####	#####	#####																
PREPARE DRAFT FS	21-May-92	20-Jul-92	60	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.																
SUBMIT DRAFT FS	20-Jul-92	27-Jul-92	7	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.																
AGENCY REVIEW	27-Jul-92	25-Oct-92	90	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.																
NAVY RECVS COMMENTS	25-Oct-92	1-Nov-92	7	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.																
ADDRESS COMMENTS	1-Nov-92	31-Dec-92	60	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.																
MAIL COWIENTS	31-Dec-92	7-Jan-93	7	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.																
PREPARE DRFT/FINAL	31-Oec-92	1-Mar-93	60	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.																
SUBMIT DRAFT/FINAL	1-Mar-93	6-Mar-93	7	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.																
FS RPT FINALIZED	8-Mar-93	7-Apr-93	30	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.																
+ PROPOSED PLAN (PP)	7-Apr-93	22-Jun-94	441	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.																
+ RECORD OF DECISION	23-Apr-94	5-Fcb-95	288	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.																

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 XXXXX Detail Task    ##### Summary Task    \*\*\*\*\* Baseline  
 xxxxxx (Progress)    ==### (Progress)    >>> Conflict  
 XXX.. (Slack)        ##- (Slack)        ..XXX Resource delay  
 Progress shows Percent Achieved on Actual    M Milestone  
 ----- Scale: 7 days per character -----

RI/FS OPERABLE UNIT #4: PESTICIDE RINSATE DISPOSAL AREA. PSC SITE  
15: GROUP D

DESCRIPTION:

The site is located at the golf course maintenance area. It was used for over sixteen (16) years as a disposal area for rinse water from cleaning pesticide mixing and spray equipment. The quantity disposed of in this area is unknown. Analysis of soil samples show the presence of organic pesticides and EP Toxic concentrations of arsenic in the soil. Two (2) shallow monitoring wells are installed. Analysis of groundwater for pesticides and PCB indicate that arsenic is present in groundwater. Groundwater flow direction is presumed northerly towards the Bayou Grande. In depth studies will be conducted to help define the contamination plume and definitive flow direction.

The following Screening Site which will be investigated and reported concurrently with this Operable Unit include: PSC Site 24: DDT Mixing Area; From the early 1950s until the early 1960s, this site was used as a location for mixing DDT with diesel fuel for mosquitos control. Spill occurred within the mixing area when DDT was transferred from drums to spray tanks. The unintentional spillage of DDT concentrate may have contaminated site soil and groundwater.

1992 Primacy Deliverables:

Due Date:

Draft/Final RI/FS Phase II  
Workplan (P)  
Final Phase II Workplans (P)  
Draft Feasibility Study (P)  
(Agency Review Comments)  
  
(Navy Receives Comments)  
  
(Navy Addresses Comments)  
  
Site Management Plan (Revised)

Navy transmits 28 May 92  
Navy transmits 27 Jun 92  
Navy transmits 27 Jul 92  
Due within 90 days of Plan  
delivery  
Due 7 days after the 90  
day review period  
Due 60 days after  
received comments  
Yearly update Sep 92

1992 Secondary Deliverables:

Target Date:

Quarterly Reports

US Navy transmits on 10 Apr,  
July, and Oct.

RI/FS OPERABLE UNIT #4: PESTICIDE RINSATE DISPOSAL AREA, PSC SITE  
15: GROUP D, continued:

Projected Deliverables

Projected Date:

Draft/Final Feasibility Study (P)	Navy transmits	8 Mar 93
Final Feasibility Study (P)	Navy transmits	7 Apr 93
Draft Proposed Plan (P)	Navy transmits	13 Jun 93
Draft RI Report (P)	Navy transmits	29 Jun 93
Draft Baseline Risk Assessment (S)	Navy transmits	29 Jun 93

Note:

(P) designates a Primary Document according to page 21 of FFA  
(S) designates a Secondary Document according to page 22 of FFA

**SITE MANAGEMENT PLAN  
NAVAL AIR STATION PENSACOLA  
PENSACOLA, FLORIDA**

8 NOVEMBER 1991  
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**RI/FS OPERABLE UNIT #4: PESTICIDE RINSATE DISPOSAL AREA, PSC SITE  
15: GROUP D**

<b>Task Name</b>	<b>start Date</b>	<b>End Date</b>	<b>Duratr (Days)</b>
WORK NAY APPROVAL	23-Oct-90	23-Oct-90	00
RI/FS PHASE 1	24-Oct-90	16-Nov-91	388.0
FIELD WORK, DATA RPT	24-Oct-90	27-May-91	215.0
SUBMIT DRAFT DATA RPT	26-May-91	2-Jun-91	7.0
AGENCY REVIEW	2-Jun-91	26-Sep-91	116.0
NAVY RECYS COMMENTS	12-Aug-91	26-Sep-91	45.0
ADDRESS COMMENTS	26-Sep-91	17-Oct-91	21.0
MAIL COMMENTS	17-at-91	24-Oct-91	7.0
PREPARE FINAL DATA REPORT	12-Aug-91	17-Oct-91	66.0
SUBMIT FINAL DATA REPORT	17-Oct-91	24-Oct-91	7.0
DATA RPT FINALIZED	17-at-91	16-Nov-91	30.0
RI/FS PHASE II	30-Jul-91	10-Mar-94	954.0
RI UREPORT	30-Jul-91	10-Mar-94	954.0
RESUBMIT DRFT WKPLAN	30-Jul-91	17-Oct-91	79.0
AGENCY REVIEW	17-Oct-91	15-Jan-92	90.0
NAVY RECYS COMMENTS	15-Jan-92	22-Jan-92	7.0
ADDRESS COMMENTS	22-Jan-92	22-Mar-92	60.0
MAIL COMMENTS	22-Mar-92	29-Mar-92	7.0
PREPARE DRAFT/FINAL	22-Mar-92	21-May-92	60.0
SUBMIT DRAFT/FINAL	21-May-92	28-May-92	7.0
WK PUNS FINALIZED	28-May-92	27-Jw-92	30.0
FIELD WORK & RPT	27-Jul-92	22-Juri-93	360.0
SUBMIT DRAFT RI RPT	22-Jul-93	29-Jun-93	7.0
AGENCY REVIEW	29-Jun-93	27-Sep-93	90.0
NAVY RECYS COMMENTS	27-Sep-93	4-Oct-93	7.0
ADDRESS COMMENTS	4-Oct-93	3-OCC93	60.0
MAIL COMMENTS	3-Du-93	10-Dcc-93	7.0
PREPARE DRAFT/FINAL	3-Drc-93	1-Feb-94	60.0
SUBMIT DRAFT/FINAL	1-Feb-94	8-Feb-94	7.0
RI REPORT FINALIZED	8-Feb-94	10-Mar-94	30.0
BASELINE RISK	27-Jul-92	10-Mar-94	621.0
PREPARE DRFT BASELINE	27-Jul-92	22-Jun-93	360.0
SUBMIT DRAFT BASELINE	22-Jul-93	29-Jun-93	7.0
AGENCY REVIEW	29-Jul-93	27-Sep-93	90.0
NAVY REVI COMMENTS	27-Sep-93	4-Oct-93	7.0
ADDRESS COMMENTS	4-Oct-93	3-Occ-93	60.0
MAIL COMMENTS	3-Dee-93	10-Dec-93	7.0
PREPARE DRAFT/FINAL	3-Occ-93	1-Feb-94	60.0
SUBMIT DRAFT/FINAL	1-Feb-94	8-Feb-94	7.0
BASELINE FINALIZED	8-Feb-94	10-Mar-94	30.0
FEASIBILITY STUDY	21-May-92	7-Apr-93	321.0
PREPARE DRAFT FS	21-May-92	20-Jul-92	60.0
SUBMIT DRAFT FS	20-Jul-92	27-Jul-92	7.0
AGENCY REVIEW	27-Jul-92	25-Oct-92	90.0
NAVY REVI COMMENTS	25-Oct-92	1-Wov-92	7.0
ADDRESS COMMENTS	1-Wov-92	31-Dec-92	60.0
MIL COMMENTS	31-Ow-92	7-Jan-93	7.0
PREPARE DRFT/FINAL	31-Dec-92	1-Mar-93	60.0
SUBMIT DRAFT/FINAL	1-Mar-93	1-Mar-93	7.0
FS RPT FINALIZED	1-Mar-93	7-Apr-93	30.0
PROPOSED PLAN (PP)	7-Apr-93	22-Jul-94	441.0
RECORD OF DECISION	23-Apr-94	5-Fcb-95	288.0

TIME LINE Task Report



RI/FS OPERABLE UNIT #S: BUILDING 649 AND 755, PSC SITE 30; GROUP E:

DESCRIPTION:

Building 649 housed a tin/cadmium plating shop with fifteen (15) tanks of 200 and 500 gallon capacity each. These tanks, along with a 250 gallon tank of trichlorethylene, were emptied monthly or quarterly into a ditch leading to a creek discharging into the Bayou Grande. Acids, caustics, degreasers, and chromatic solutions were also drained into this ditch. After twenty (20) years, this operation was replaced with a magnesium treatment line. The magnesium treatment line operated for ten (10) years.

Building 755 operated 50 tanks over a ten year period as a plating facility for nickel, lead, tin, chromium and miscellaneous metals. These tanks, ranging in size from 50 gallons to 200 gallons, were drained periodically into the ditch described above. Sediment samples from four (4) separate locations in the ditch were analyzed for metals and cyanide. Low levels of metal (below EP Toxic) were found. The waste constituents most probably did not enter the groundwater from the ditch, but were probably washed downstream into the Bayou Grande.

These PSC sites were grouped together mainly due to the following reasons: geographic proximity of sites, similar contamination types, and their impact on each other.

1992 Primary Deliverables:

Due Date:

Draft/Final RI/FS Phase II Workplan (P)	Navy transmits 28 May 92
Final Phase II Workplans (P)	Navy transmits 27 Jun 92
Draft Feasibility Study (P)	Navy transmits 27 Jul 92
(Agency Review Comments)	Due within 90 days of Plan delivery
(Navy Receives Comments)	Due 7 days after the 90 day review period
(Navy Addresses Comments)	Due 60 days after received comments
Site Management Plan (Revised)	Yearly update Sep 92

1992 Secondary Deliverables:

Target Date:

Quarterly Reports	Navy transmits on 10 Apr, July, and Oct.
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continued:

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Projected Deliverables

Projected Date:

Draft/Final Feasibility Study (P)	Navy transmits	8 Mar 93
Final Feasibility Study (P)	Navy transmits	7 Apr 93
Draft Proposed Plan (P)	Navy transmits	13 Jun 93
Draft RI Report (P)	Navy transmits	29 Jun 93
Draft Baseline Risk Assessment (S)	Navy transmits	29 Jun 93

Note:

(P) designates a Primary Document according to page 21 of FFA  
(S) designates a Secondary Document according to page 22 of FFA

**RI/FS OPERABLE UNIT #5: BUILDING 649 AND 755, PSC SITE 30; GROUP E:**

<b>Task Name</b>	<b>Start Date</b>	<b>End Date</b>	<b>Duratin (Days)</b>
WORK P UN APPROVAL	23-Oct-90	23-Oct-90	0.0
<b>RI/FS PHASE 1</b>	<b>24-Oct-90</b>	<b>16-Nov-91</b>	<b>388.0</b>
FIELD WORK, DATA RPT	24-Oct-90	27-May-91	215.0
<b>SUBMIT DRAFT DATA RPT</b>	<b>26-May-91</b>	<b>2-Jun-91</b>	<b>7.0</b>
AGENCY REVIEW	2-Jun-91	26-Sep-91	116.0
<b>NAVY RECVS COMMENTS</b>	<b>12-Aug-91</b>	<b>26-Sep-91</b>	<b>45.0</b>
ADDRESS COMMENTS	26-Sep-91	17-Oct-91	21.0
MAIL COMMENTS	17-Oct-91	24-Oct-91	7.0
PREPARE FINAL DATA REPORT	12-Aug-91	17-Oct-91	66.0
<b>SUBMIT FINAL DATA REPORT</b>	<b>17-Oct-91</b>	<b>24-Oct-91</b>	<b>7.0</b>
DATA RPT FINALIZED	17-Oct-91	16-Nov-91	30.0
<b>RI/FS PHASE II</b>	<b>30-Jul-91</b>	<b>10-Mar-94</b>	<b>954.0</b>
<b>RI REPORT</b>	<b>30-Jul-91</b>	<b>10-Mar-94</b>	<b>954.0</b>
RESUBMIT DRFT KPLAN	30-Jul-91	17-Oct-91	79.0
AGENCY REVIEW	17-Oct-91	15-Jan-92	90.0
NAVY RECVS COMMENTS	15-Jan-92	22-Jan-92	7.0
ADDRESS COMMENTS	22-Jan-92	22-Mar-92	60.0
MAIL COMMENTS	22-Mar-92	29-Mar-92	7.0
PREPARE DRAFT/FINAL	22-Mar-92	21-May-92	60.0
<b>SUBMIT DRAFT/FINAL</b>	<b>21-May-92</b>	<b>28-May-92</b>	<b>7.0</b>
WK PLANS FINALIZED	28-May-92	27-Juni-92	30.0
FIELD WORK & RPT	27-Jun-92	22-Jun-93	360.0
<b>SUBMIT DRAFT RI RPT</b>	<b>22-Jun-93</b>	<b>29-Jun-93</b>	<b>7.0</b>
AGENCY REVIEW	29-Jun-93	27-Sep-93	90.0
<b>NAVY RECVS COMMENTS</b>	<b>27-Sep-93</b>	<b>4-Oct-93</b>	<b>7.0</b>
ADDRESS COMMENTS	4-Oct-93	3-Dec-93	60.0
MAIL COMMENTS	3-Dec-93	10-Dec-93	7.0
PREPARE DRAFT/FINAL	3-Dec-93	1-Feb-94	60.0
<b>SUBMIT DRAFT/FINAL</b>	<b>1-Feb-94</b>	<b>8-Feb-94</b>	<b>7.0</b>
RI REPORT FINALIZED	8-Feb-94	10-Mar-94	30.0
<b>BASELINE RISK</b>	<b>27-Jun-92</b>	<b>10-Mar-94</b>	<b>621.0</b>
PREPARE DRFT BASELINE	27-Jun-92	22-Jun-93	360.0
<b>SUBMIT DRAFT BASELINE</b>	<b>22-Jun-93</b>	<b>29-Jun-93</b>	<b>7.0</b>
AGENCY REVIEW	29-Jun-93	27-Sep-93	90.0
NAVY RECVS COMMENTS	27-Sep-93	4-Oct-93	7.0
ADDRESS COMMENTS	4-Oct-93	3-Oct-93	60.0
MAIL COMMENTS	3-Dec-93	10-Dec-93	7.0
PREPARE DRAFT/FINAL	3-Dec-93	1-Feb-94	60.0
<b>SUBMIT DRAFT/FINAL</b>	<b>1-Feb-94</b>	<b>8-Feb-94</b>	<b>7.0</b>
BASELINE FINALIZED	8-Feb-94	10-Mar-94	30.0
<b>FEASIBILITY STUDY</b>	<b>21-May-92</b>	<b>7-Apr-93</b>	<b>321.0</b>
PREPARE DRAFT FS	21-May-92	20-Jul-92	60.0
<b>SUBMIT DRAFT FS</b>	<b>20-Jul-92</b>	<b>27-Jul-92</b>	<b>7.0</b>
AGENCY REVIEW	27-Jul-92	25-Oct-92	90.0
NAVY RECVS COMMENTS	25-Oct-92	1-Nov-92	7.0
ADDRESS COMMENTS	1-Nov-92	31-Dec-92	60.0
MAIL COMMENTS	31-Dec-92	7-Jan-93	7.0
PREPARE DRAFT/FINAL	31-Dec-92	1-Mar-93	60.0
<b>SUBMIT DRAFT/FINAL</b>	<b>1-Mar-93</b>	<b>8-Mar-93</b>	<b>7.0</b>
FS RPT FINALIZED	8-Mar-93	7-Apr-93	30.0
PROPOSED PLAN (PP)	7-hpr-93	22-Jun-94	441.0
RECORD OF DECISION	23-hpr-94	5-Feb-95	288.0

**TIME LINE Task Report**



RI/FS OPERABLE UNIT #6: SOIL SOUTH OF BUILDING 3460, PSC SITE 29-  
AND NAVY YARD DISPOSAL AREA, PSC SITE 9; GROUP F :

DESCRIPTION

PSC Site 29: Soil South of Building 3460. In 1981, workers excavating soil beneath the concrete apron south of Building 3460 received skin burns from a "black slimy liquid" in the soil. Types of chemicals involved and extent of contamination are unknown. A leak in the nearby pressurized industrial sewer line from the Naval Aviation Depot (NADEP) facility is the expected source. This site is part of the group including sites 9, 23, and 24 studied together. There were no analyses of groundwater for non-halogenated hydrocarbons volatiles, extractables, exotics or parameters other than method 601 VOCs. There is concern over placement of the monitoring wells.

PSC Site 9: Navy Yard Disposal Area. This site was used for the disposal of trash and refuse during the period between 1917 and the early 1930's. It is reported that the site is shown on several old maps as the Navy Yard Dump or the Warrington Village Dump (NEESA 1983). In the late 1960's, while trenching for the Industrial Wastewater Treatment Plant (IWTP) system, part of site 9 was excavated. Glass, scrap metal, and debris were unearthed. No unusual odor was reported associated with the site. The IAS report concluded that no further study was necessary and the site did not constitute a threat to human health or the environment. During the VS of this site, monitoring wells were installed at the southwest corner of Chevalier Field for the determination of shallow groundwater flow and the collection of groundwater samples to further delineate the contamination problem in the general area of sites 9, 10, 23, and 29. Groundwater samples were analyzed for VOCs; however, no VOCs were detected in any samples obtained.

The following Screening Site which will be investigated and reported on concurrently with this Operable Unit include; PSC Site 10: Commodore's Pond; PSC Site 23: Chevalier Field Pipe Leak Area; PSC site 34: Solvent North of Building 3557. PSC site 10 was formerly the location of a small surface water body. In the mid-nineteenth century, the pond was used for the underwater storage of shaped oak timbers. This underwater storage method preserved the wood prior to its use for shipbuilding. The original pond is no longer in existence; therefore, its exact dimensions are unknown. Site debris was unearthed in the late 1960's during trenching operations for installations of the IWTP system. Abandoned oak timbers were exhumed and reburied on Magazine Point. It is reported that no hazardous materials were encountered during this effort.

RI/FS OPERABLE UNIT #6: SOIL SOUTH OF BUILDING 3460, PSC SITE 29;  
AND NAVY YARD DISPOSAL AREA, PSC SITE 9; GROUP F continued:

DESCRIPTION continued:

PSC Site 23 is the location of two separate underground fuel leaks. One leak in 1965 consisted of the loss of an unknown quantity of Navy Special Fuel Oil (NSFO). It is reported that the fuel was pumped from the groundwater table and contaminated soil was removed. In 1970, another leak, of unknown quantities, was discovered in the same area in a pipeline carrying Diesel Fuel Marine (DFM). A layer of fuel is suspected to be present on the water table surface, and soil in the area is suspected to be contaminated with soil.

