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NAS CECIL FIELD
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SITE MANAGEMENT PLAN NAS CECIL FIELD FL
10/30/1991
NAVFAC SOUTHERN

**NAVAL AIR STATION CECIL FIELD
JACKSONVILLE, FLORIDA**

SITE MANAGEMENT PLAN

30 OCTOBER 1991

Report Prepared by:

Department of the Navy
Southern Division
Naval Facilities Engineering Command
2155 Eagle Drive
Charleston, South Carolina

I. INTRODUCTION

This Site Management Plan (SMP) was prepared in accordance with the requirements of the Federal Facility Agreement (FFA) between the United States Environmental Protection Agency (EPA), Florida Department of Environmental Regulation (FDER), and the United States Navy. The FFA is an interagency agreement which is a requirement of Section 120(e)(1) of the Superfund Amendments and Reauthorization Act (SARA). The intent of the plan is to provide: (1) actions necessary to investigate and mitigate potential threats to human health and the environment, (2) a list of initial operable units, (3) a prioritization of operable units, (4) a schedule of work proposed for the current year, and (5) a projected schedule for subsequent calendar years.

II. SITE MANAGEMENT STRATEGY

The CERCLA Remedial Investigation/Feasibility Study (RI/FS) process will be tailored to allow prioritization of sites according to potential threat to human health and the environment. The process will 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, interim removal action, or evaluation of remedial alternatives). The process eliminates lengthy interim report development and review times by allowing continual data assessment and rapid decision-making.

Decisions concerning data assessment and actions to be taken will be made during Project Manager 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 decisions made at the Project Manager meetings may be final with no reporting or 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 sites 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 site boundaries, and may be investigated and treated as a single system or set of systems.

Through this approach, the RI/FS process can be responsive to individual site characteristics and technical requirements, without lengthy delays between field actions. This provides the flexibility to address any site, operable unit, or set of operable units separately or as a whole. In addition, specific matrices (i.e., soil/sediment, groundwater, surface water, or air) of individual sites, or operable units, can be treated separately if necessary, or a single matrix may be investigated at one time across the entire facility.

III. LISTING OF POTENTIAL SOURCES OF CONTAMINATION (PSCs)

Potential sources of contamination (PSCs) at NAS Cecil Field can be separated into two categories, Site Screening PSCs or RI/FS PSCs, depending on the level of investigation that has been performed at the individual PSCs.

Sites where the potential for contamination has been identified, but little or no confirmation data is available, are classified as Site Screening PSCs. These sites will require initial confirmation and characterization sampling prior to determining if further investigation is necessary. The Site Screening PSCs are listed below but they are not yet a part of the RI/FS process and will not be discussed further in this SMP.

SITE SCREENING PSCs

PSC No.	Site Name
4	Grease Pits
6	Lake Fretwell Rubble Disposal Area
9	Recent Grease Pits
12	Public Works Disposal Area
18	Ammunition Disposal Area
19	Rowell Creek Rubble Disposal Area

Initial characterization investigations have been performed at the remaining sites listed below. These PSCs will be addressed under the RI/FS process.

REMEDIAL INVESTIGATION/FEASIBILITY STUDY PSCs

PSC No.	Site Name
1	Old Landfill
2	Recent Landfill
3	Oil Sludge Disposal Area
5	Oil Disposal Area Northwest
7	Old Fire Fighting Training Area
8	Boresite Range Fire Fighting Training Area
10	Rubble Disposal Area
11	Golf Course Pesticide Disposal Area
14	Blue 5 Ordnance Disposal Area
15	Blue 10 Ordnance Disposal Area
16	AIMD Seepage Pit
17	Oil/Sludge Disposal Pit Southwest

IV. OPERABLE UNITS

The 12 sites requiring RI/FS will initially be divided into operable units based on types of waste disposed or typical profiles of suspected contaminants. These operable units may be re-defined as more data is collected and evaluated. Ultimately, an operable unit will consist of sites, contaminants, and matrices which require similar remedial efforts.

Sites proposed for initial definition of operable units are listed below. The division of these units is generally based on wastes reported to be disposed and suspected contaminants at each site. The operable units are then grouped into sets for investigation. All units and groups may be redefined after further data evaluation. The prioritization of sites for investigation is based on potential threat to human health and the environment.