PSC Site 34. During May 1984, a leak occurred in a pipeline at the north end of Building 3557. The leak reportedly resulted in the loss of approximately 45,000 gallons of a solvent detergent used for cleaning aircraft. The solution contained 1.7 percent chlorinated aromatic hydrocarbons solvent, or approximately 750 gallons of solvent. Contamination of site soils and groundwater may have occurred as the result of the solvent detergent release. Contamination may have penetrated beneath the apron via the expansion joints which separated individual concrete tiles and via runoff of escaped solvent to the unpaved storage tank area. The unpaved drainage ditch in the tank area is suspected to have carried contamination off-site and is presumed to be connected to the paved drainage ditch located west Chevalier Field. It is unknown whether or not site contamination entered into the NAS Pensacola storm sewer system.

These PSC sites were grouped together mainly due to the following: geographic proximity of sites, and the potential for off-site migration and its impact on the other site.

3992 Primary Deliverables:

Draft RI/FS Phase II Workplan  
(Agency Review Comments)

(Navy Receives Comments)

(Navy Addresses Comments)

Draft/Final RI/FS Phase II  
Workplan (P)

Site Management Plan (Revised)

Due Date:

Navy transmits 17 Apr 92  
Due within 90 days of Plan  
delivery

Due 7 days after the 90  
day review period

Due 60 days after  
received comments

Navy transmits 27 Nov 92

Yearly update Sept 92

RI/FS OPERABLE UNIT #6: SOIL SOUTH OF BUILDING 3460. PSC SITE 29;  
AND NAVY YARD DISPOSAL AREA, PSC SITE 9; GROUP F . continued:

1992 Secondary Deliverables:

Target Date:

Draft RI/FS Phase I Data  
Report  
(Agency Review Comments)  
  
(Navy Addresses Comments)

Navy transmits 17 Apr 92  
  
Due within 90 days of report  
delivery  
Due 60 days after  
received comments

Draft/Final RI/FS Phase I  
Data Report (S)  
Final RI/FS Phase I  
Data Report (S)  
Quarterly Reports

Navy transmits 27 Nov 92  
  
Navy transmits 27 Dec 92  
  
Navy transmits on 10 Apr,  
July, and Oct.

projected Deliverables

Projected Date:

Draft Feasibility Study (P)  
Draft/Final Feasibility Study (P)  
Final Feasibility Study (P)  
Draft Proposed Plan (P)  
Draft RI Report (P)  
Draft Baseline Risk Assessment (S)

Navy transmits 26 Jan 93  
Navy transmits 7 Sep 93  
Navy transmits 7 Oct 93  
Navy transmits 13 Dec 93  
Navy transmits 29 Dec 93  
Navy transmits 29 Dec 93

Note:

(P) designates a Primary Document according to page 21 of FFA  
(S) designates a Secondary Document according to page 22 of FFA

**RI/FS OPERABLE UNIT #6: SOIL SOUTH OF BUILDING 3460. PSC SITE 29;  
AND NAVY YARD DISPOSAL AREA, PSC SITE 9; GROUP F :**

<b>Task Name</b>	<b>Start Date</b>	<b>End Date</b>	<b>Duratr (Days)</b>
WORK PLAN APPROVAL	23-Oct-90	23-Oct-90	0.0
<b>RI/FS PHASE I</b>	15-Jun-91	27-Dec-92	561.0
FIELD WORK, DATA RPT	15-Jun-91	10-Apr-92	300.0
SUBMIT DRAFT DATA RPT	10-Apr-92	17-Apr-92	7.0
AGENCY REVIEW	17-Apr-92	16-Jul-92	90.0
YAW RECVS COMMENTS	16-Jul-92	23-Jul-92	7.0
ADDRESS COMMENTS	23-Jul-92	21-Sep-92	60.0
MAIL COMMENTS	21-Sep-92	28-Sep-92	7.0
PREPARE DRAFT/FINAL	21-Sep-92	20-Nov-92	60.0
SUBMIT DRAFT/FINAL	20-Nov-92	27-Nov-92	7.0
DATA RPT FINALIZED	27-Nov-92	27-Dec-92	30.0
<b>RI/FS PHASE II</b>	10-Apr-92	9-Sep-94	882.0
RI REPORT	10-Apr-92	9-Sep-94	882.0
SUBMIT DRAFT WK PLAN	10-Apr-92	17-Apr-92	7.0
AGENCY REVIEW	17-Apr-92	16-Jul-92	90.0
YAW RECVS COMMENTS	16-Jul-92	23-Jul-92	7.0
ADDRESS COMMENTS	23-Jul-92	21-Sep-92	60.0
MAIL COMMENTS	21-Sep-92	28-Sep-92	7.0
PREPARE DRAFT/FINAL	21-Sep-92	20-Nov-92	60.0
SUBMIT DRAFT/FINAL	20-Nov-92	27-Nov-92	7.0
WK PLANS FINALIZED	27-Nov-92	27-Dec-92	30.0
FIELD WORK & RPT	27-Dec-92	22-Dec-93	360.0
SUBMIT DRAFT RI RPT	22-Dec-93	29-Dec-93	7.0
AGENCY REVIEW	29-Dec-93	29-Mar-94	90.0
YAW RECVS COMMENTS	29-Mar-94	5-Apr-94	7.0
ADDRESS COMMENTS	5-Apr-94	4-Jun-94	60.0
MAIL COMMENTS	4-Jun-94	11-Jun-94	7.0
PREPARE DRAFT/FINAL	4-Jun-94	3-Aug-94	60.0
SUBMIT DRAFT/FINAL	3-Aug-94	10-Aug-94	7.0
RI REPORT FINALIZED	10-Aug-94	9-Sep-94	30.0
<b>MSELINE RISK</b>	27-Dec-92	9-Sep-94	621.0
PREPARE DRFT BASELINE	27-Dec-92	22-Dec-93	360.0
SUBMIT DRAFT MSELINE	22-Dec-93	29-Dec-93	7.0
AGENCY REVIEW	29-Dec-93	29-Mar-94	90.0
YAW RECVS COMMENTS	29-Mar-94	5-Apr-94	7.0
ADDRESS COWENTS	5-Apr-94	4-Jun-94	60.0
MAIL COWENTS	4-Jun-94	11-Jun-94	7.0
PREPARE DRAFT/FINAL	4-Jun-94	3-Aug-94	60.0
SUBMIT DRAFT/FINAL	3-Aug-94	10-Aug-94	7.0
BASELINE FINALIZED	10-Aug-94	9-Sep-94	30.0
<b>FEASIBILITY STUDY</b>	20-Nov-92	7-at-93	321.0
PREPARE DRAFT FS	20-Nov-92	19-Jan-93	60.0
W I T DRAFT FS	19-Jan-93	26-Jan-93	7.0
AGENCY REVIEW	26-Jan-93	26-Apr-93	90.0
YAW RECVS COMMENTS	26-Apr-93	3-May-93	7.0
ADDRESS COMMENTS	3-May-93	2-Jul-93	60.0
MAIL COMMENTS	2-Jul-93	9-Jul-93	7.0
PREPARE DRAFT/FINAL	2-Jul-93	31-Aug-93	60.0
SUBMIT DRAFT/FINAL	31-Aug-93	7-Sep-93	7.0
FS RPT FINALIZED	7-Sep-93	7-Oct-93	30.0
<b>PROPOSED Pull (PP)</b>	7-Oct-93	22-Dec-94	441.0
<b>RECORD OF DECISION</b>	23-Oct-94	7-Aug-95	288.0

**TIME LINE Task Report**



RI/FS OPERABLE UNIT #7: RADIUM DIAL SHOP SEWER, PSC SITE 27;  
GROUP G:

DESCRIPTION:

From 1940's to 1976, Building 709 was used to rework instrument dials that were painted with radium containing paint. Spent cleaning solutions and luminous paint were routinely poured into the sanitary sewer at a rate of around 1500 gallons per year. In 1976, the building was dismantled and the drain pipe found to be radioactive at a rate of 1.2 mR/hr. The drain pipe was removed to a depth of 18 inches. The remaining lateral underground portion of the pipe was capped and covered with concrete. The sewer discharge location is not reported. Reportedly, this site is hydraulically downgradient of site 31. At site 31, large quantities of paints, thinners, and solvents were routinely disposed of to the ground.

Sites 25 and 31 have been grouped with site 27 to investigate the extent of contamination. One (1) shallow well and one (1) deep monitoring well was installed near the drain of site 27. Analyses of shallow samples indicate gross Alpha concentrations in the shallow groundwater are below the primary drinking water standard. Chlorinated hydrocarbons were detected. Chlorinated hydrocarbons were not detected in samples from the deeper wells. The groundwater flow direction is, reportedly, north-northeast and toward the drainage ditch. Several analyses for chlorinated VOCs from the installed monitoring wells indicated traces of solvents are present in the groundwater.

The following Screening Site which will be investigated and reported on concurrently with this Operable Unit include: PSC Site 25: Radium Spill Area. At Site 25, the radium removal operations at NAS Pensacola involve stripping radium-containing paint from instrument dials prior to repainting. From 1965 to 1975, these operations were conducted in building 709. In 1975, all activities related to radium painted instruments including stripping and repainting, were permanently moved to building 780. At the present, aircraft instruments containing radium are disassembled in building 780.

It is estimated that 5,000 to 7,000 instruments a year were processed in building 780. Dials were stripped using a thick paint thinner, then soaked in a lye and nitric acid solution. Contaminated instruments cases were processed by soaking in a "turco" acid solution. The components were cleaned with a wire brusk to remove all residue.

Approximately one drum of solid waste and two drums of liquid waste mixed with vermiculite were generated each year from the operations conducted in building 780.

RI/FS OPERABLE UNIT #7: RADIUM DIAL SHOP SEWER, PSC SITE 27;  
GROUP G, continued:

DESCRIPTION:

1992 Primary Deliverables:

Due Date:

Draft RI/FS Phase II Workplan  
(Agency Review Comments)  
  
(Navy Receives Comments)  
  
(Navy Addresses Comments)  
  
Draft/Final RI/FS Phase II  
Workplan (P)  
Site Management Plan (Revised)

Navy transmits 17 Apr 92  
Due within 90 days of Plan  
delivery  
Due 7 days after the 90  
day review period  
Due 60 days after  
received comments  
Navy transmits 27 Nov 92  
  
Yearly update Sep 92

1992 Secondary Deliverables:

Target Date:

Draft RI/FS Phase I Data  
Report  
(Agency Review Comments)  
  
(Navy Addresses Comments)  
  
Draft/Final RI/FS Phase I  
Data Report (S)  
Final RI/FS Phase I  
Data Report (S)  
Quarterly Reports

Navy transmits 17 Apr 92  
Due within 90 days of report  
delivery  
Due 60 days after  
received comments  
Navy transmits 27 Nov 92  
  
Navy transmits 27 Dec 92  
  
Navy transmits on 10 Apr,  
July, and Oct.

RI/FS OPERABLE UNIT #7: RADIUM DIAL SHOP SEWER, PSC SITE 27;  
GROUP G, continued:

Projected Deliverables

Projected Date:

Draft Feasibility Study (P)	Navy transmits 26 Jan 93
Draft/Final Feasibility Study (P)	Navy transmits 7 Sep 93
Final Feasibility Study (P)	Navy transmits 7 Oct 93
Draft Proposed Plan (P)	Navy transmits 13 Dec 93
Draft RI Report (P)	Navy transmits 29 Dec 93
Draft Baseline Risk Assessment (S)	Navy transmits 29 Dec 93

Note:

(P) designates a Primary Document according to page 21 of FFA  
(S) designates a Secondary Document according to page 22 of FFA

**RI/FS OPERABLE UNIT #7: RADIUM DIAL SHOP SEWER. PSC SITE 27:**  
**GROUP G.:**

Task Name	Start Date	End Date	Duratr (Days)
WORK PLAN APPROVAL	23-Oct-90	23-Oct-90	00
RI/FS PHASE 1	15-Jun-91	27-Dec-92	561.0
FIELD WORK, DATA RPT	15-Jun-91	10-Apr-92	300.0
SUBMIT DRAFT DATA RPT	10-Apr-92	17-Apr-92	7.0
AGENCY REVIEW	17-Apr-92	16-Jul-92	90.0
NAVY RECYS COMMENTS	16-Jul-92	23-Jul-92	7.0
ADDRESS COMMENTS	23-Jul-92	21-Sep-92	60.0
MIL COMMENTS	21-Sep-92	28-Sep-92	7.0
PREPARE DRAFT/FINAL	21-Sep-92	20-Nov-92	60.0
SUBMIT DRAFT/FINAL	20-Nov-92	27-Nov-92	7.0
DATA RPT FINALIZED	27-Nov-92	27-Dec-92	30.0
RI/FS PHASE 11	10-Apr-92	9-Sep-94	882.0
RI REPORT	10-Apr-92	9-Sep-94	882.0
SUBMIT DRAFT WK PLAN	10-Apr-92	17-Apr-92	7.0
AGENCY REVIEW	17-Apr-92	16-Jul-92	90.0
NAVY RECYS COMMENTS	16-Jul-92	23-Jul-92	7.0
ADDRESS COMMENTS	23-Jul-92	21-Sep-92	60.0
MIL COMMENTS	21-Sep-92	28-Sep-92	7.0
PREPARE DRAFT/FINAL	21-Sep-92	20-Nov-92	60.0
SUBMIT DRAFT/FINAL	20-Nov-92	27-Nov-92	7.0
WK PLANS FINALIZED	27-Nov-92	27-Dec-92	30.0
FIELD WORK & RPT	27-Dec-92	22-Dec-93	360.0
SUBMIT DRAFT RI RPT	22-Dec-93	29-Dec-93	7.0
AGENCY REVIEW	29-Dec-93	29-Mar-94	90.0
YAW RECYS COMMENTS	29-Mar-94	5-Apr-94	7.0
ADDRESS COMMENTS	5-Apr-94	4-Jun-94	60.0
MAIL COMMENTS	4-Jun-94	11-Jun-94	7.0
PREPARE DRAFT/FINAL	4-Jun-94	3-Aug-94	60.0
SUBMIT DRAFT/FINAL	3-Aug-94	10-Aug-94	7.0
RI REPORT FINALIZED	10-Aug-94	9-Sep-94	30.0
BASELINE RISK	27-Oct-92	9-Sep-94	621.0
PREPARE DRFT BASELINE	27-Dec-92	22-Dec-93	360.0
SUBMIT DRAFT BASELINE	22-Dec-93	29-Dec-93	7.0
AGENCY REVIEW	29-Dec-93	29-Mar-94	90.0
YAW REMI COMMENTS	29-Mar-94	5-Apr-94	7.0
ADDRESS COMMENTS	5-Apr-94	4-Jun-94	60.0
MAIL COMMENTS	4-Jun-94	11-Jun-94	7.0
PREPARE DRAFT/FINAL	4-Jun-94	3-Aug-94	60.0
SUBMIT DRAFT/FINAL	3-Aug-94	10-Aug-94	7.0
BASELINE FINALIZED	10-Aug-94	9-Sep-94	30.0
FUSIBILITY STUDY	20-Nov-92	7-Oct-93	321.0
PREPARE DRAFT FS	20-Nov-92	19-Jan-93	60.0
SUBMIT DRAFT FS	19-Jan-93	26-Jan-93	7.0
AGENCY REVIEW	26-Jan-93	26-Apr-93	90.0
YAW REMI COMMENTS	26-Apr-93	3-May-93	7.0
ADDRESS COMMENTS	3-May-93	2-Jul-93	60.0
MAIL COMMENTS	2-Jul-93	9-Jul-93	7.0
PREPARE DRFT/FINAL	2-Jul-93	31-Aug-93	60.0
SUBMIT DRAFT/FINAL	31-Aug-93	7-Sep-93	7.0
FS RPT FINALIZED	7-Sep-93	7-Sep-93	30.0
PROPOSED PLAN (PP)	7-Oct-93	22-Dec-94	441.0
RECORD OF DECISION	23-Oct-94	7-Aug-95	288.0

TIME LINE Task Report



RI/FS OPERABLE UNIT #8: CRASH CREW TRAINING AREA, PSC SITE 3;  
GROUP J:

DESCRIPTION:

These areas are near Sherman Airfield. Personnel have been trained to fight aviation fires at these areas since 1955. Ignitable fuels are poured into shallow, unlined depressions and set a fire. The fires are extinguished with foam agents. Eighteen (18) soil borings were made to locate free products at this site. Six (6) monitoring wells are installed to monitor for volatile organic compounds (VOCs). No free products was found although halogenated VOCs were detected in low concentrations in three (3) of the monitoring wells. A storm drain parallel to the runway may affect the shallow groundwater flow direction. No analysis for non-halogenated volatiles have been made. No sampling of water in the storm drain has been made. In addition to the in depth study, modifications which eliminate pouring fuels directly into porous unlined pits have been adopted. The remedial investigation will include a determination of the storm drain discharge point. Since leaded gasoline is involved, the need to sample for heavy metals at the discharge point is indicated.

The following Screening Site which will be investigated and reported on concurrently with this Operable Unit include; PSC Site 19: Fuel Farm Pipeline Leak Area; the fuel farm pipeline leak is located southwest of Forrest Sherman field, approximately 1,300 feet west of the southern portion of aircraft runway 36. The pipeline leak occurred near the center of an above ground section of double pipeline, which runs between the fuel farm tanks and tank truck loading facility at Forrest Sherman Field. Surrounding the location of the leak is a stressed area of vegetation, measuring approximately 200 feet by 400 feet. As recently as 1983, no significant regrowth had taken place and dead trees were still present at the sites during E&E's preliminary reconnaissance. The site area measures approximately 850 by 1,000 feet. Several jeep trails and unimproved roads traverse the site, one of which lies parallel to the aboveground pipeline. The site is generally flat with land surface elevations averaging approximately 27 to 28 feet above MSL. The soil are generally sandy and well drained,

RI/FS OPERABLE UNIT #8: CRASH CREW TRAINING AREA, PSC SITE 3;  
GROUP J, continued:

1992 Primary Deliverables:

Due Date:

Draft RI/FS Phase II Workplan (Agency Review Comments) ,  (Navy Receives Comments)  (Navy Addresses Comments)	Navy transmits 17 Apr 92 Due within 90 days of Plan delivery Due 7 days after the 90 day review period Due 60 days after received comments
Draft/Final RI/FS Phase II Workplan (P) Site Management Plan (Revised)	Navy transmits 27 Nov 92  Yearly update Sep 92

1992 Secondary Deliverables:

Target Date:

Draft RI/FS Phase I Data Report (Agency Review Comments)  (Navy Addresses Comments)	Navy transmits 17 Apr 92  Due within 90 days of report delivery Due 60 days after received comments
Draft/Final RI/FS Phase I Data Report (S)	Navy transmits 27 Nov 92
Final RI/FS Phase I Data Report (S)	Navy transmits 27 Dec 92
Quarterly Reports	Navy transmits on 10 Apr, July, and Oct.

Projected Deliverables

Projected Date:

Draft RI Report (P)	Navy transmits 29 Dec 93
Draft Baseline Risk Assessment (S)	Navy transmits 29 Dec 93
Draft Feasibility Study (P)	Navy transmits 26 Jan 93
Draft/Final Feasibility Study (P)	Navy transmits 7 Sep 93
Final Feasibility Study (P)	Navy transmits 7 Oct 93
Draft Proposed Plan (P)	Navy transmits 13 Dec 93

Note:

(P) designates a Primary Document according to page 21 of FFA  
(S) designates a Secondary Document according to page 22 of FFA

**RI/FS OPERABLE UNIT #8: CRASH CREW TRAINING AREA, PSC SITE 3;  
 GROUP J:**

Task Name	Start Date	End Date	Duratin (Days)
WORK PLAN APPROVAL	23-Oct-90	23-Oct-90	0.0
RI/FS PHASE 1	15-Jun-91	27-Du-92	561.0
FIELD WORK, DATA RPT	15-Jun-91	10-Apr-92	300.0
SUBMIT DRAFT DATA RPT	10-Apr-92	17-Apr-92	7.0
AGENCY REVIEW	17-Apr-92	16-Jul-92	90.0
NAVY RECVS COMMENTS	16-Jul-92	23-Jul-92	7.0
ADDRESS COMMENTS	23-Jul-92	21-Sep-92	60.0
MAIL COMMENTS	21-Sep-92	28-Scp-92	7.0
PREPARE DRAFT/FINAL	21-Sep-92	20-Nov-92	60.0
SUBMIT DRAFT/FINAL	20-Nov-92	27-Nov-92	7.0
DATA RPT FINALIZED	27-NOV-92	27-OU -92	30.0
RI/FS PHASE II	10-Apr-92	9-sep-94	882.0
RI REPORT	10-Apr-92	9-Sep-94	882.0
SUBMIT DRAFT WK PLAN	10-Apr-92	17-Apr-92	7.0
AGENCY REVIEW	17-Apr-92	16-Jul-92	90.0
YAW RECVS COMMENTS	16-Jul-92	23-Jul-92	7.0
ADDRESS COMMENTS	23-Jul-92	21-Sep-92	60.0
MAIL COMMENTS	21-Sep-92	28-Sep-92	7.0
PREPARE DRAFT/FINAL	21-Sep-92	20-Nov-92	60.0
SUBMIT DRAFT/FINAL	20-Nov-92	27-Nov-92	7.0
WK PLANS FINALIZED	27-Nov-92	27-Dec-92	30.0
FIELD WRK & RPT	27-Dec-92	22-Dec-93	360.0
SUBMIT DRAFT RI RPT	22-Dec-93	29-Dec-93	7.0
AGENCY REVIEW	29-Du-93	29-Mar-94	90.0
NAVY RECVS COMMENTS	29-Mar-94	5-Apr-94	7.0
ADDRESS COMMENTS	5-Apr-94	4-Jun-94	60.0
MAIL COMMENTS	4-Jun-94	11-Jun-94	7.0
PREPARE DRAFT/FINAL	4-Jun-94	3-Aug-94	60.0
SUBMIT DRAFT/FINAL	3-Aug-96	10-Aug-94	7.0
RI REPORT FINALIZED	10-Aug-94	9-Sep-94	30.0
BASILINE RISK	27-Dcc-92	9-Sep-94	621.0
PREPARE DRFT BASELINE	27-Occ-92	22-Oec-93	360.0
SUBMIT DRAFT BASELINE	22-Dee-93	29-Dac-93	7.0
AGENCY REVIEW	29-Du-93	29-Mar-94	90.0
NAVY RECVS COMMENTS	29-Mar-94	5-Apr-94	7.0
ADDRESS COMMENTS	5-Apr-94	4-Jun-94	60.0
MAIL COMMENTS	4-Jun-94	11-Jun-94	7.0
PREPARE DRAFT/FINAL	4-Jun-94	3-Aug-94	60.0
SUBMIT DRAFT/FINAL	3-Aug-94	10-Aug-94	7.0
BASILINE FINALIZED	10-Aug-94	9-Sep-94	30.0
FEASIBILITY STUDY	20-Nov-92	7-Oct-93	321.0
PREPARE DRAFT FS	20-Nov-92	19-Jan-93	60.0
SUBMIT DRAFT FS	19-Jan-93	26-Jan-93	7.0
AGENCY REVIEW	26-Jan-93	26-Apr-93	90.0
NAVY RECVS COMMENTS	26-Apr-93	3-May-93	7.0
ADDRESS COMMENTS	3-May-93	2-Jul-93	60.0
MAIL COMMENTS	2-Jul-93	9-Jul-93	7.0
PREPARE DRFT/FINAL	2-Jul-93	31-Aug-93	60.0
SUBMIT DRAFT/FINAL	31-Aug-93	7-Sep-93	7.0
FS RPT FINALIZED	7-Sep-93	7-Oct-93	30.0
PROPOSED PLAN (PP)	7-Oct-93	22-Dec-94	441.0
RECORD OF DECISION	23-Oct-94	7-Aug-95	288.0

TIME LINE Task Report



RI/FS OPERABLE UNIT #9: SOIL NORTH OF BUILDING 648. PSC SITE 31:  
GROUP M:

DESCRIPTION:

Over a fifteen (15) year period, nearly 30,000 gallons of waste paint, thinner and paint sludges were poured into the ground in this area. The only monitoring well near the site indicated low concentrations of chlorinated hydrocarbons. A second round of samples from this monitoring well detected no chlorinated volatiles. The exact location of the disposal site in relation to the monitoring wells is not reported. The plume of contamination may have already passed the monitoring point. One monitoring well may be inadequate at this site and deficiencies exist in the other monitoring wells associated with this site and PSC site 27. Further indepth study will be conducted.

1992 Primary Deliverables:

Due Date:

Draft RI/FS Phase II Workplan  
(Agency Review Comments)  
  
(Navy Receives Comments)  
  
(Navy Addresses Comments)  
  
Draft/Final RI/FS Phase II  
Workplan (P)  
Site Management Plan (Revised)

Navy transmits 17 Apr 92  
Due within 90 days of Plan  
delivery  
Due 7 days after the 90  
day review period  
Due 60 days after  
received comments  
Navy transmits 27 Nov 92  
  
Yearly update Sep 92

RI/FS OPERABLE UNIT #9: SOIL NORTH OF BUILDING 648, PSC SITE 31:  
GROUP M, continued:

1992 Secondary Deliverables:

Target Date:

Draft RI/FS Phase I Data  
Report  
(Agency Review Comments)  
(Navy Addresses Comments)

Navy transmits 17 Apr 92  
Due within 90 days of report  
delivery  
Due 60 days after  
received comments

Draft/Final RI/FS Phase I  
Data Report (S)  
Final RI/FS Phase I  
Data Report (S)  
Quarterly Reports

Navy transmits 27 Nov 92  
Navy transmits 27 Dec 92  
Navy transmits on 10 Apr,  
July, and Oct.

Projected Deliverables

Projected Date:

Draft RI Report (P)  
Draft Baseline Risk Assessment (S)  
Draft Feasibility Study (P)  
Draft/Final Feasibility Study (P)  
Final Feasibility Study (P)  
Draft Proposed Plan (P)

Navy transmits 29 Dec 93  
Navy transmits 29 Dec 93  
Navy transmits 26 Jan 93  
Navy transmits 7 Sep 93  
Navy transmits 7 Oct 93  
Navy transmits 13 Dec 93

Note:

(P) designates a Primary Document according to page 21 of FFA  
(S) designates a Secondary Document according to page 22 of FFA

**SITE MANAGEMENT PLAN  
NAVAL AIR STATION PENSACOLA  
PENSACOLA, FLORIDA**

**8 NOVEMBER 1991  
PAGE 46 OF 76**

**RI/FS OPERABLE UNIT #9: SOIL NORTH OF BUILDING 648, PSC SITE 31,  
GROUP M:**

<b>Task Name</b>	<b>Start Date</b>	<b>End Date</b>	<b>Duration (Days)</b>
WORK PLAN APPROVAL	23-Oct-90	23-Oct-90	0.0
RI/FS PHASE 1	15-Jun-91	27-Dec-92	561.0
FIELD WORK, DATA RPT	15-Jun-91	10-Apr-92	300.0
SUBMIT DRAFT DATA RPT	10-Apr-92	17-Apr-92	7.0
AGENCY REVIEW	17-Apr-92	16-Jul-92	90.0
NAVY RECYS COMMENTS	16-Jul-92	23-Jul-92	7.0
ADDRESS COMMENTS	23-Jul-92	21-Sep-92	60.0
MAIL COMMENTS	21-Sep-92	28-Sep-92	7.0
PREPARE DRAFT/FINAL	21-Sep-92	20-Nov-92	60.0
SUBMIT DRAFT/FINAL	20-Nov-92	27-Nov-92	7.0
DATA RPT FINALIZED	27-Nov-92	27-Dec-92	30.0
RI/FS PHASE 11	10-Apr-92	9-Sep-94	882.0
RI REPORT	10-Apr-92	9-Sep-94	882.0
SUBMIT DRAFT WK PLAN	10-Apr-92	17-Apr-92	7.0
AGENCY REVIEW	17-Apr-92	16-Jul-92	90.0
NAVY RECYS COMMENTS	16-Jul-92	23-Jul-92	7.0
ADDRESS COMMENTS	23-Jul-92	21-Sep-92	60.0
MAIL COMMENTS	21-Sep-92	28-Sep-92	7.0
PREPARE DRAFT/FINAL	21-Sep-92	20-Nov-92	60.0
SUBMIT DRAFT/FINAL	20-Nov-92	27-Nov-92	7.0
WK PLANS FINALIZED	27-Nov-92	27-Dec-92	30.0
FIELD WORK & RPT	27-Dec-92	22-Dec-93	360.0
SUBMIT DRAFT RI RPT	22-Dec-93	29-Dec-93	7.0
AGENCY REVIEW	29-Dec-93	29-Mar-94	90.0
NAVY RECYS COMMENTS	29-Mar-94	5-Apr-94	7.0
ADDRESS COMMENTS	5-Apr-94	4-Jun-94	60.0
MAIL COMMENTS	4-Jun-94	11-Jun-94	7.0
PREPARE DRAFT/FINAL	4-Jun-94	3-Aug-94	60.0
SUBMIT DRAFT/FINAL	3-Aug-94	10-Aug-94	7.0
RI REPORT FINALIZED	10-Aug-94	9-Sep-94	30.0
BASELINE RISK	27-Dec-92	9-Sep-94	621.0
PREPARE DRFT BASELINE	27-Dec-92	22-Dec-93	360.0
SUBMIT DRAFT BASELINE	22-Dec-93	29-Dec-93	7.0
AGENCY REVIEW	29-Dec-93	29-Mar-94	90.0
NAVY RECYS COMMENTS	29-Mar-94	5-Apr-94	7.0
ADDRESS COMMENTS	5-Apr-94	4-Jun-94	60.0
MAIL COMMENTS	4-Jun-94	11-Jun-94	7.0
PREPARE DRAFT/FINAL	4-Jun-94	3-Aug-94	60.0
SUBMIT DRAFT/FINAL	3-Aug-94	10-Aug-94	7.0
BASELINE FINALIZED	10-Aug-94	9-Sep-94	30.0
FEASIBILITY STUDY	20-Nov-92	7-Oct-93	321.0
PREPARE DRAFT FS	20-Nov-92	19-Jan-93	60.0
SUBMIT DRAFT FS	19-Jan-93	26-Jan-93	7.0
AGENCY REVIEW	26-Jan-93	26-Apr-93	90.0
NAVY RECYS COMMENTS	26-Apr-93	3-May-93	7.0
ADDRESS COMMENTS	3-May-93	2-Jul-93	60.0
MAIL COMMENTS	2-Jul-93	9-Jul-93	7.0
PREPARE DRFT/FINAL	2-Jul-93	31-Aug-93	60.0
SUBMIT DRAFT/FINAL	31-Aug-93	7-Sep-93	7.0
FS RPT FINALIZED	7-Sep-93	7-Oct-93	30.0
PROPOSED PLAN (PP)	7-Oct-93	22-Dec-94	441.0
RECORD OF DECISION	23-Oct-94	7-Aug-95	288.0

**TIME LINE Task Report**

**SITE MANAGEMENT PLAN  
NAVAL AIR STATION PENSACOLA  
PENSACOLA, FLORIDA**

**8 NOVEMBER 1991  
PAGE 47 OF 76**

**RI/FS OPERABLE UNIT #9: SOIL NORTH OF BUILDING 648, PSC SITE 31:  
GROUP M:**

Task Name	Start Date	End Date	Duratn (Days)	91		92												93								
				Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May
WORK PLAN APPROVAL	23-Oct-90	23-Oct-90	0																							
RI/FS PHASE I	15-Jun-91	27-Ow-92	561																							
FIELD WORK, DATA RPT	15-Jun-91	10-Apr-92	300	XX																						
SUBMIT DRAFT DATA RPT	10-Apr-92	17-Apr-92	7	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
AGENCY REVIEW	17-Apr-92	16-Jul-92	90	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
NAVY RECVS COMMENTS	16-Jul-92	23-Jul-92	7	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
ADDRESS COMMENTS	23-Jul-92	21-Sep-92	60	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
MAIL COMMENTS	21-Sep-92	28-Sep-92	7	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
PREPARE DRAFT/FINAL	21-Sep-92	20-Nov-92	60	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
SUBMIT DRAFT/FINAL	20-Nov-92	27-Nov-92	7	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
DATA RPT FINALIZED	27-Nov-92	27-Dec-92	30	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
RI/FS PHASE II	10-Apr-92	9-Sep-94	882	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
RI REPORT	10-Apr-92	9-Sep-94	882	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
SUBMIT DRAFT WK PLAN	10-Apr-92	17-Apr-92	7	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
AGENCY REVIEW	17-Apr-92	16-Jul-92	90	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
NAVY RECVS COMMENTS	16-Jul-92	23-Jul-92	7	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
ADDRESS COMMENTS	23-Jul-92	21-Sep-92	60	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
MAIL COMMENTS	21-Sep-92	28-Sep-92	7	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
PREPARE DRAFT/FINAL	21-Sep-92	20-Nov-92	60	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
SUBMIT DRAFT/FINAL	20-Nov-92	27-Nov-92	7	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
WK PLANS FINALIZED	27-Nov-92	27-Dec-92	30	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
FIELD WORK 6 RPT	27-Dec-92	22-Dec-93	360	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
SUBMIT DRAFT RI RPT	22-Dec-93	29-Dec-93	7	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
AGENCY REVIEW	29-Dec-93	29-Mar-94	90	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
NAVY RECVS COMMENTS	29-Mar-94	5-Apr-94	7	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
ADDRESS COMMENTS	5-Apr-94	4-Jun-94	60	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
MAIL COMMENTS	4-Jun-94	11-Jun-94	7	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
PREPARE DRAFT/FINAL	4-Jun-94	3-Aug-94	60	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
SUBMIT DRAFT/FINAL	3-Aug-94	10-Aug-94	7	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
RI REPORT FINALIZED	10-Aug-94	9-Sep-94	30	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
+ BASELINE RISK	27-Dec-92	9-Sep-94	621	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
+ FEASIBILITY STUDY	20-Nov-92	7-Oct-93	321	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
+ PROPOSED PLAN (PP)	7-Oct-93	22-Dec-94	441	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
+ RECORD OF DECISION	23-Oct-94	7-Aug-95	288	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.

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 XXXXX Detail Task   #### Summary Task   \*\*\*\*\* Baseline  
 xxXXX (Progress)   ==### (Progress)   >>> Conflict  
 XXX-- (Slack)   ###-- (Slack)   ..XXX Resource delay  
 Progress shows Percent Achieved on Actual   M Milestone  
 ----- Scale: 7 days per character -----

RI/FS OPERABLE UNIT #10: IWTP SLUDGE DRYING BEDS, PSC SITE 32; AND  
WWTP PONDS, PSC SITE 33; GROUP 0:

DESCRIPTION:

PSC Site 32- Industrial Wastewater Treatment Plant (IWTP) Sludge Drying Beds- These contiguous units have been operated with the IWTP from 1971 to 1984. These units received listed hazardous waste sludges (F006) from the RCRA surface impoundment (IWTP Surge Pond), and, as a result, underwent RCRA closure in 1989. The contents of the drying beds (remaining sludge and leachate drainage system) and an underlying layer of sand were removed to about six feet below ground's surface. The material removed was disposed of as a hazardous waste. The site was then backfilled with clean sand and capped with high density asphalt. The site's groundwater is monitored by three (3) monitoring wells and the surrounding HSWA permit groundwater monitoring system. The site will continue to be monitored under the HSWA permit as a part of the IR Program.

PSC Site 33- Wastewater Treatment Pond- Surface Impoundments consisting of the domestic polishing pond, phenol/stabilization pond and industrial surge pond. In 1987, the EPA RCRA Compliance Branch determined that the polishing and stabilization ponds received listed F006 hazardous waste from the surge pond. The ponds were taken out-of-service at that time. In 1988-1989, the ponds underwent RCRA permitted "clean closures". The sediment in the ponds was removed and disposed of as hazardous waste. No further formal monitoring of these surface impoundments is required, but they are in range of the HSWA permit monitoring system. The industrial surge pond was taken out-of-service and underwent closure in 1989. The industrial surge pond is suspected of being the prime contribution to the IWTP groundwater contamination. The surge pond was completely removed down to the groundwater table. The groundwater table is approximately six (6) feet below ground level. All removed material was disposed of as a hazardous waste. The surge pond site will continue to be monitored under the HSWA permit as part of the IR program.

The following Screening Site which will be investigated and reported on concurrently with this Operable Unit include; PSC site 35: Miscellaneous IWTP SWMUs; These sites are within the same area as site 32 and 33, and they were found after the construction in 1971 and upgrading of the existing WWTP to provide tertiary treatment of industrial wastes and secondary treatment of the domestic wastes by NAS Pensacola.

These PSC sites were grouped together due to the following: geographic proximity of sites, similar contamination types, and similar groundwater flow.

**RI/FS OPERABLE UNIT #10: IWTP SLUDGE DRYING BEDS, PSC SITE 32; AND**  
**WWTP PONDS, PSC SITE 33: GROUP O: continued**

**1992 Primary Deliverables:**

Draft/Final RI/FS  
Workplan (P)  
Final RI/FS Workplan (P)  
Draft FS (P)  
Draft/Final FS (P)  
Final FS (P)  
(Agency Review Comments)  
  
(Navy Receives Comments)  
  
(Navy Addresses Comments)  
  
Site Management Plan (Revised)

**Due Date:**

Navy transmits 11 Jan 92  
  
Navy transmits 10 Feb 92  
Navy transmits 11 Mar 92  
Navy transmits 21 Oct 92  
Navy transmits 20 Nov 92  
Due within 90 days of Plan  
delivery  
Due 7 days after the 90  
day review period  
Due 60 days after  
received comments  
Yearly update Sep 92

**1992 Secondary Deliverables:**

Quarterly Reports

**Target Date:**

Navy transmits on 10 Apr,  
July, and Oct.