Investigative Set 1

Operable Unit 1 - Landfills

- PSC 1 - Old Landfill
- PSC 2 - Recent Landfill

Operable Unit 2 - Oil/Sludge Disposal Areas

PSC 3 - Oil Sludge Disposal Area
PSC 5 - Oil Disposal Area Northwest
PSC 17 - Oil/Sludge Disposal Pit Southwest

Operable Unit 7 - AIMD Seepage Pit

PSC 16 - AIMD Seepage Pit

This first group of Operable Units was selected for the following reasons:

- historically, landfills and unlined disposal pits have represented a source for significant levels of both groundwater and soil contamination,
- high volume of waste reportedly disposed at these sites,
- geographic proximity of Operable Units 1 and 2, and
- RCRA regulatory requirements (PSC 16).

Investigative Set 2

Operable Unit 3 - Fire Training Areas

PSC 7 - Old Fire Fighting Training Area
PSC 8 - Boresite Range Fire Fighting Training Area

Operable Unit 4 - Rubble Disposal Areas

PSC 10 - Rubble Disposal Area

Operable Unit 5 - Ordnance Disposal Areas

PSC 14 - Blue 5 Ordnance Disposal Area
PSC 15 - Blue 10 Ordnance Disposal Area

Operable Unit 6 - Pesticide Disposal Area

PSC 11 - Golf Course Pesticide Disposal Area

The second group of Operable Units was selected for the following reasons:

- lower volume of waste reportedly disposed at these sites,
- location of sites in restricted areas of the base, and
- lower mobility of suspected contaminants at some sites.

IV. SCHEDULE

General Deliverables (all operable units)	Transmittal Date
Site Management Plan	1 September 1993
Quarterly Progress Reports	30 October 1991
	30 January 1992
	30 April 1992
	30 July 1992

Investigative Set 1

1992 Primary Deliverables	Transmittal Date
Draft RI/FS Report	7 July 1992

1993 Projected Primary Deliverables

Draft Final RI/FS Report	16 February 1993
Final RI/FS Report	25 March 1993
Draft Proposed RA Plan	23 February 1993
Draft Final Proposed RA Plan	28 September 1993
Final RA Plan	4 November 1993
Draft ROD	28 September 1993

1992 Secondary Deliverables	Transmittal Date
Draft Baseline Risk Assessment	7 July 1992

SITE MANAGEMENT PLAN
Naval Air Station, Cecil Field
Jacksonville, Florida

30 October 1991

Investigative Set 2

1992 Primary Deliverables

Transmittal Date

Draft Work Plan

16 February 1992

1993 Projected Primary Deliverables

Transmittal Date

Draft RI/FS Report

3 June 1993

1992 Secondary Deliverables

Transmittal Date

Draft Sampling & Analysis Plan

16 February 1992

Draft Final Sampling & Analysis Plan

29 July 1992

Final Sampling & Analysis Plan

4 September 1992

Schedule Name : NAS Cecil Field Site Management Plan

Responsible : Cliff Casey

As-of Date : 30-Oct-91

Schedule File : TLSMPEA

Operable Units 1, 2, and 7 - FFA Review Schedule

Task Name	Start Date	Duration	End Date
POA, Negotiation, Award	17-Jul-91	90.0 days	15-Oct-91
RI/FS	15-Oct-91	161.0 day	24-Mar-92
RI Field Work	15-Oct-91	98.0 days	21-Jan-92
Site Recon	15-Oct-91	7.0 days	22-Oct-91
Site Clearing	22-Oct-91	14.0 days	5-Nov-91
Soil Gas Sampling	22-Oct-91	14.0 days	5-Nov-91
In-situ GW Sampling	22-Oct-91	14.0 days	5-Nov-91
EM Survey	5-Nov-91	14.0 days	19-Nov-91
Surface Soil Sampling	19-Nov-91	7.0 days	26-Nov-91
Shallow Soil Borings	5-Nov-91	21.0 days	26-Nov-91
Monitoring Well Inst.	26-Nov-91	49.0 days	14-Jan-92
GW Sampling/Levels	31-Dec-91	21.0 days	21-Jan-92
Aquifer testing	31-Dec-91	21.0 days	21-Jan-92
SW/Sed. Sampling	26-Nov-91	7.0 days	3-Dec-91
SW Flow Measurement	26-Nov-91	7.0 days	3-Dec-91
Location Survey	7-Jan-92	14.0 days	21-Jan-92
Data Assessment	5-Nov-91	140.0 day	24-Mar-92
Lab Analysis	5-Nov-91	112.0 day	25-Feb-92
Data Validation	26-Nov-91	98.0 days	3-Mar-92
Data Evaluation	10-Dec-91	98.0 days	17-Mar-92
Baseline Risk Assessm	24-Dec-91	91.0 days	24-Mar-92
Feasibility Study	15-Oct-91	154.0 day	17-Mar-92
Identify ARARs	10-Dec-91	28.0 days	7-Jan-92
Develop Alternatives	10-Dec-91	42.0 days	21-Jan-92
Screen Alternatives	24-Dec-91	70.0 days	3-Mar-92
Analyze Alternatives	15-Oct-91	84.0 days	7-Jan-92
RA of Alternatives	15-Oct-91	84.0 days	7-Jan-92
Treatability Studies	24-Dec-91	84.0 days	17-Mar-92
Draft RI/FS Report	15-Oct-91	105.0 day	28-Jan-92
Prepare Draft RI/FS	15-Oct-91	105.0 day	28-Jan-92
Navy Review	15-Oct-91	14.0 days	29-Oct-91
Submit to EPA/FDER	15-Oct-91	7.0 days	22-Oct-91
EPA/FDER Review	15-Oct-91	90.0 days	13-Jan-92
EPA/FDER Mail Comme	15-Oct-91	7.0 days	22-Oct-91
Respond to Comments	15-Oct-91	60.0 days	14-Dec-91
Mail Responses	15-Oct-91	7.0 days	22-Oct-91
Draft Final RI/FS Rep	15-Oct-91	60.0 days	14-Dec-91
Prepare Draft Final	15-Oct-91	60.0 days	14-Dec-91
Submit to EPA/FDER	15-Oct-91	7.0 days	22-Oct-91
EPA/FDER Review	15-Oct-91	30.0 days	14-Nov-91
Final RI/FS Report	15-Oct-91	0.0	15-Oct-91
Proposed Plan	30-Oct-91	90.0 days	28-Jan-92
Draft	30-Oct-91	90.0 days	28-Jan-92
Prepare Draft Plan	30-Oct-91	30.0 days	29-Nov-91