**Projected Deliverables**

Draft RI Report (P)  
Draft Baseline Risk Assessment (S)  
Draft/Final RI Report (P)  
Draft/Final Baseline Risk  
Assessment (S)  
Final RI Report (P)  
Final Baseline Risk  
Assessment (S)

**Projected Date:**

Navy transmits 8 Mar 93  
Navy transmits 8 Mar 93  
Navy transmits 18 Oct 93  
Navy transmits 18 Oct 93  
  
Navy transmits 17 Nov 93  
Navy transmits 17 Nov 93

**Note:**

(P) designates a Primary Document according to page 21 of FFA  
(S) designates a Secondary Document according to page 22 of FFA

**RI/FS OPERABLE UNIT #10: IWTP SLUDGE DRYING BEDS, PSC SITE 32: AND  
 WWTP PONDS, PSC SITE 33: GROUP O:**

Task Name	Start Date	End Date	Duratr (Days)
<b>RI/FS</b>	15-Jun-91	17-Nov-93	<b>886.0</b>
<b>RI REPORT</b>	15-Jun-91	17-Nov-93	<b>886.0</b>
SUBMIT DRAFT WORK PLAN	15-Jun-91	22-Jun-91	7.0
AGENCY REVIEW	22-Jun-91	6-Sep-91	76.0
NAVY RECYS COMMENTS	6-Sep-91	13-Sep-91	7.0
ADDRESS COMMENTS	13-Sep-91	5-Nov-91	<b>53.0</b>
MAIL COMMENTS	5-Nov-91	12-Nov-91	7.0
PREPARE DRAFT/FINAL	5-Nov-91	4-Jan-92	60.0
SUBMIT DRAFT/FINAL	4-Jan-92	11-Jan-92	7.0
WORK PLAN FINALIZED	11-Jan-92	10-Feb-92	30.0
FIELD WORK, RI RPT	10-Feb-92	1-Mar-93	385.0
SUBMIT DRAFT RI RPT	1-Mar-93	8-Mar-93	7.0
AGENCY REVIEW	8-Mar-93	6-Jun-93	90.0
NAVY RECYS COMMENTS	6-Jun-93	13-Juni-93	7.0
ADDRESS COMMENTS	13-Jun-93	12-Aug-93	60.0
MAIL COMMENTS	12-Aug-93	19-Aug-93	7.0
PREPARE DRAFT/FINAL	12-Aug-93	11-Oct-93	60.0
SUBMIT DRAFT/FINAL	11-Oct-93	18-Oct-93	7.0
RI RPT FINALIZED	18-Oct-93	17-Nov-93	30.0
<b>BASELINE RISK</b>	10-Feb-92	17-Nov-93	<b>646.0</b>
PREPARE DRFT BASELINE	10-Feb-92	1-Mar-93	385.0
SUBMIT DRAFT BASELINE	1-Mar-93	8-Mar-93	7.0
AGENCY REVIEW	8-Mar-93	6-Jun-93	90.0
NAVY RECYS COMMENTS	6-Jun-93	13-Juni-93	7.0
ADDRESS COMMENTS	13-Jun-93	12-Aug-93	60.0
MAIL COMMENTS	12-Aug-93	19-Aug-93	7.0
PREPARE DRAFT/FINAL	12-Aug-93	11-Oct-93	60.0
SUBMIT DRAFT/FINAL	11-Oct-93	18-Oct-93	7.0
BASELINE FINALIZED	18-Oct-93	17-Nov-93	30.0
<b>FEASIBILITY STUDY</b>	4-Jan-92	20-Nov-92	<b>321.0</b>
PREPARE DRAFT FS	4-Jan-92	4-Mar-92	60.0
SUBMIT DRAFT FS	4-Mar-92	11-Mar-92	7.0
AGENCY REVIEW	11-Mar-92	9-Juni-92	90.0
NAVY RECYS COMMENTS	9-Jun-92	16-Ju-92	7.0
ADDRESS COMMENTS	16-Jun-92	15-Aug-92	60.0
MAIL COMMENTS	15-Aug-92	22-Aug-92	7.0
PREPARE DRFT/FINAL	15-Aug-92	14-Oct-92	60.0
SUBMIT DRAFT/FINAL	14-Oct-92	21-Oct-92	7.0
FS RPT FINALIZED	21-Oct-92	20-Nov-92	30.0
PUN (PP)	20-Nov-92	4-Feb-94	441.0
PREPARE PP	20-Nov-92	19-Jan-93	60.0
SUBMIT DRAFT PP	19-Jan-93	26-Jan-93	7.0
AGENCY REVIEW	26-Jan-93	26-Apr-93	90.0
NAVY RECYS COMMENTS	26-Apr-93	3-May-93	7.0
ADDRESS COMMENTS	3-May-93	2-Jul-93	60.0
MAIL COMMENTS	2-Jul-93	9-Jul-93	7.0
PREPARE DRAFT/FINAL	2-Jul-93	31-Aug-93	60.0
SUBMIT DRAFT/FINAL	31-Aug-93	7-Sep-93	7.0
PP FINALIZED	7-Sep-93	7-Oct-93	30.0
PREPARE PUBLIC NOTICE	7-Oct-93	22-Oct-93	15.0
PUBLISH PUBLIC NOTICE	22-Oct-93	21-Nov-93	30.0
PUBLIC COMMENT PERIOD	21-Nov-93	5-Jan-94	45.0
PUBLIC MEETING	5-Dec-93	6-Dec-93	1.0
RESPONSIVENESS SUMMARY	5-Jan-94	4-Feb-94	30.0
RECORD OF DECISION	6-Dec-93	20-Stp-94	288.0
PREPARE DRAFT ROD	6-Dec-93	5-Jan-94	30.0
SUBMIT DRAFT ROD	5-Jan-94	12-Jan-94	7.0
AGENCY REVIEW	12-Jan-94	12-Apr-94	<b>90.0</b>
NAVY RECYS COMMENTS	12-Apr-94	19-Apr-94	7.0
ADDRESS COMMENTS	19-Apr-94	18-Jun-94	60.0
MAIL COMMENTS	18-Jun-94	25-Jun-94	7.0
PREPARE DRAFT/FINAL	18-Jun-94	17-Aug-94	60.0
SUBMIT DRAFT/FINAL	17-Aug-94	20-Aug-94	3.0
ROD FINALIZED	20-Aug-94	19-Sep-94	50.0
SIGNATURE	19-Sep-94	20-Stp-94	1.0



~~RI/FS OPERABLE UNIT #11: BUILDING 71, PSC SITE 38: GROUP D:~~

DESCRIPTION:

Building 71 is undergoing RCRA **closure**. This building was a storage area for hazardous waste. In accordance with the closure plan, no soils testing was required. The soil testing which was conducted detected hazardous waste constituents, the presence of which is consistent with the use of Building 49, 71, and 72 during the period from about 1935 to the late 1970's for aircraft paint stripping and painting operations. These activities are described in the IAS in detail. The study documents identify the use of paint strippers, ketone, and trichloroethylene (for parts cleaning) in buildings 49 and 71. Ten 550 gallon tanks were located in these facilities which were periodically drained through the underground lines from the buildings to the bay. A cyanate spill in the area near buildings 71 and 104 and the presence of cyanates in the adjacent bay waters also are documented in the report. Prior use of the facility is described in more detail in the referenced report.

1992 Primary Deliverables:

Due Date:

Draft/Final RI/FS Workplan (Phase I) (P)	Navy transmits 2 May 92
Final RI/FS Workplan (P) (Phase I)	Navy transmits 1 Jun 92
Draft FS (P) (Agency Review Comments)	Navy transmits 1 Jul 92 Due within 90 days of Plan delivery
(Navy Receives Comments)	Due 7 days after the 90 day review period
(Navy Addresses Comments)	Due 60 days after received comments
Site Management Plan (Revised)	Yearly update Sep 92

1992 Secondary Deliverables:

Target Date:

Quarterly Reports	Navy transmits on 10 Apr, July, and Oct.
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RI/FS OPERABLE UNIT #11: BUILDING 71, PSC SITE 38; GROUP P,  
continued:

DESCRIPTION:

Projected Date:

Draft RI Report (P)	Navy transmits 28 Jun 93
Draft Baseline Risk Assessment (S)	Navy transmits 28 Jun 93
Draft/Final Feasibility Study (P)	Navy transmits 10 Feb 93
Final Feasibility Study (P)	Navy transmits 12 Mar 93
Draft Proposed Plan (P)	Navy transmits 18 May 93
Draft/Final Proposed Plan (P)	Navy transmits 28 Dec 93

Note:

(P) designates a Primary Document according to page 21 of FFA  
(S) designates a Secondary Document according to page 22 of FFA

**RI/FS OPERABLE UNIT #11: BUILDING 71, PSC SITE 38; GROUP P:**

<b>Task Name</b>	<b>Start Date</b>	<b>End Date</b>	<b>Duratr (Days)</b>
<b>RI/FS</b>	15-Sep-91	8-nay-94	966.0
<b>RI REPORT</b>	15-Sep-91	9-Mar-94	906.0
SUBMIT DRAFT WORK PLAN	15-Sep-91	22-Sep-91	7.0
AGENCY REVIEW	21-Sep-91	20-Dec-91	90.0
NAVY RCVS COMMENTS	20-Dec-91	27-Dec-91	7.0
ADDRESS COMMENTS	27-Dec-91	25-Feb-92	60.0
WAIL COMMENTS	25-Feb-92	3-Mar-92	7.0
PREPARE DRAFT/FINAL	25-Feb-92	25-Apr-92	60.0
SUBMIT DRAFT/FINAL	25-Apr-92	2-nay-92	7.0
WORK P W FINALIZED	2-May-92	1-Jun-92	30.0
FIELD WORK, RI RPT	1-Jun-92	21-Jun-93	385.0
SUBMIT DRAFT RI RPT	21-Jun-93	28-Jun-93	7.0
AGENCY REVIEW	28-Jun-93	26-Sep-93	90.0
NAVY RECYS COMMENTS	26-Sep-93	3-Oct-93	7.0
ADDRESS COMMENTS	3-Oct-93	2-Dec-93	60.0
MIL COMMENTS	2-Dec-93	9-Dec-93	7.0
PREPARE DRAFT/FINAL	2-Ow-93	31-Jan-94	60.0
SUBMIT DRAFT/FINAL	31-Jan-94	7-Feb-94	7.0
RI RPT FINALIZED	7-Feb-94	9-Mar-94	30.0
<b>MSELINE RISK</b>	1-Jun-92	8-May-94	706.0
PREPARE DRFT BASELINE	1-Jun-92	21-Jun-93	385.0
SUBMIT DRAFT BASELINE	21-Juri-93	28-Juri-93	7.0
AGENCY REVIEW	28-Jun-93	26-Sep-93	90.0
NAVY RECYS COMMENTS	26-Sep-93	3-Oct-93	7.0
ADDRESS COMMENTS	2-Dec-93	31-Jan-94	60.0
WAIL COMMENTS	31-Jan-94	7-Ftb-94	7.0
PREPARE DRAFT/FINAL	31-Jan-94	1-Apr-94	60.0
SUBMIT DRAFT/FINAL	1-Apr-94	8-Apr-94	7.0
MSELINE FINALIZED	8-Apr-94	8-May-94	30.0
<b>FEASIBILITY STUDY</b>	25-Apr-92	12-Mar-93	321.0
PREPARE DRAFT FS	25-Apr-92	24-Jun-92	60.0
SUBMIT DRAFT FS	24-Jun-92	1-Jul-92	7.0
AGENCY REVIEW	1-Jul-92	29-Sep-92	90.0
WWW RECYS COMMENTS	29-Sep-92	6-Oct-92	7.0
ADDRESS COMMENTS	6-Oct-92	5-Dec-92	60.0
WAIL COMMENTS	5-Dec-92	12-Dec-92	7.0
PREPARE DRAFT/FINAL	5-Dec-92	3-Feb-93	60.0
SUBMIT DRAFT/FINAL	3-Feb-93	10-Feb-93	7.0
FS RPT FINALIZED	10-Feb-93	12-Mar-93	30.0
<b>PROPOSED PLAN (PP)</b>	12-Mar-93	27-May-94	441.0
PREPARE PP	12-Mar-93	11-May-93	60.0
SUBMIT DRAFT PP	11-May-93	18-May-93	7.0
REVIEW	18-May-93	16-Aug-93	90.0
NAVY RECYS COMMENTS	16-Aug-93	23-AN-93	7.0
ADDRESS COMMENTS	23-Aug-93	22-Oct-93	60.0
MAIL COMMENTS	22-Oct-93	29-Oct-93	7.0
PREPARE DRAFT/FINAL	22-Oct-93	21-Dec-93	60.0
SUBMIT DRAFT/FINAL	21-Dec-93	28-Dec-93	7.0
PP FINALIZED	28-Dec-93	27-Jan-94	30.0
PREPARE PUBLIC NOTICE	27-Jan-94	11-Feb-94	15.0
PUBLISH PUBLIC NOTICE	11-Feb-94	13-Mar-94	30.0
PUBLIC COMMENT PERIOD	13-Mar-94	27-Apr-94	45.0
PUBLIC MEETING	27-Mar-94	28-Mar-94	1.0
RESPONSIVENESS SUMMARY	27-Apr-94	27-nay-94	30.0
<b>RECORD OF DECISION</b>	28-Mar-94	10-Jan-95	280.0
PREPARE DRAFT ROD	28-Mar-94	27-Apr-94	30.0
SUBMIT DRAFT ROD	27-Apr-94	4-May-94	7.0
AGENCY REVIEW	4-may-94	2-Aug-94	90.0
NAVY RECYS COMMENTS	2-Aug-94	9-Aug-94	7.0
ADDRESS COMMENTS	9-Aug-94	8-Oct-94	60.0
MAIL COMMENTS	8-at-94	15-Oct-94	7.0
PREPARE DRAFT/FINAL	8-at-94	7-Dec-94	60.0
SUBMIT DRAFT/FINAL	7-Dec-94	10-Dec-94	3.0
FINALIZED	10-Du-94	9-Jan-95	30.0
ROD SIGNATURE	9-Jan-95	10-Jan-%	1.0



RI/FS OPERABLE UNIT #12: OAK GROVE CAMPGROUND AREA, PSC SITE 39;  
GROUP O:

DESCRIPTION:

Oak Grove is a campground area located immediately South of Sherman Field on the South side of Radforn Boulevard. An area of stressed vegetation and stained soil approximately 150 feet in diameter was found near the Pensacola Bay. A small amount of construction debris consisting of old brick, broken clay pipe and coal is scattered across the site. Records indicate that a saw mill was once located near this site. Investigations are currently underway to determine if the debris is the remains of this old mill or if this was an old dump site. Preliminary tests of the surface soil showed that the stained soil is the result of petroleum contamination.

1992 Primary Deliverables:

Due Date:

Draft/Final RI/FS Workplan (Phase I) (P)	Navy transmits 2 May 92
Final RI/FS Workplan (P) (Phase I)	Navy transmits 1 Jun 92
Draft FS (P)	Navy transmits 1 Jul 92
Agency Review Comments	Due within 90 days of Plan delivery
(Navy Receives Comments)	Due 7 days after the 90 day review period
(Navy Addresses Comments)	Due 60 days after received comments
Site Management Plan (Revised)	Yearly update Sep 92

1992 Secondary Deliverables:

Target Date:

Quarterly Reports	Navy transmits on 10 Apr, July, and Oct.
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R

GROUP Q, continued:

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Projected Deliverables

Projected Date:

Draft RI Report (P)	Navy transmits 28 Jun 93
Draft Baseline Risk Assessment (S)	Navy transmits 28 Jun 93
Draft/Final Feasibility Study (P)	Navy transmits 10 Feb 93
Final Feasibility Study (P)	Navy transmits 12 Mar 93
Draft Proposed Plan (P)	Navy transmits 18 May 93
Draft/Final Proposed Plan (P)	Navy transmits 28 Dec 93

Note:

(P) designates a Primary Document according to page 21 of FFA  
(S) designates a Secondary Document according to page 22 of FFA

**RI/FS OPERABLE UNIT #12: OAKGROVE CAMPGROUND AREA, PSC SITE 39;**  
**GROUP O:**

Task Name	Start Date	End Date	Ouratn (Days)
RI/FS	15-Sep-91	8-May-94	966.0
RI REPORT	15-Sep-91	9-Mar-94	906.0
SUBMIT DRAFT WORK PLAN	15-Sep-91	22-Sep-91	7.0
AGENCY REVIEW	21-Sep-91	20-Dec-91	90.0
NAVY RCVS COMMENTS	20-Dec-91	27-Oec-91	7.0
ADDRESS COMMENTS	27-Dec-91	25-Feb-92	60.0
MAIL COMMENTS	25-Feb-92	3-Mar-92	7.0
PREPARE DRAFT/FINAL	25-Feb-92	25-Apr-92	60.0
SUBMIT DRAFT/FINAL	25-Apr-92	2-May-92	7.0
WRK PLAN FINALIZED	2-May-92	1-Jun-92	30.0
FIELD WORK, RI RPT	1-Jun-92	21-Jun-93	385.0
WBHIT DRAFT RI RPT	21-Jun-93	28-Jun-93	7.0
AGENCY REVIEW	28-Jun-93	26-Sep-93	90.0
NAVY RECVS COMMENTS	26-Sep-93	3-Oct-93	7.0
ADDRESS COMMENTS	3-Oct-93	2-Dec-93	60.0
MAIL COMMENTS	2-Dec-93	9-Dec-93	7.0
PREPARE DRAFT/FINAL	2-Dec-93	31-Jan-94	60.0
SUBMIT DRAFT/FINAL	31-Jan-94	7-Feb-94	7.0
RI RPT FINALIZED	7-Feb-94	9-Mar-94	30.0
BASELINE RISK	1-Jun-92	8-May-94	706.0
PREPARE DRFT BASELINE	1-Jun-92	21-Jun-93	385.0
SUBMIT DRAFT BASELINE	21-Jun-93	28-Jun-93	7.0
AGENCY REVIEW	28-Jun-93	26-Sep-93	90.0
NAVY RECVS COMMENTS	26-Sep-93	3-Oct-93	7.0
ADDRESS COMMENTS	2-Dec-93	31-Jan-94	60.0
MIL COMMENTS	31-Jan-94	7-Feb-94	7.0
PREPARE DRAFT/FINAL	31-Jan-94	1-Apr-94	60.0
SUBMIT DRAFT/FINAL	1-Apr-94	8-Apr-94	7.0
BASELINE FINALIZED	8-Apr-94	8-May-94	30.0
FEASIBILITY STUDY	25-Apr-92	12-Mar-93	321.0
PREPARE DRAFT FS	25-Apr-92	24-Jun-92	60.0
SUBMIT DRAFT FS	24-Jun-92	1-Jul-92	7.0
AGENCY REVIEW	1-Jul-92	29-Sep-92	90.0
NAVY RECVS COMMENTS	29-Sep-92	6-Oct-92	7.0
ADDRESS COMMENTS	6-Oct-92	5-Dec-92	60.0
MAIL COMMENTS	5-Dec-92	12-Oec-92	7.0
PREPARE DRFT/FINAL	5-Dec-92	3-Feb-93	60.0
SUBMIT DRAFT/FINAL	3-Feb-93	10-Feb-93	7.0
FS RPT FINALIZED	10-Feb-93	12-Mar-93	30.0
PROPOSED PLAN (PP)	12-Mar-93	27-May-94	441.0
PREPARE PP	12-Mar-93	11-May-93	60.0
SUBMIT DRAFT PP	11-May-93	18-May-93	7.0
AGENCY REVIEW	18-May-93	16-Aug-93	90.0
NAVY RECVS COMMENTS	16-Aug-93	23-Aug-93	7.0
ADDRESS COMMENTS	23-Aug-93	22-Oct-93	60.0
MAIL COMMENTS	22-Oct-93	29-Oct-93	7.0
PREPARE DRAFT/FINAL	22-Oct-93	21-Dec-93	60.0
SUBMIT DRAFT/FINAL	21-Dec-93	28-Dec-93	7.0
PP FINALIZED	28-Dec-93	27-Jan-94	30.0
PREPARE PUBLIC NOTICE	27-Jan-94	11-Feb-94	15.0
PUBLISH PUBLIC NOTICE	11-Feb-94	13-Mar-94	30.0
PUBLIC COMMENT PERIOD	13-Mar-94	27-Apr-94	45.0
PUBLIC MEETING	27-Mar-94	28-Mar-94	1.0
RESPONSIVENESS SUMMARY	27-Apr-94	27-May-94	30.0
RECORD OF DECISION	28-Mar-94	10-Jan-95	288.0
PREPARE DRAFT ROD	28-Mar-94	27-Apr-94	30.0
SUBMIT DRAFT ROD	27-Apr-94	4-May-94	7.0
AGENCY REVIEW	4-May-94	2-Aug-94	90.0
NAVY RECVS COMMENTS	2-Aug-94	9-Aug-94	7.0
ADDRESS COMMENTS	9-Aug-94	8-Oct-94	60.0
MAIL COMMENTS	8-Oct-94	15-Oct-94	7.0
PREPARE DRAFT/FINAL	8-Oct-94	7-Dec-94	60.0
SUBMIT DRAFT/FINAL	7-Dec-94	10-Dec-94	3.0
ROD FINALIZED	10-Dec-94	9-Jan-95	30.0
ROD SIGNATURE	9-Jan-95	10-Jan-95	1.0

**BITE MANAGEMENT PLAN  
NAVAL AIR STATION PENSACOLA  
PENSACOLA, FLORIDA.**

**8 NOVEMBER 1991  
PAGE 59 OF 76**

**RI/FS OPERABLE UNIT #12: OAKGROVE CAMPGROUND AREA, PSC SITE 39:  
GROUP Q:**

Task Name	Start Date	End Date	Duratn (Days)	91		92		93																					
				Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep		
RI/FS	15-Sep-91	8-May-94	966	*****																									
RI REPORT	15-Sep-91	9-Mar-94	906	*****																									
SUBMIT DRAFT WORK PLAN	15-Sep-91	22-Sep-91	7	X	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	
AGENCY REVIEW	21-Sep-91	20-Dec-91	90	XXXXXXXXXXXX	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	
NAVY RCVS COMMENTS	20-Dec-91	27-Dec-91	7	.	.	XX.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	
ADDRESS COMMENTS	27-Dec-91	25-Feb-92	60	.	.	XXXXXXXXXX.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	
MAIL COMMENTS	25-Feb-92	3-Mar-92	7	.	.	.	.	XX-	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	
PREPARE DRAFT/FINAL	25-Feb-92	25-Apr-92	60	.	.	.	.	XXXXXXXXXX.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	
SUBMIT DRAFT/FINAL	25-Apr-92	2-May-92	7	.	.	.	.	.	.	XX	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	
WORK PLAN FINALIZED	2-May-92	1-Jun-92	30	.	.	.	.	.	.	XXXXXX	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	
FIELD WORK, RI RPT	1-Jun-92	21-Jun-93	385	.	.	.	.	.	.	.	XX	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	
SUBMIT DRAFT RI RPT	21-Jun-93	28-Jun-93	7	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	XX	.	.	
AGENCY REVIEW	28-Jun-93	26-Sep-93	90	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	XXXXXXXXXXXX	.	.	
NAVY RECVS COMMENTS	26-Sep-93	3-Oct-93	7	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	
ADDRESS COMMENTS	3-Oct-93	2-Dec-93	60	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	
MAIL COMMENTS	2-Dec-93	9-Dec-93	7	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	
PREPARE DRAFT/FINAL	2-Dec-93	31-Jan-94	60	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	
SUBMIT DRAFT/FINAL	31-Jan-94	7-Feb-94	7	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	
RI RPT FINALIZED	7-Feb-94	9-Mar-94	30	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	
+ BASELINE RISK	1-Jun-92	8-May-94	706	.	.	.	.	.	.	.	*****	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	
FEASIBILITY STUDY	25-Apr-92	12-Mar-93	321	.	.	.	.	.	.	.	*****	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	
PREPARE DRAFT FS	25-Apr-92	24-Jun-92	60	.	.	.	.	.	.	.	XXXXXXXXXX	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	
SUBMIT DRAFT FS	24-Jun-92	1-Jul-92	7	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	
AGENCY REVIEW	1-Jul-92	29-Sep-92	90	.	.	.	.	.	.	.	.	.	.	XX	.	.	.	.	.	.	.	.	.	.	.	.	.	.	
NAVY RECVS COMMENTS	29-Sep-92	6-Oct-92	7	.	.	.	.	.	.	.	XXXXXXXXXXXX	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	
ADDRESS COMMENTS	6-Oct-92	5-Dec-92	60	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	
MAIL COMMENTS	5-Dec-92	12-Dec-92	7	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	
PREPARE DRFT/FINAL	5-Dec-92	3-Feb-93	60	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	
SUBMIT DRAFT/FINAL	3-Feb-93	10-Feb-93	7	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	
FS RPT FINALIZED	10-Feb-93	12-Mar-93	30	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	
+ PROPOSED PLAN (PP)	12-Mar-93	27-May-94	441	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	
+ RECORD OF DECISION	28-Mar-94	10-Jan-95	288	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	

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 XXXX Detail Task    ##### Summary Task    \*\*\*\*\* Baseline  
 xxXXX (Progress)    ==### (Progress)    >>> Conflict  
 XXX-- (Slack)       ###-- (Slack)       ..XXX Resource delay  
 Progress shows Percent Achieved on Actual    M Milestone  
 ----- Scale: 7 days per character -----

RI/FS OPERABLE UNIT #13: REFUELER REPAIR SHOP, PSC SITE 22;

GROUP H:

DESCRIPTION:

PSC Site 22: Refueler Repair Shop: The residual fuel from aircraft refueling trucks was disposed here in preparation for repair work on the trucks. An estimated 19,000 gallons of leaded aviation gasoline and jet fuel were disposed over a nineteen (19) year period. Fifteen (15) borings to detect free product on the shallow water table did not detect any free product. Further studies will be conducted. The analyses of groundwater samples for dissolved constituents such as non-halogenated volatiles, lead, and base neutral extractables will be performed. Piezometers may be placed to aid in estimating the most probable location of an exhibiting plume of contamination, and to determine if the gradient of the shallow aquifer is toward a public supply well.

The following Screening Site which will be investigated and reported on concurrently with this Operable Unit include; PSC Site 8: Rifle Range Disposal Area; the rifle range disposal area is located in the area now occupied by Building 3561. This building covers an area approximately 550 feet by 163 feet. Surrounding the building is an asphalt parking lot on the eastern, western and northern sides of the building. Along the southern side of the building lies a small grassy area. This area was reportedly used for the disposal of solid waste (primarily paper) from NAS Pensacola between 1951 and 1955, and disposal was accomplished by burning and burial.

1992 Primary Deliverables:

Due Date:

Draft/Final RI/FS Workplan (Phase I) (P)	Navy transmits 2 May 92
Final RI/FS Workplan (P) (Phase I)	Navy transmits 1 Jun 92
Draft FS (P) (Agency Review Comments)	Navy transmits 1 Jul 92 Due within 90 days of Plan delivery
(Navy Receives Comments)	Due 7 days after the 90 day review period
(Navy Addresses Comments)	Due 60 days after received comments
Site Management Plan (Revised)	Yearly update Sep 92

1992 Secondary Deliverables:

Target Date:

Quarterly Reports	Navy transmits on 10 Apr, July, and Oct.
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RI/FS OPERABLE UNIT #13: REFUELER REPAIR SHOP, PSC SITE 22:  
GROUP H, continued:

**Projected Deliverables**

**Projected Date:**

Draft RI Report (P)	Navy transmits 28 Jun 93
Draft Baseline Risk Assessment (S)	Navy transmits 28 Jun 93
Draft/Final Feasibility Study (P)	Navy transmits 10 Feb 93
Final Feasibility Study (P)	Navy transmits 12 Mar 93
Draft Proposed Plan (P)	Navy transmits 18 May 93
Draft/Final Proposed Plan (P)	Navy transmits 28 Dec 93

Note:

(P) designates a Primary Document according to page 21 of FFA  
(S) designates a Secondary Document according to page 22 of FFA

**RI/FS OPERABLE UNIT #13: REFUELER REPAIR SHOP, PSC SITE 22;**  
**GROUP H:**

Task Name	Start Date	End Date	Duratr (Days)
<b>RI/FS</b>	15-Sep-91	8-May94	966.0
<b>RI REPORT</b>	15-Sep-91	9-Mar-94	906.0
<b>SUBMIT DRAFT WORK PLAN</b>	15-Sep-91	22-Sep-91	7.0
<b>AGENCY REVIEW</b>	21-Sep-91	20-Dec-91	90.0
<b>NAVY RCVS COMMENTS</b>	20-Dec-91	27-Oec-91	7.0
<b>ADDRESS COMMENTS</b>	27-Dec-91	25-Feb-92	60.0
<b>MAIL COMMENTS</b>	25-Feb-92	3-Mar-92	7.0
<b>PREPARE DRAFT/FINAL</b>	25-Feb-92	25-Apr-92	60.0
<b>SUBMIT DRAFT/FINAL</b>	25-Apr-92	2-May-92	7.0
<b>WORK PLAN FINALIZED</b>	2-May-92	1-Jun-92	30.0
<b>FIELD WORK, RI RPT</b>	1-Jun-92	21-Jun-93	385.0
<b>SUBMIT DRAFT RI RPT</b>	21-Jun-93	28-Jun-93	7.0
<b>AGENCY REVIEW</b>	28-Jun-93	26-Sep-93	90.0
<b>NAVY RECVS COMMENTS</b>	26-Sep-93	3-Oct-93	7.0
<b>ADDRESS COMMENTS</b>	3-Oct-93	2-Dec-93	60.0
<b>MAIL COMMENTS</b>	2-Dec-93	9-Dec-93	7.0
<b>PREPARE DRAFT/FINAL</b>	2-Dec-93	31-Jan-94	60.0
<b>SUBMIT DRAFT/FINAL</b>	31-Jan-94	7-feb-94	7.0
<b>RI RPT FINALIZED</b>	7-Feb-94	9-Mar-94	30.0
<b>BASELINE RISK</b>	1-Jun-92	8-May-94	706.0
<b>PREPARE DRFT BASELINE</b>	1-Jun-92	21-Jun-93	385.0
<b>SUBMIT DRAFT BASELINE</b>	21-Jun-93	28-Jun-93	7.0
<b>AGENCY REVIEW</b>	28-Jun-93	26-Sep-93	90.0
<b>NAVY R E M COMMENTS</b>	26-Sep-93	3-Oct-93	7.0
<b>ADDRESS COMMENTS</b>	2-Oct-93	31-Jan-94	60.0
<b>HAIL COMMENTS</b>	31-Jan-94	7-Fcb-94	7.0
<b>PREPARE DRAFT/FINAL</b>	31-Jan-94	1-Apr-94	60.0
<b>SUBMIT DRAFT/FINAL</b>	1-Apr-94	8-Apr-94	7.0
<b>BASELINE FINALIZED</b>	8-Apr-94	8-May-94	30.0
<b>FEASIBILITY STUDY</b>	25-Apr-92	12-Mar-93	321.0
<b>PREPARE DRAFT FS</b>	25-Apr-92	24-Juri-92	60.0
<b>SUBMIT DRAFT FS</b>	24-Juri-92	1-Jul-92	7.0
<b>AGENCY REVIEW</b>	1-Jul-92	29-Sep-92	90.0
<b>NAVY RECVS COMMENTS</b>	29-Sep-92	6-Oct-92	7.0
<b>ADDRESS COMMENTS</b>	6-Oct-92	5-Dec-92	60.0
<b>HAIL COMMENTS</b>	5-Dec-92	12-Dec-92	7.0
<b>PREPARE DRFT/FINAL</b>	5-Dec-92	3-Feb-93	60.0
<b>SUBMIT DRAFT/FINAL</b>	3-feb-93	10-Feb-93	7.0
<b>FS RPT FINALIZED</b>	10-Feb-93	12-Mar-93	30.0
<b>PROPOSED PLAN (PP)</b>	12-Mar-93	27-May-94	441.0
<b>PREPARE PP</b>	12-Mar-93	11-May-93	60.0
<b>SUBMIT DRAFT PP</b>	11-May-93	18-May-93	7.0
<b>AGENCY REVIEW</b>	18-May-93	16-Aug-93	90.0
<b>NAVY RECVS COMMENTS</b>	16-Aug-93	23-Aug-93	7.0
<b>ADDRESS COMMENTS</b>	23-Aug-93	22-Oct-93	60.0
<b>MAIL COMMENTS</b>	22-Oct-93	29-Oct-93	7.0
<b>PREPARE DRAFT/FINAL</b>	22-Oct-93	21-Dec-93	60.0
<b>SUBMIT DRAFT/FINAL</b>	21-Dec-93	28-Dec-93	7.0
<b>PP FINALIZED</b>	28-Dec-93	27-Jan-94	30.0
<b>PREPARE PUBLIC NOTICE</b>	27-Jan-94	11-Feb-94	15.0
<b>PUBLISH PUBLIC NOTICE</b>	11-Feb-94	13-Mar-94	30.0
<b>PUBLIC COMMENT PERIOD</b>	13-Mar-94	27-Apr-94	45.0
<b>PUBLIC MEETING</b>	27-Mar-94	28-Mar-94	1.0
<b>RESPONSIVENESS SUMMARY</b>	27-Apr-94	27-May-94	30.0
<b>RECORD OF DECISION</b>	28-Mar-94	10-Jan-95	288.0
<b>PREPARE DRAFT ROD</b>	28-Mar-94	27-Apr-94	30.0
<b>SUBMIT DRAFT ROD</b>	27-Apr-94	4-May-94	7.0
<b>AGENCY REVIEW</b>	4-May-94	2-Aug-94	90.0
<b>NAVY RENO COMMENTS</b>	2-Aug-94	9-Aug-94	7.0
<b>ADDRESS COMMENTS</b>	9-Aug-94	8-Oct-94	60.0
<b>MAIL COMMENTS</b>	8-Oct-94	15-Oct-94	7.0
<b>PREPARE DRAFT/FINAL</b>	8-Oct-94	7-Dec-94	60.0
<b>SUBMIT DRAFT/FINAL</b>	7-Dec-94	10-Dec-94	3.0
<b>ROD FINALIZED</b>	10-Dec-94	9-Jan-95	30.0
<b>ROD SIGNATURE</b>	9-Jan-95	10-Jan-95	1.0



**RI/FS OPERABLE UNIT #14: TRANSFORMER STORAGE YARD, PSC SITE 17;  
GROUP I:**

**DESCRIPTION:**

PSC Site 17: Transformer Storage Yard: Transformer containing PCBs as well as PCB-free transformers were stored on this paved area: A black oily residue on the pavement was found to contain high levels of PCBs as well as other chlorinated hydrocarbons. Three (3) soil borings drilled through the pavement found significant concentrations of PCBs only near the catch basin; leakage through joints in the pavement is the suspected cause. PCB concentrations were below the EP toxic standard.

No sampling of soil outside of the paved area has been done. In addition, no samples were taken from sediments or soils within or under joints, cracks in the catch basin, or the storm sewer. Further study will be conducted of this site.

The following Screening Site which will be investigated and reported on concurrently with this Operable Unit include; PSC Site 18: PCB Spill Area; and PSC Site 28: Transformer Accident Area. The PSC Site 18: In 1966, a transformer at substation A reportedly failed, spilling approximately 50 gallons of transformer oil containing an unknown concentration of PCBs on the small gravel-covered area along the northeast side of substation A. It is assumed that no clean-up effort was conducted. During IAS field investigations, analysis of a field sample indicated that Arochlor 1260 was present at a concentration of 4 ppm, which was less than that considered hazardous under the Toxic Substance Control Act.

PSC Site 28: In 1969, a transformer fell from a truck traveling on Radford Avenue, just north of Building 632. The transformer broke open and spilled approximately 50 gallons of transformer oil onto the pavement. It is not known whether the oil contained PCBs. The oil was reportedly washed into a nearby storm sewer drain.

**1992 Primary Deliverables:**

Draft/Final RI/FS  
Workplan (Phase I) (P)  
Final RI/FS Workplan (P)  
(Phase I)  
Draft FS (P)  
(Agency Review Comments)  
(Navy Receives Comments)  
(Navy Addresses Comments)  
Site Management Plan (Revised)

**Due Date:**

Navy transmits 2 May 92  
Navy transmits 1 Jun 92  
Navy transmits 1 Jul 92  
Due within 90 days of Plan  
delivery  
Due 7 days after the 90  
day review period  
Due 60 days after  
received comments  
Yearly update Sep 92

RI/FS OPERABLE UNIT #14: TRANSFORMER STORAGE YARD, PSC SITE 17;  
G OUP

1992 Secondary Deliverables:

Target Date:

Quarterly Reports

Navy transmits on 10 Apr,  
July, and Oct.

Projected Deliverables

Projected Date:

Draft RI Report (P)	Navy transmits 28 Jun 93
Draft Baseline Risk Assessment (S)	Navy transmits 28 Jun 93
Draft/Final Feasibility Study (P)	Navy transmits 10 Feb 93
Final Feasibility Study (P)	Navy transmits 12 Mar 93
Draft Proposed Plan (P)	Navy transmits 18 May 93
Draft/Final Proposed Plan (P)	Navy transmits 28 Dec 93

Note:

(P) designates a Primary Document according to page 21 of FFA  
(S) designates a Secondary Document according to page 22 of FFA

**RI/FS OPERABLE UNIT #14: TRANSFORMER STORAGE YARD, PSC SITE 17:  
GROUP I:**

<b>Task Name</b>	<b>start Date</b>	<b>End Date</b>	<b>Duratin (Days)</b>
<b>RI/FS</b>	15-Sep-91	0-May-94	966.0
<b>RI REPORT</b>	15-Sep-91	9-nor-94	906.0
SUBMIT DRAFT WORK PLAN	15-Sep-91	22-Sep-91	7.0
AGENCY REVIEW	21-Sep-91	20-Du-91	90.0
NAVY R M COMMENTS	20-Dec-91	27-Dec-91	7.0
ADDRESS COMMENTS	27-Dec-91	25-Feb-92	60.0
MAIL COMMENTS	25-Feb-92	3-Mar-92	7.0
PREPARE DRAFT/FINAL	25-Feb-92	25-Apr-92	60.0
SUBMIT DRAFT/FINAL	25-Apr-92	2-May-92	7.0
WORK PLAN FINALIZED	2-May-92	1-Jun-92	30.0
FIELD WORK, RI RPT	1-Jun-92	21-Jun-93	385.0
SUBMIT DRAFT RI RPT	21-Jun-93	28-Jun-93	7.0
AGENCY REVIEW	28-Jun-93	26-Sep-93	90.0
NAVY R E M COMMENTS	26-Sep-93	3-Oct-93	7.0
ADDRESS COMMENTS	3-Oct-93	2-Dec-93	60.0
M I L COMMENTS	2-Dec-93	9-Oct-93	7.0
PREPARE DRAFT/FINAL	2-Dec-93	31-Jan-94	60.0
SUBMIT DRAFT/FINAL	31-Jan-94	7-Feb-94	7.0
RI RPT FINALIZED	7-Feb-94	9-Mar-94	30.0
<b>MSELIWE RISK</b>	1-Jun-92	8-May-94	706.0
PREPARE DRFT BASELINE	1-Jun-92	21-Juri-93	385.0
SUBMIT DRAFT BASELINE	21-Jm-93	28-Jun-93	7.0
AGENCY REVIEW	28-Jun-93	26-Sep-93	90.0
NAVY RECVS COMMENTS	26-Sep-93	3-Oct-93	7.0
ADDRESS COMMENTS	2-Dtc-93	31-Jan-94	60.0
M I L COMMENTS	31-Jan-94	7-Feb-94	7.0
PREPARE DRAFT/FINAL	31-Jan-94	1-Apr-94	60.0
SUBMIT DRAFT/FINAL	1-Apr-94	8-Apr-94	7.0
BASELINE FINALIZED	8-Apr-94	8-May-94	30.0
<b>FEASIBILITY STUDY</b>	25-Apr-92	12-Mar-93	321.0
PREPARE DRAFT FS	25-Apr-92	24-Jun-92	60.0
SUBMIT DRAFT FS	24-Jun-92	1-Jul-92	7.0
AGENCY REVIEW	1-Jul-92	29-Sep-92	90.0
NAVY RECVS COMMENTS	29-Sep-92	6-Oct-92	7.0
ADDRESS COMMENTS	6-Oct-92	5-Dec-92	60.0
MAIL COMMENTS	5-Dtc-92	12-Dcc-92	7.0
PREPARE DRAFT/FINAL	5-Dec-92	3-feb-93	60.0
SUBMIT DRAFT/FINAL	3-Feb-93	10-feb-93	7.0
FS RPT FINALIZED	10-Feb-93	12-Mar-93	30.0
<b>PROPOSED PLAN (PP)</b>	12-Mar-93	27-May-94	441.0
PREPARE PP	12-Mar-93	11-May-93	60.0
SUBMIT DRAFT PP	11-May-93	18-May-93	7.0
AGENCY REVIEW	18-May-93	16-Aug-93	90.0
NAVY RECVS COMMENTS	16-Aug-93	23-Aug-93	7.0
ADDRESS COMMENTS	23-Aug-93	22-Oct-93	60.0
MAIL COMMENTS	22-Oct-93	29-Oct-93	7.0
PREPARE DRAFT/FINAL	22-Oct-93	21-Dec-93	60.0
SUBMIT DRAFT/FINAL	21-Dec-93	28-Dec-93	7.0
PP FINALIZED	28-Dec-93	27-Jan-94	30.0
PREPARE PUBLIC NOTICE	27-Jan-94	11-Feb-94	15.0
PUBLISH PUBLIC NOTICE	11-Feb-94	13-Mar-94	30.0
PUBLIC COMMENT PERIOD	13-Mar-94	27-Apr-94	45.0
PUBLIC MEETING	27-Mar-94	28-Mar-94	1.0
RESPONSIVENESS SUMMARY	27-Apr-94	27-nay-94	30.0
<b>RECORD OF DECISION</b>	28-Mar-94	10-Jan-95	288.0
PREPARE DRAFT ROD	28-Mar-94	27-Apr-94	30.0
SUBMIT DRAFT ROD	27-Apr-94	4-May-94	7.0
AGENCY REVIEW	4-May-94	2-Aug-94	90.0
NAVY RECVS COMMENTS	2-Aug-94	9-Aug-94	7.0
ADDRESS COMMENTS	9-Aug-94	8-Oct-94	60.0
MAIL COMMENTS	8-Oct-94	15-Oct-94	7.0
PREPARE DRAFT/FINAL	8-Oct-94	7-Dec-94	60.0
SUBMIT DRAFT/FINAL	7-Dec-94	10-Dec-94	3.0
ROD FINALIZED	10-Dec-94	9-Jan-95	30.0
ROD SIGNATURE	9-Jan-95	10-Jan-95	1.0



RI/FS OPERABLE UNIT #15: BAYOU GRANDE, PSC SITE 40: GROUP R:

DESCRIPTION:

NAS Pensacola is bordered on the south by Big Lagoon and Pensacola Bay, on the east by Pensacola Bay, and on the north by Bayou Grande. Only a very small portion of the western end of NAS is farther than a mile from one of these bodies of water. Swampy areas exist on or near the western portion of NAS Pensacola. Man-made drainage ways and storm drains feed into the short intermittent streams emptying into the bays and the bayou. No perennial streams enter or exist the air station, but the marshy areas (wetlands) and their small lakes retain water throughout the year. Investigative activities are currently underway near this area.

1992 Primary Deliverables:

Due Date:

Draft RI/FS Workplan (P)  
(Phase I)  
Site Management Plan (Revised)

Navy transmits 22 Dec 92  
Yearly update Sep 92

1992 Secondary Deliverables:

Target Date:

Quarterly Reports

Navy transmits on 10 Apr,  
July, and Oct.

Projected Deliverables

Projected Date:

Draft/Final RI/FS Workplan (P)  
(Phase I)  
Final RI/FS Workplan (P)  
(Phase I)  
Draft Feasibility Study (P)

Navy transmits 3 Aug 93  
Navy transmits 2 Sep 93  
Navy transmits 2 Oct 93

Note:

(P) designates a Primary Document according to page 21 of FFA  
(S) designates a Secondary Document according to page 22 of FFA

**SITE MANAGEMENT PLAN  
NAVAL AIR STATION PENSACOLA  
PENSACOLA, FLORIDA**

**8 NOVEMBER 1991  
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**RI/FS OPERABLE UNIT #15: BAYOU GRANDE, PSC SITE 40: GROUP R:**

<b>Task Name</b>	<b>Start Date</b>	<b>End Date</b>	<b>Duratr (Days)</b>
<b>RI/FS</b>	<b>15-Dec-92</b>	<b>9-Aug-95</b>	<b>967.0</b>
RI REPORT	15-Dec-92	10-Juni-95	907.0
SUBMIT DRAFT WORK P UN	15-Dec-92	22-Dec-92	7.0
AGENCY REVIEW	22-Dec-92	22-Mar-93	90.0
NAVY RCVS COMMENTS	22-Mar-93	29-Mar-93	7.0
ADDRESS COMMENTS	29-Mar-93	28-May-93	60.0
MAIL COMMENTS	28-May-93	4-Jun-93	7.0
PREPARE DRAFT/FINAL	28-May-93	27-Jul-93	60.0
SUBMIT DRAFT/FINAL	27-Jul-93	3-Aug-93	7.0
WRK PLAN FINALIZED	3-Aug-93	2-Sep-93	30.0
FIELD WORK, RI RPT	2-Sep-93	22-Sep-94	385.0
SUBMIT DRAFT RI RPT	22-Sep-94	29-Sep-94	7.0
AGENCY REVIEW	29-Sep-94	28-Dec-94	90.0
NAVY RCVS COMMENTS	28-Dec-94	4-Jan-95	7.0
ADDRESS COMMENTS	4-Jan-95	5-Mar-95	60.0
MAIL COMMENTS	5-Mar-95	12-Mar-95	7.0
PREPARE DRAFT/FINAL	5-Mar-95	4-May-95	60.0
SUBMIT DRAFT/FINAL	4-May-95	11-May-95	7.0
RI RPT FINALIZED	11-May-95	10-Jun-95	30.0
BASELINE RISK	2-Sep-93	9-Aug-95	706.0
PREPARE DRFT BASELINE	2-Sep-93	22-Sep-94	385.0
SUBMIT DRAFT BASELINE	22-Sep-94	29-Sep-94	7.0
AGENCY REVIEW	29-Sep-94	28-Dic-94	90.0
YAW RECVS COMMENTS	28-Dec-94	4-Jan-95	7.0
ADDRESS COMMENTS	5-Mar-95	4-May-95	60.0
MAIL COMMENTS	4-May-95	11-May-95	7.0
PREPARE DRAFT/FINAL	4-May-95	3-Jul-95	60.0
SUBMIT DRAFT/FINAL	3-Jul-95	10-Jul-95	7.0
BASELINE FINALIZED	10-Jul-95	9-Aug-95	30.0
FEASIBILITY STUDY	27-Jul-93	13-Jun-94	321.0
PREPARE DRAFT FS	27-Jul-93	25-Sep-93	60.0
W I T DRAFT FS	25-Sep-93	2-Oct-93	7.0
AGENCY REVIEW	2-Oct-93	31-Dec-93	90.0
YAW RECVS COMMENTS	31-Dec-93	7-Jan-94	7.0
ADDRESS COMMENTS	7-Jan-94	8-Mar-94	60.0
MAIL COMMENTS	8-Mar-94	15-Mar-94	7.0
PREPARE DRFT/FINAL	8-Mar-94	7-May-94	60.0
W I T DRAFT/FINAL	7-May-94	14-May-94	7.0
FS RPT FINALIZED	14-May-94	13-Jun-94	30.0
PROPOSED PLAN (PP)	13-Jun-94	28-Aug-95	441.0
PREPARE PP	13-Jun-94	12-Aug-94	60.0
SUBMIT DRAFT PP	12-Aug-94	19-Aug-94	7.0
AGENCY REVIEW	19-Aug-94	17-Nov-94	90.0
NAVY RECVS COMMENTS	17-Nov-94	24-Nov-94	7.0
ADDRESS COMMENTS	24-Nov-94	23-Jan-95	60.0
MAIL COMMENTS	23-Jan-95	30-Jan-95	7.0
PREPARE DRAFT/FINAL	23-Jan-95	24-Mar-95	60.0
SUBMIT DRAFT/FINAL	24-Mar-95	31-Mar-95	7.0
PP FINALIZED	31-Mar-95	30-Apr-95	30.0
PREPARE PUBLIC NOTICE	30-Apr-95	15-May-95	15.0
PUBLISH PUBLIC NOTICE	15-May-95	14-Jun-95	30.0
PUBLIC COMMENT PERIOD	14-Jun-95	29-Jul-95	45.0
PUBLIC MEETING	28-Jun-95	29-Jun-95	1.0
RESPONSIVENESS SUMMARY	29-Jul-95	28-Aug-95	30.0
RECORD OF DECISION	29-Jun-95	12-Apr-96	288.0
PREPARE DRAFT ROD	29-Jun-95	29-Jul-95	30.0
SUBMIT DRAFT ROD	29-Jul-95	5-Aug-95	7.0
AGENCY REVIEW	5-Aug-95	3-Nov-95	90.0
NAVY RECVS COMMENTS	3-Nov-95	10-Nov-95	7.0
ADDRESS COMMENTS	10-Nov-95	9-Jan-96	60.0
MAIL COMMENTS	9-Jan-96	16-Jan-96	7.0
PREPARE DRAFT/FINAL	9-Jan-96	9-Mar-96	60.0
SUBMIT DRAFT/FINAL	9-Mar-96	12-Mar-96	3.0
ROD FINALIZED	12-Mar-96	11-Apr-96	30.0
ROD SIGNATURE	11-Apr-96	12-Apr-96	1.0

**SITE MANAGEMENT PLAN  
NAVAL AIR STATION PENSACOLA  
PENSACOLA, FLORIDA,**

**RI/FS OPERABLE UNIT #15: BAYOU GRANDE, PSC SITE 40: GROUP R:**

Task Name	Start Date	End Date	Duratin (Days)	93												94												
				Jan 1	Feb 1	Mar 1	Apr 1	May 1	Jun 1	Jul 1	Aug 1	Sep 1	Oct 1	Nov 1	Dec 1	Jan 1	Feb 1	Mar 1	Apr 1	May 1	Jun 1	Jul 1	Aug 1	Sep 1				
RI/FS	15-Du-92	2 9-Aug-95	967	#																								
RI REPORT	15-Dec-92	10-Jun-95	907	#																								
SUBMIT DRAFT WORK PLAN	15-Du-92	2 22-01-92	7	XX.																								
AGENCY REVIEW	22-Dec-92	22-Mar-93	90	XXXXXXXXXXXXXX.																								
NAVY RCVS COMMENTS	22-Mar-93	29-Mar-93	7	.	XX																							
ADDRESS COMMENTS	29-Mar-93	28-May-93	60	.	XXXXXXXXXX.																							
MAIL COMMENTS	28-May-93	4-Jm-93	7	.	XX																							
PREPARE DRAFT/FINAL	28-May-93	27-Jul-93	60	.	XXXXXXXXXX.																							
SUBMIT DRAFT/FINAL	27-Jul-93	3-Aug-93	7	.	XX																							
WORK PLAN FINALIZED	3-Aug-93	2-Sep-93	30	.	XXXXX																							
FIELD WORK, RI RPT	2-Sep-93	22-Sep-94	385	.	XX																							
SUBMIT DRAFT RI RPT	22-Sep-94	29-Sep-94	7	.																								
AGENCY REVIEW	29-Sep-94	28-Dec-94	90	.																								
NAVY RECVS COMMENTS	28-Dec-94	4-Jan-95	7	.																								
ADDRESS COMMENTS	4-Jan-95	5-Mar-95	60	.																								
MAIL COMMENTS	5-Mar-95	12-Mar-95	7	.																								
PREPARE DRAFT/FINAL	5-Mar-94	4-May-95	60	.																								
SUBMIT DRAFT/FINAL	4-May-95	11-May-95	7	.																								
RI RPT FINALIZED	11-May-95	10-Jun-95	30	.																								
+ BASELINE RISK	2-Sep-93	9-Aug-95	706	.	#																							
FEASIBILITY STUDY	27-Jul-93	13-Jun-94	321	.	#																							
PREPARE DRAFT FS	27-Jul-93	25-Sep-93	60	.	XXXXXXXXXX.																							
SUBMIT DRAFT FS	25-Sep-93	2-Oct-93	7	.	X X																							
AGENCY REVIEW	2-Oct-93	31-Dec-93	90	.	XXXXXXXXXXXXXXXXXX																							
NAVY RECVS COMMENTS	31-Dec-93	7-Jan-94	7	.	XX																							
ADDRESS COMMENTS	7-Jan-94	8-Mar-94	60	.	XXXXXXXXXXXX																							
MAIL COMMENTS	8-Mar-94	15-Mar-94	7	.	XX																							
PREPARE DRFT/FINAL	8-Mar-94	7-Hay-94	60	.	XXXXXXXXXX																							
SUBMIT DRAFT/FINAL	7-May-94	14-Hay-94	7	.	XX																							
FS RPT FINALIZED	14-May-94	13-Jun-94	30	.	XXXXXX																							
+ PROPOSED PLAN (PP)	13-Jun-94	28-Aug-95	441	.	#																							
+ RECORD OF DECISION	29-Jun-94	12-Apr-96	288	.	#																							

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 XXXX Detail Task   #### Summary Task   \*\*\*\*\* Baseline  
 xxxxx (Progress)   ==### (Progress)   >>> Conflict  
 xxx-- (Slack)     ##-- (Slack)     ..XXX Resource delay  
 Progress shows Percent Achieved on Actual     M Milestone  
 ----- Scale: 7 days per character -----

**RI/FS OPERABLE UNIT #16: NAVAL AIR STATION PENSACOLA (NASP)  
WETLANDS, PSC SITE 41; GROUP S:**

**DESCRIPTION**

Fresh water swamp (wetlands) consists of naturally wooded areas, all or most of which are covered with water or are saturated throughout the year. The areas contain a mixture of soils and soil materials that vary in color, texture, compositions, and thickness of layers. In some places the surface materials resemble those of Rutledge and Plummer sand. In many places organic matter of a varying thickness accumulates in the surface soil. The largest and most typical areas of fresh water swamp are in the southwestern part of the county and extend across the western edge of NAS Pensacola.

**1992 Primary Deliverables:**

**Due Date:**

Draft RI/FS Workplan (P) (Phase I) Site Management Plan (Revised)	Navy transmits 22 Dec 92 Yearly update Sep 92
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**1992 Secondary Deliverables:**

**Target Date:**

Quarterly Reports	Navy transmits on 10 Apr, July, and Oct.
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**Projected Deliverables**

**Projected Date:**

Draft/Final RI/FS Workplan (P) (Phase I)	Navy transmits 3 Aug 93
Final RI/FS Workplan (P) (Phase I)	Navy transmits 2 Sep 93
Draft Feasibility Study (P)	Navy transmits 2 Oct 93

**Note:**

(P) designates a Primary Document according to page 21 of FFA  
(S) designates a Secondary Document according to page 22 of FFA

SITE MANAGEMENT PLAN  
 NAVAL AIR STATION PENSACOLA  
 PENSACOLA, FLORIDA

8 NOVEMBER 1991  
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RI/FS OPERABLE UNIT #16: NAVAL AIR STATION PENSACOLA (NASP)  
WETLANDS. PSC SITE 41; GROUP S:

Task Name	Start Date	End Date	Duratr (Days)
RI/FS	15-Du-92	9-4-95	967.0
RI REPORT	15-Dec-92	10-Jun-95	907.0
SUBMIT DRAFT WORK PLAN	15-Dec-92	22-Dec-92	7.0
AGENCY REVIEU	22-Du-92	22-Mar-93	90.0
WAVY RCVS COMMENTS	22-Mar-93	29-Mar-93	7.0
ADDRESS COMMENTS	29-Mar-93	28-May-93	60.0
M I L COMMENTS	28-May-93	4-Jun-93	7.0
PREPARE DRAFT/FINAL	28-May-93	27-Jul-93	60.0
SUBMIT DRAFT/FINAL	27-Jul-93	3-Aug-93	7.0
WORK PLAN FINALIZED	3-Aug-93	2-Stp-93	30.0
FIELD WORK, RI RPT	2-Scp-93	22-Sep-94	385.0
SUBMIT DRAFT RI RPT	22-Scp-94	29-stp-94	7.0
AGENCY REVIEW	29-Sep-94	28-Ou-94	90.0
NAVY RECVS COMMENTS	28-Du-94	4-Jan-95	7.0
ADDRESS COMMENTS	4-Jan-95	5-Mar-95	60.0
MAIL COMMENTS	5-Mar-95	12-Mar-95	7.0
PREPARE DRAFT/FINAL	5-Mar-95	4-May-95	60.0
SUBMIT DRAFT/FINAL	4-May-95	11-May-95	7.0
RI RPT FINALIZED	11-May-95	10-Jun-95	30.0
BASELINE RISK	2-Sep-93	9-Aug-95	706.0
PREPARE DRFT BASELINE	2-Scp-93	22-Stp-94	385.0
SUBMIT DRAFT BASELINE	22-Sep-94	29-Stp-94	7.0
AGENCY REVIEU	29-sep-94	28-Dec-94	90.0
WAVY RECVS COMMENTS	28-Du-94	4-Jan-95	7.0
ADDRESS COMMENTS	5-Mar-95	4-May-95	60.0
M I L COMMENTS	4-May-95	11-May-95	7.0
PREPARE DRAFT/FINAL	4-May-95	3-Jul-95	60.0
SUBMIT DRAFT/FINAL	3-Jul-95	10-Jul-95	7.0
BASELINE FINALIZED	10-Jul-95	9-Aug-95	30.0
FEASIBILITY STUDY	27-Jul-93	13-Jun-94	321.0
PREPARE DRAFT FS	27-Jul-93	25-Stp-93	60.0
SUBMIT DRAFT FS	25-fcp-93	2-Oct-93	7.0
AGENCY REVIEU	2-Oct-93	31-Dec-93	90.0
NAVY R E M COMMENTS	31-Dec-93	7-Jan-94	7.0
ADDRESS COMMENTS	7-Jan-94	8-Mar-94	60.0
M I L COMMENTS	8-Mar-94	15-Mar-94	7.0
PREPARE DRFT/FINAL	8-Mar-94	7-May-94	60.0
SUBMIT DRAFT/FINAL	7-May-94	14-May-94	7.0
FS RPT FINALIZED	14-May-94	13-Jun-94	30.0
PROPOSED PLAN (PP)	13-Jun-94	28-Aug-95	441.0
PREPARE PP	13-Jun-94	12-Aug-94	60.0
SUBMIT DRAFT PP	12-Aug-94	19-Aug-94	7.0
AGENCY REVIEW	19-Aug-94	17-Nov-94	90.0
WAVY RECVS COMMENTS	17-Nov-94	24-Nov-94	7.0
ADDRESS COMMENTS	24-Nov-94	23-Jan-95	60.0
MAIL COMMENTS	23-Jan-95	30-Jan-95	7.0
PREPARE DRAFT/FINAL	23-Jan-95	24-Mar-95	60.0
SUBMIT DRAFT/FINAL	24-Mar-95	31-Mar-95	7.0
PP FINALIZED	31-Mar-95	30-Apr-95	30.0
PREPARE PUBLIC NOTICE	30-Apr-95	15-May-95	15.0
PUBLISH PUBLIC NOTICE	15-May-95	14-Jun-95	30.0
PUBLIC COMMENT PERIOD	14-Jun-95	29-Jul-95	45.0
M L I C MEETING	28-Jun-95	29-Jun-95	1.0
RESPONSIVENESS SUMMARY	29-Jul-95	28-Aug-95	30.0
RECORD OF DECISION	29-Jun-95	12-Apr-96	288.0
PREPARE DRAFT ROD	29-Jul-95	29-Jul-95	30.0
SUBMIT DRAFT ROD	29-Jul-95	5-AH-95	7.0
AGENCY REVIEU	5-Aug-95	3-Nov-95	90.0
NAVY RECVS COMMENTS	3-Nov-95	10-Nov-95	7.0
ADDRESS COMMENTS	10-rov-95	9-Jan-96	60.0
MAIL COMMENTS	9-Jan-96	16-Jan-96	7.0
PREPARE DRAFT/FINAL	9-Jan-96	9-Mar-96	60.0
SUBMIT DRAFT/FINAL	9-Mar-96	12-Mar-96	3.0
ROD FINALIZED	12-Mar-96	11-Apr-96	30.0
ROD SIGNATURE	11-Apr-96	12-Apr-96	1.0



RI/FS OPERABLE UNIT #17: PENSACOLA BAY AREA, PSC SITE 42; GROUP T:

DESCRIPTION:

NAS Pensacola is bordered on the south by Big Lagoon and Pensacola Bay, on the east by Pensacola Bay, and on the north by Bayou Grande. Only a very small portion of the western end of NAS is farther than a mile from one of these bodies of water. Swampy areas exist on or near the western portion of NAS Pensacola. Man-made drainage ways and storm drains feed into the short intermittent streams emptying into the bays and the bayou. No perennial streams enter or exist the air station, but the marshy areas (wetlands) and their small lakes retain water throughout the year. Investigative activities are currently underway near this area,

1992 Primary Deliverables:

Due Date:

Draft RI/FS Workplan (P)  
(Phase I)  
Site Management Plan (Revised)

Navy transmits 22 Jul 92  
Yearly update Sep 92

1992 Secondary Deliverables:

Target Date:

Quarterly Reports

Navy transmits on 10 Apr,  
July, and Oct.

Projected Deliverables

Projected Date:

Draft/Final RI/FS Workplan (P)  
(Phase I)  
Final RI/FS Workplan (P)  
(Phase I)  
Draft Feasibility Study (P)

Navy transmits 3 Aug 93  
Navy transmits 2 Sep 93  
Navy transmits 2 Oct 93

Note:

(P) designates a Primary Document according to page 21 of FFA  
(S) designates a Secondary Document according to page 22 of FFA

**SITE MANAGEMENT PLAN  
NAVAL AIR STATION PENSACOLA  
PENSACOLA, FLORIDA**

**8 NOVEMBER 1991  
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**RI/FS OPERABLE UNIT #17: PENSACOLA BAY AREA, PSC SITE 42: GROUP T:**

<b>Task Name</b>	<b>Start Date</b>	<b>End Date</b>	<b>Duratin (Days)</b>
<b>RI/FS</b>	15-Dec-92	9-Aug-95	967.0
RI REPORT	15-Dcc-92	10-Juri-95	907.0
<b>SUBMIT DRAFT WORK PLAN</b>	15-Dcc-92	22-Dcc-92	7.0
AGENCY REVIEW	22-Du-92	22-Mar-93	90.0
<b>NAVY RCVS COMMENTS</b>	22-Mar-93	29-Mar-93	7.0
<b>ADDRESS COMMENTS</b>	29-Mar-93	28-Hay-93	60.0
<b>M I L COMMENTS</b>	28-May-93	4-Jun-93	7.0
PREPARE DRAFT/FINAL	28-May-93	27-Jut-93	60.0
<b>SUBMIT DRAFT/FINAL</b>	27-Jut-93	3-Aug-93	7.0
<b>WORK PLAN FINALIZED</b>	3-Aug-93	2-Sep-93	30.0
FIELD WORK, RI RPT	2-Scp-93	22-Sep-94	385.0
<b>SUBMIT DRAFT RI RPT</b>	22-Scp-94	29-Sep-94	7.0
AGENCY REVIEW	29-Scp-94	28-Dec-94	90.0
<b>YAW R E M COMMENTS</b>	28-Dec-94	4-Jan-95	7.0
<b>ADDRESS COMMENTS</b>	4-Jan-95	5-Mar-95	60.0
<b>WAIL COMMENTS</b>	5-Mar-95	12-Mar-95	7.0
PREPARE DRAFT/FINAL	5-Mar-95	4-Hay-95	60.0
<b>SUBMIT DRAFT/FINAL</b>	4-May-95	11-May-95	7.0
RI RPT FINALIZED	11-May-95	10-Jun-95	30.0
<b>MSELINE RISK</b>	2-Scp-93	9-Aug-95	706.0
PREPARE DRFT BASELINE	2-Sep-93	22-Sep-94	385.0
<b>SUBMIT DRAFT BASELINE</b>	22-Scp-94	29-Stp-94	7.0
AGENCY REVIEW	29-Scp-94	28-Dec-94	90.0
<b>NAVY RECVS COMMENTS</b>	28-Dcc-94	4-Jan-95	7.0
<b>ADDRESS COMMENTS</b>	5-Mar-95	4-May-95	60.0
<b>WAIL COMMENTS</b>	4-May-95	11-May-95	7.0
PREPARE DRAFT/FINAL	4-May-95	3-Jut-95	60.0
<b>SUBMIT DRAFT/FINAL</b>	3-Jut-95	10-Jul-95	7.0
BASELINE FINALIZED	10-Jul-95	9-Aug-95	30.0
<b>FEASIBILITY STUDY</b>	27-Jut-93	13-Jun-94	321.0
PREPARE DRAFT FS	27-Jul-93	25-Sep-93	60.0
<b>SUBMIT DRAFT FS</b>	25-Sep-93	2-Oct-93	7.0
AGENCY REVIEW	2-Oct-93	31-Dec-93	90.0
<b>NAVY RECVS COMMENTS</b>	31-Dec-93	7-Jan-94	7.0
<b>ADDRESS COMMENTS</b>	7-Jan-94	8-Mar-94	60.0
<b>WAIL COMMENTS</b>	8-Mar-94	15-Mar-94	7.0
PREPARE DRFT/FINAL	8-Mar-94	7-May-94	60.0
<b>SUBMIT DRAFT/FINAL</b>	7-May-94	14-May-94	7.0
FS RPT FINALIZED	14-May-94	13-Juri-94	30.0
<b>PROPOSED PLAN (PP)</b>	13-Jun-94	28-Aug-95	441.0
PREPARE PP	13-Jun-94	12-Aug-94	60.0
<b>SUBMIT DRAFT PP</b>	12-lug-94	19-lug-94	7.0
AGENCY REVIEW	19-Aug-94	17-wov-94	90.0
<b>YAW RECVS COMMENTS</b>	17-Nov-94	24-Nov-94	7.0
<b>ADDRESS COMMENTS</b>	24-Nov-94	23-Jan-95	60.0
<b>M I L COMMENTS</b>	23-Jan-95	30-Jan-95	7.0
PREPARE DRAFT/FINAL	23-Jan-95	24-Mar-95	60.0
<b>SUBMIT DRAFT/FINAL</b>	24-Mar-95	31-Mar-95	7.0
PP FINALIZED	31-Mar-95	30-Apr-95	30.0
PREPARE PUBLIC NOTICE	30-Apr-95	15-May-95	15.0
PUBLISH PUBLIC NOTICE	15-May-95	14-Jun-95	30.0
PUBLIC COMMENT PERIOD	14-Jun-95	29-Jul-95	45.0
PUBLIC MEETING	28-Jun-95	29-Jun-95	1.0
<b>RESPONSIVENESS SUMMARY</b>	29-Jul-95	28-Aug-95	30.0
<b>RECORD OF DECISION</b>	29-Jun-95	12-Apr-96	288.0
PREPARE DRAFT ROD	29-Jun-95	29-Jul-95	30.0
<b>SUBMIT DRAFT ROD</b>	29-Jul-95	5-Aug-95	7.0
AGENCY REVIEW	5-Aug-95	3-Nov-95	90.0
<b>NAVY RECVS COMMENTS</b>	3-Nov-95	10-Nov-95	7.0
<b>ADDRESS COMMENTS</b>	10-Nov-95	9-Jan-96	60.0
<b>M I L COMMENTS</b>	9-Jan-96	16-Jan-96	7.0
PREPARE DRAFT/FINAL	9-Jan-96	9-Mar-96	60.0
<b>SUBMIT DRAFT/FINAL</b>	9-Mar-96	12-Uar-96	3.0
ROD FINALIZED	12-Mar-96	11-Apr-96	30.0
ROD SIGNATURE	11-Apr-96	12-Apr-96	1.0



NAVY RESPONSES TO EPA COMMENTS ON  
DRAFT FY92 SITE MANAGEMENT PLAN FOR  
NAVAL AIR STATION- PENSACOLA, FLORIDA

DATE: NOVEMBER 8, 1991

PAGE 1

1. EPA COMMENT: Please make the following changes to the second paragraph on this page:

(a) Delete the third sentence of this paragraph and replace it with the following text: "The 17 PSCs will not be included or tracked in the *SMP* unless they have been grouped with Operable Units for investigative and reporting purposes. Each Operable Unit Narrative **thus** identifies and briefly describes all sites to which the accompanying Operable Unit-specific schedule applies. The schedules are enforceable, however, only for those sites for which an RI/FS has been required."

(b) Delete the last two sentences of this paragraph.

NAVY RESPONSE: Changes were made according to comment.

2. EPA COMMENT: Page 3 of 75: This chart **should** be reorganized to facilitate tracking of the RI/FS process:

Column 1: Group letter  
Column 2: Operable Unit Number  
Column 3: Site Number  
Column 4: Site Name/Description  
Column 5: FFA Requires (RI/FS or screen)  
Column 6: Batch Number  
Column 7: Type of Contamination (from Table 1-2)  
Column 8: Grouping Rationale (e.g., similar contaminant types, geographic proximity, etc.)

NAVY RESPONSE: Columns 1-7 were identified on Table 1-1. Column 8 was excluded from the table, but explained were appropriate under the description section of the Operable Units.

3. EPA COMMENT: Page 5 of 75: Please replace the final sentence of **the** first paragraph on this page with the following: "The purpose of this **approach** is to eliminate the need for the development of formal **interim** data reports. Specifically, the data gaps and the information needed to fill those gaps shall be identified by evaluating the data itself rather than by evaluating a formal data report. The formal report shall be prepared once the nature and extent of contamination have been adequately delineated for the purposes of performing a Baseline Risk Assessment (BRA) and selecting a Remedial Action."

Enclosure (2)

NAVY RESPONSE: The suggested modification was made.

4. EPA COMMENT: Page 6 of 75: Please modify the second sentence of the first paragraph of Section 3 as follows: "The scheduled work at these OUs is being offset based on relative potential threat, schedule optimization and task management."

NAVY RESPONSE: The modification was made to the sentence.

5. EPA COMMENT: Page 6 of 75: Please insert the following two sentences at the end of the first paragraph in Section 3 (i.e. after the listing of the 12 criteria used to generate RI/FS OUs): "These Operable Units may be re-defined as more data is collected and evaluated. Ultimately, an Operable Unit will consist of PSCs and matrices which required similar remedial efforts."

NAVY RESPONSE: The suggested change was made to the sentence.

6. EPA COMMENT: Please move the second paragraph of Section 3 (i.e., Also, the following...as separate deliverables.") to the end of Section 5.

NAVY RESPONSE: The suggested changes were made to the paragraph.

7. EPA COMMENT: Please delete the final sentence on page 6, Table 1-2, and the first sentence on page 9.

NAVY RESPONSE: The deletion was made to the sentence.

8. EPA COMMENT: Page 9 of 75: Please insert the following phrase at the end of the first sentence in Section 4.: "unless they have been grouped with Operable Units for investigative and reporting purposes."

NAVY RESPONSE: The insertion was made to the sentence.

9. EPA COMMENT: Regarding the third sentence of Section 4., please replace the phrase "... concrete additional OUs to address the PSC problem." with the following: " incorporate these PSCs into existing Operable Units, or designate them as new Operable Units, following the criteria listed in Section 3.

NAVY RESPONSE: The suggested change was made to the sentence.

10. EPA COMMENT: Please insert the following text, at the end of Section 5: "Table 1-2 provides a listing, by Operable Units, of Compliance or Projected due dates for all draft primary documents up through, and including, the Draft Feasibility Study."

Please insert "Table 1-2"\*, to contain deliverable date for the following documents, at the end of Section 5:

Column 1: Operable Unit

Column 2: Draft RI/FS Workplan (Phase II Workplans)

Column 3: Draft Remedial Investigation (RI) Report and Baseline Risk Assessment (BRA)

Column 4: Draft Feasibility Study (FS)

Column 5: Draft Proposed Plan

\* Please note that while future Phase I Interim Data Reports will be accepted for background information purposes, these documents will not be subject to EPA peer review and have therefore not been included in this table.

NAVY RESPONSE: This table has not been incorporated and was deleted from the July 19, 1991 SMP and the August 28, 1991, due to the fact that this information is readily available and is provided under each Operable Unit description section for schedules of current deliverables, and projected deliverables.

11. EPA COMMENT: Page 11 of 75: Please insert a one or two-sentence rationale for the investigative priority of this Operable Unit at the end of the "Description:" paragraph. This rationale may reference such factors as : relative potential for human exposure, potential for off-site migration, magnitude, and/or toxicity of suspected contamination, etc.. Additional factors which may have influenced the start date of the RI/FS, such as the date of PSC identification, should also be stated.

NAVY RESPONSE: The rationale for grouping of sites at this OU was added to the "Description" paragraph.

12. EPA COMMENT: Page 11 and 12 of 75: The "Primary Deliverables" schedule must list the due date for all items which are to be transmitted in calendar year 1992, as per Section XXIII.A. of the FFA. The "Projected Deliverables" schedule should list all out-year transmittal dates which occur on or after December 31, 1992. Please revise these schedules accordingly. References to past transmittal dates should be deleted, with the exception of approval dates for Primary documents. These comments are applicable to the Primary and Projected Deliverables schedules for all Operable Units.

The following errata were also detected:

(a) The Site Management Plan and Quarterly Reports are generic documents and should be presented in a separate generic schedule. Other generic documents to be included in this schedule include the Community Relation plan.

(b) The Draft/Final RI/FS Phase II Workplan is chronologically out of order. Please check the chronology of this, and all other, Operable Unit schedules.

(c) **As** stated in Section VIII.C. of the FFA, the Baseline Risk Assessment is a primary document. Please make the necessary corrections to this, and all other, Operable Unit schedules.

**NAVY RESPONSE:** In reference to the very first comment, we have deleted the transmitted documents as requested from the Primary and Projected Deliverables schedules and have only shown what is appropriate for the 1992 year and approval Primary documents.

(a) We have shown a schedule per OU for the SMP and the Quarterly Reports. The Community Relation Plan has been completed and approved of in 1990, however, it will be revised as appropriate.

(b) We have checked chronology of the Draft/Final RI/FS Phase II Workplan and have made the appropriate changes.

(c) Per Section VIII.D of the FFA, the Baseline Risk Assessment is a secondary document and the Risk Assessment is a primary document. There is a difference between the two documents. No correction is required.

13. EPA RESPONSE: Page 13 of **80**: The schedule provided here must be Operable Unit-specific. Clearly, the 360 day time period listed for field work and report preparation is Batch-rather than Operable Unit Specific. In those instances where it is impracticable to provide an Operable Unit-specific time period, this should be indicated in the schedule (i.e., footnoted, etc.). This comment is applicable to all of the OU schedules included in the present SMP.

**The** public notice should be prepared and published in one 15-day period. This comment is applicable to all of the OU schedules included in the present SMP.

Preparation of the Feasibility Study (FS) should begin during the Remedial Investigation (RI) and run concurrently with the latter. This approach will give the Navy more time to prepare the FS, which must be submitted within 3 months of the Draft RI Report. According to the schedule provided in the current SMP for Operable Unit 1, preparation of the Draft Feasibility Study (FS) does not begin until after submittal of the Draft Remedial Investigation (RI) on **June** 29, 1993. The **60** day period allotted for preparation

of the Draft FS is likely to be inadequate. This comment is applicable to all of the OU schedules included in the present SMP.

The short periods allotted for preparation of documents for the draft through the final ROD may be difficult to obtain if these are being prepared for OUs 1-5 simultaneously. A staggering of these schedules for each Operable Unit would probably be advantageous and improve the quality of the documents being produced.

NAVY RESPONSE: The Navy has chosen to show 360 and 385 days for fieldwork due to the fact that this allows the contractor time to mobilize and perform all necessary fieldwork tasks (varies depending on the number of sites in a batch) without demobilizing between sites or batches. In other words, fieldwork is always being done to some extent at NAS Pensacola. This is most cost effective procedure for the Navy, and would be impractical to provide an Operable Unit time period at this time.

We have review the time period provide to prepare and publish the public notice, and a 45 day time period (15 to prepare and 30 to publish) will be the time allotted to complete this task. The 30 day publishing time period is controlled by the publishing newspaper and their requirements.

In regard to the preparation of the FS and the RI reports, we have made the appropriate changes for all OUs.

In regard to the staggering of schedules for each OU, comment has been noted to the "**Description**" section.

14. EPA COMMENT: Page 15 of 75: Please insert the following after the paragraph on PSC 26: "The following Screening Site which will be investigated and reported on concurrently with this Operable Unit include: PSC 12: Scraps Bins." This sentence should be followed by a brief description of the PSC. This comment is applicable to all Operable Units which are being investigated concurrently with one or more screening sites.

NAVY RESPONSE: The insertion was made for each OU with Screening Sites.

15. EPA COMMENT: Page 48 of 75: Please update this schedule to reflect the receipt date of EPA/FDER comments on the Draft Work Plan. Also, 385 days of field work on an Operable Unit for which considerable investigation has already been done is clearly excessive. This time period must be shortened substantially.

NAVY RESPONSE: We have update the schedules to reflect the receipt date of EPA/FDER comments on documents. Also, see response to comment number 13 regarding the number of days in the field. In addition, Operable Unit 10 Draft Workplan identifies a combine fieldwork effort (Phase I and 11) which we feel will require 385 days to perform the identified fieldwork.

16. EPA COMMENT: Page 67 through 75: The Draft RI/FS Workplans for Operable Units 15, 16, and 17 are not scheduled for submittal until mid to late 1992. These submittal dates must be moved up, particularly since these investigations will be quite different in nature from those conducted for other PSCs and they will probably require the services of different contractor.

NAVY RESPONSE: Looking back to the comment made in number 13, you made the request to stagger schedules for OUs to improve the quality of the documents being produced. In comment 16, however, the request has been made to move up the schedules for OU 15 through 17, which contradicts the previous comment. In the best interest and the most advantageous solution for the Navy, the schedules for OU 15 through 17 will not be changed since this will require investigations different in nature and a new contractor, and input/feedback for the following agencies: EPA/FDER/NOAA/FDNR/ETEC EPA/and the Fish and Wildlife Service as well as any others.

17. EPA COMMENT: General Comment, Compliance Schedules: Roughly the same amount of time has been allotted for field work and RI Report preparation for all 17 Operable Units (i.e. either 360 or 385 days). Consideration must be given to the individual characteristics of each batch of PSCs, so that a unique, "batch-specific" schedule for the duration of field work and draft RI report preparation can be provided in each case. The grouping of Operable Units into batches for the purpose of streamlining field work and improving cost-effectiveness is understandable. However, the simultaneous investigation of 10 or more PSCs has resulted in RI/FS schedules which are overly lengthy. Serious consideration must be given to regrouping these Operable Units in order to reduce the lengths of RI/FS schedules and demonstrate significant progress toward the clean up of some sites within more reasonable time frames. In short, cost-effectiveness and insufficient emphasis on timely investigation and clean-up.

NAVY RESPONSE: We are looking at options and would consider any suggestions as to regrouping OUs to shorten the process for RI/FS schedules. However, we do not feel that this is the appropriate time to regroup/reorganize the PSC sites.

18. EPA COMMENT: Informal Expedited Schedules for Operable Units 1-17: The allotment of 120 days for data assessment alone is excessive. Data assessment should begin while field work is still in progress and continue through the preliminary stages of Draft RI/FS Report preparation. This 120 day period must be reduced to 45 days for all Expedited Schedules.

NAVY RESPONSE: The informal expedited schedules for OUs 1-17 data assessment have not been changed. We believe that 60 days to validate the data and 60 days to assess the data is appropriate totalling to 120 days for data assessment and that 45 days total to assess all the data points per OU would not be sufficient.

ENXPEDITED SCHEDULES FOR NAS PEWSACOLA, FLORIDA

schedule Name : EXPEDITED SCHEDULE NAS PENSACOLA  
 Responsible : Ms. Suzanne Sanborn  
 As-of Date : Nov. 8, 1991      Schedule File : OU 1-5 (Batch 1)

Task Name	Start Date	End Date	Duratn (Days)
RI/FS WORK PLAN	16-Oct-91	29-Feb-92	136.0
SUBMIT DRAFT WORK PLAN	16-Oct-91	17-Oct-91	1.0
AGENCY REVIEW	17-Oct-91	16-Nov-91	30.0
RESPONSE TO COMMENTS	16-Nov-91	31-Dec-91	45.0
DRAFT FINAL WORK PLAN	31-Dec-91	14-Feb-92	45.0
FINAL RI/FS WORK PLAN	14-Feb-92	29-Feb-92	15.0
POA, NEGOTIATION, AWARD	29-Feb-92	30-Mar-92	30.0
FIELD WORK START	30-Mar-92	31-Mar-92	1.0
FIELD WORK COMPLETE	31-Mar-92	26-Nov-92	240.0
RI/FS REPORT	26-Nov-92	6-Nov-93	345.0
DATA ASSESSMENT COMPLETE	26-Nov-92	26-Mar-93	120.0
DRAFT RI/FS REPORT	26-Mar-93	24-Jun-93	90.0
AGENCY REVIEW	24-Jun-93	24-Jul-93	30.0
RESPONSE TO COMMENTS	24-Jul-93	7-Sep-93	45.0
DRAFT FINAL RI/FS REPORT	7-Sep-93	22-Oct-93	45.0
FINAL RI/FS REPORT	22-Oct-93	6-Nov-93	15.0
PROPOSED PLAN	7-Sep-93	31-Jan-94	146.0
DRAFT PROPOSED PLAN	7-Sep-93	6-Dec-93	90.0
RECEIVE PP REVIEW COMMENTS	6-Dec-93	27-Dec-93	21.0
DRAFT FINAL PROPOSED PLAN	27-Dec-93	17-Jan-94	21.0
FINAL PROPOSED PLAN	17-Jan-94	31-Jan-94	14.0
PUBLIC COMMENT	17-Jan-94	17-Mar-94	59.0
PUBLIC NOTICE	17-Jan-94	31-Jan-94	14.0
COMMENT PERIOD BEGINS	31-Jan-94	31-Jan-94	0.0
PUBLIC MEETING	31-Jan-94	14-Feb-94	14.0
END OF COMMENT PERIOD	31-Jan-94	17-Mar-94	45.0
RECORD OF DECISION	14-Feb-94	21-May-94	96.0
DRAFT RECORD OF DECISION	14-Feb-94	7-Mar-94	21.0
DRAFT RESPONSIVENESS SUMMARY	7-Mar-94	6-Apr-94	30.0
DRAFT FINAL ROD	6-Apr-94	6-May-94	30.0
FINAL ROD	6-May-94	21-May-94	15.0

TINE LINE Task Report

Schedule Name : EXPEDITED SCHEDULE NAS PENSACOLA  
 Responsible : Ms. Suzanne Sanborn  
 As-of Date : Nov. 8, 1991 Schedule File : OU 6-9 (Batch 2)

Task Name	Start Date	End Date	Duratn (Days)
RI/FS WORX PLAN	16-Apr-92	30-Aug-92	136.0
SUBMIT DRAFT WORK PLAN	16-Apr-92	17-Apr-92	1.0
'AGENCY REVIEW	17-Apr-92	17-May-92	30.0
'RESPONSE TO COMMENTS	17-May-92	1-Jul-92	45.0
DRAFT FINAL WORK PLAN	1-Jul-92	15-Aug-92	45.0
FINAL RI/FS WORK PLAN	15-Aug-92	30-Aug-92	15.0
POA, NEGOTIATION, AWARD	30-Aug-92	29-Sep-92	30.0
FIELD WORK START	29-Sep-92	30-Sep-92	1.0
FIELD WORK COMPLETE	30-Sep-92	28-May-93	240.0
RI/FS REPORT	28-May-93	8-May-94	345.0
DATA ASSESSMENT COMPLETE	28-May-93	25-Sep-93	120.0
DRAFT RI/FS REPORT	25-Sep-93	24-Dec-93	90.0
AGENCY REVIEW	24-Dec-93	23-Jan-94	30.0
RESPONSE TO COMMENTS	23-Jan-94	9-Mar-94	45.0
DRAFT FINAL RI/FS REPORT	9-Mar-94	23-Apr-94	45.0
FINAL RI/FS REPORT	23-Apr-94	8-May-94	15.0
PROPOSED PLAN	9-Mar-94	2-Aug-94	146.0
DRAFT PROPOSED PLAN	9-Mar-94	7-Jun-94	90.0
RECEIVE PP REVIEW COMMENTS	7-Jun-94	28-Jun-94	21.0
DRAFT FINAL PROPOSED PLAN	28-Jun-94	19-Jul-94	21.0
FINAL PROPOSED PLAN	19-Jul-94	2-Aug-94	14.0
PUBLIC COMMENT	19-Jul-94	16-Sep-94	59.0
PUBLIC NOTICE	19-Jul-94	2-Aug-94	14.0
COMMENT PERIOD BEGINS	2-Aug-94	2-Aug-94	0.0
PUBLIC MEETING	2-Aug-94	16-Aug-94	14.0
END OF COMMENT PERIOD	2-Aug-94	16-Sep-94	45.0
RECORD OF DECISION	16-Aug-94	20-Nov-94	96.0
DRAFT RECORD OF DECISION	16-Aug-94	6-Sep-94	21.0
DRAFT RESPONSIVENESS SUMMARY	6-Sep-94	6-Oct-94	30.0
DRAFT FINAL ROD	6-Oct-94	5-Nov-94	30.0
FINAL ROD	5-Nov-94	20-Nov-94	15.0

TIME LINE Task Report

Schedule Name : EXPEDITED SCHEDULE NAS PENSACOLA  
 Responsible : Ms. Suzanne Sanborn  
 As-of Date : Nov. 8, 1991 Schedule File : OU 10 (Batch 3)

Task Name	Start Date	End Date	Duratr (Days)
RI/FS WORK PLAN	21-Jun-91	4-Jan-92	197.0
SUBMIT DRAFT WORK PLAN	21-Jun-91	22-Jun-91	1.0
AGENCY REVIEW	22-Jun-91	6-Sep-91	76.0
RESPONSE TO COMMENTS	6-Sep-91	5-Nov-91	60.0
DRAFT FINAL WORK PLAN	5-Nov-91	20-Dec-91	45.0
FINAL RI/FS WORK PLAN	20-Dec-91	4-Jan-92	15.0
POA, NEGOTIATION, AWARD	4-Jan-92	3-Feb-92	30.0
FIELD WORK START	3-Feb-92	4-Feb-92	1.0
FIELD WORK COMPLETE	4-Feb-92	26-Oct-92	265.0
RI/FS REPORT	26-Oct-92	6-Oct-93	345.0
DATA ASSESSMENT COMPLETE	26-Oct-92	23-Feb-93	120.0
DRAFT RI/FS REPORT	23-Feb-93	24-May-93	90.0
AGENCY REVIEW	24-May-93	23-Jun-93	30.0
RESPONSE TO COMMENTS	23-Jun-93	7-Aug-93	45.0
DRAFT FINAL RI/FS REPORT	7-Aug-93	21-Sep-93	45.0
FINAL RI/FS REPORT	21-Sep-93	6-Oct-93	15.0
PROPOSED PLAN	7-Aug-93	31-Dec-93	146.0
DRAFT PROPOSED PLAN	7-Aug-93	5-Nov-93	90.0
RECEIVE PP REVIEW COMMENTS	5-Nov-93	26-Nov-93	21.0
DRAFT FINAL PROPOSED PLAN	26-Nov-93	17-Dec-93	21.0
FINAL PROPOSED PLAN	17-Dec-93	31-Dec-93	14.0
PUBLIC COMMENT	17-Dec-93	14-Feb-94	59.0
PUBLIC NOTICE	17-Dec-93	31-Dec-93	14.0
COMMENT PERIOD BEGINS	31-Dec-93	31-Dec-93	0.0
PUBLIC MEETING	31-Dec-93	14-Jan-94	14.0
END OF COMMENT PERIOD	31-Dec-93	14-Feb-94	45.0
RECORD OF DECISION	14-Jan-94	20-Apr-94	96.0
DRAFT RECORD OF DECISION	14-Jan-94	4-Feb-94	21.0
DRAFT RESPONSIVENESS SUMMARY	4-Feb-94	6-Mar-94	30.0
DRAFT FINAL ROD	6-Mar-94	5-Apr-94	30.0
FINAL ROD	5-Apr-94	20-Apr-94	15.0

TIME LINE Task Report

Schedule Name : EXPEDITED SCHEDULE NAS PENSACOLA  
 Responsible : Ms. Suzanne Sanborn  
 As-of Date : Nov. 8, 1991 Schedule File : OU 11-14 (Batch 4)

<u>Task Name</u>	<u>Start Date</u>	<u>End Date</u>	<u>Duratn (Days)</u>
RI/FS WORK PLAN	22-Sep-91	20-Mar-92	180.0
SUBMIT DRAFT WORK PLAN	22-Sep-91	23-Sep-91	1.0
AGENCY REVIEW	22-Sep-91	21-Nov-91	60.0
RESPONSE TO COMMENTS	21-Nov-91	20-Jan-92	60.0,
DRAFT FINAL WORK PLAN	20-Jan-92	5-Mar-92	45.0
FINAL RI/FS WORK PLAN	5-Mar-92	20-Mar-92	15.0
POA, NEGOTIATION, AWARD	20-Mar-92	19-Apr-92	30.0
FIELD WORK START	19-Apr-92	20-Apr-92	1.0
FIELD WORK COMPLETE	20-Apr-92	10-Jan-93	265.0
RI/FS REPORT	10-Jan-93	21-Dec-93	345.0
DATA ASSESSMENT COMPLETE	10-Jan-93	10-May-93	120.0
DRAFT RI/FS REPORT	10-May-93	8-Aug-93	90.0
AGENCY REVIEW	8-Aug-93	7-Sep-93	30.0
RESPONSE TO COMMENTS	7-Sep-93	22-Oct-93	45.0
DRAFT FINAL RI/FS REPORT	22-Oct-93	6-Dec-93	45.0
FINAL RI/FS REPORT	6-Dec-93	21-Dec-93	15.0
PROPOSED PLAN	22-Oct-93	17-Mar-94	146.0
DRAFT PROPOSED PLAN	22-Oct-93	20-Jan-94	90.0
RECEIVE PP REVIEW COMMENTS	20-Jan-94	10-Feb-94	21.0
DRAFT FINAL PROPOSED PLAN	10-Feb-94	3-Mar-94	21.0
FINAL PROPOSED PLAN	3-Mar-94	17-Mar-94	14.0
PUBLIC COMMENT	3-Mar-94	1-May-94	59.0
PUBLIC NOTICE	3-Mar-94	17-Mar-94	14.0
COMMENT PERIOD BEGINS	17-Mar-94	17-Mar-94	0.0
PUBLIC MEETING	17-Mar-94	31-Mar-94	14.0
END OF COMMENT PERIOD	17-Mar-94	1-May-94	45.0
RECORD OF DECISION	31-Mar-94	5-Jul-94	96.0
DRAFT RECORD OF DECISION	31-Mar-94	21-Apr-94	21.0
DRAFT RESPONSIVENESS SUMMARY	21-Apr-94	21-May-94	30.0
DRAFT FINAL ROD	21-May-94	20-Jun-94	30.0
FINAL ROD	20-Jun-94	5-Jul-94	15.0

TIME LINE Task Report

Schedule Name : EXPEDITED SCHEDULE NAS PENSACOLA  
 Responsible : Ms. Suzanne Sanborn  
 As-of Date : Nov. 0, 1991 Schedule File : OU 15-17 (Batch 5)

Task Name	Start Date	End Date	Duratr (Days)
RI/FS WORK PLAN	20-Dec-92	20-May-93	151.0
SUBMIT DRAFT WORK PLAN	20-Dec-92	21-Dec-92	1.0
AGENCY REVIEW	21-Dec-92	20-Jan-93	30.0
RESPONSE TO COMMENTS	20-Jan-93	21-Mar-93	60.0
DRAFT FINAL WORK PLAN	21-Mar-93	5-May-93	45.0
FINAL RI/FS WORK PLAN	5-May-93	20-May-93	15.0
POA, NEGOTIATION, AWARD	20-May-93	19-Jun-93	30.0
FIELD WORK START	19-Jun-93	20-Jun-93	1.0
FIELD WORK COMPLETE	20-Jun-93	12-Mar-94	265.0
RI/FS REPORT	12-Mar-94	20-Feb-95	345.0
DATA ASSESSMENT COMPLETE	12-Mar-94	10-Jul-94	120.0
DRAFT RI/FS REPORT	10-Jul-94	8-Oct-94	90.0
AGENCY REVIEW	8-Oct-94	7-Nov-94	30.0
RESPONSE TO COMMENTS	7-Nov-94	22-Dec-94	45.0
DRAFT FINAL RI/FS REPORT	22-Dec-94	5-Feb-95	45.0
FINAL RI/FS REPORT	5-Feb-95	20-Feb-95	15.0
PROPOSED PLAN	22-Dec-94	17-May-95	146.0
DRAFT PROPOSED PLAN	22-Dec-94	22-Mar-95	90.0
RECEIVE PP REVIEW COMMENTS	22-Mar-95	12-Apr-95	21.0
DRAFT FINAL PROPOSED PLAN	12-Apr-95	3-May-95	21.0
FINAL PROPOSED PLAN	3-May-95	17-May-95	14.0
PUBLIC COMMENT	3-May-95	1-Jul-95	59.0
PUBLIC NOTICE	3-May-95	17-May-95	14.0
COMMENT PERIOD BEGINS	17-May-95	17-May-95	0.0
PUBLIC MEETING	17-May-95	31-May-95	14.0
END OF COMMENT PERIOD	17-May-95	1-Jul-95	45.0
RECORD OF DECISION	31-May-95	4-Sep-95	96.0
DRAFT RECORD OF DECISION	31-May-95	21-Jun-95	21.0
DRAFT RESPONSIVENESS SUMMARY	21-Jun-95	21-Jul-95	30.0
DRAFT FINAL ROD	21-Jul-95	20-Aug-95	30.0
FINAL ROD	20-Aug-95	4-Sep-95	15.0

TIME LINE Task Report