Schedule Name : NAS Cecil Field Site Management Plan
 Responsible : Cliff Casey
 As-of Date : 30-Oct-91 Schedule File : TLSMPEA

Operable Units 1, 2, and 7 - FFA Review Schedule

Submit to EPA/FDER	30-Oct-91	7.0 days	6-Nov-91
EPA/FDER Review	30-Oct-91	90.0 days	28-Jan-92
EPA/FDER Mail Comment	30-Oct-91	7.0 days	6-Nov-91
Respond to Comments	30-Oct-91	60.0 days	29-Dec-91
Mail Responses	30-Oct-91	7.0 days	6-Nov-91
Final	30-Oct-91	60.0 days	29-Dec-91
Prepare Draft Final P	30-Oct-91	60.0 days	29-Dec-91
Submit Draft Final	30-Oct-91	7.0 days	6-Nov-91
EPA/FDER Review	30-Oct-91	30.0 days	29-Nov-91
Final Plan	30-Oct-91	0.0	30-Oct-91
Prepare/Publish Public	30-Oct-91	14.0 days	13-Nov-91
Public Comment Period	30-Oct-91	45.0 days	14-Dec-91
Public Meeting	30-Oct-91	1.0 day	31-Oct-91
Responsiveness Summary	30-Oct-91	30.0 days	29-Nov-91
Record of Decision	30-Oct-91	90.0 days	28-Jan-92
Draft	30-Oct-91	90.0 days	28-Jan-92
Prepare Draft ROD	30-Oct-91	30.0 days	29-Nov-91
Submit to EPA/FDER	30-Oct-91	7.0 days	6-Nov-91
EPA/FDER Review	30-Oct-91	90.0 days	28-Jan-92
EPA/FDER Mail Comment	30-Oct-91	7.0 days	6-Nov-91
Respond to Comments	30-Oct-91	60.0 days	29-Dec-91
Mail Responses	30-Oct-91	7.0 days	6-Nov-91
Final	30-Oct-91	60.0 days	29-Dec-91
Prepare Draft Final R	30-Oct-91	60.0 days	29-Dec-91
Submit Draft Final	30-Oct-91	7.0 days	6-Nov-91
EPA/FDER Review	30-Oct-91	30.0 days	29-Nov-91
Final ROD	30-Oct-91	0.0	30-Oct-91

Schedule Name : NAS Cecil Field Site Management Plan

Responsible : Cliff Casey

As-of Date : 30-Oct-91

Schedule File : TLSMP2B

Operable Units 3, 4, 5, and 6 - FFA Review Schedule

Task Name	Start Date	Duration	End Date
Work Plan Preparation	1-Jan-92	247.0 day	4-Sep-92
Notice to Proceed	1-Jan-92	1.0 day	2-Jan-92
Revisions	2-Jan-92	45.0 days	16-Feb-92
Submit Draft	16-Feb-92	7.0 days	23-Feb-92
Agency Review	23-Feb-92	30.0 days	24-Mar-92
Mail Comments	24-Mar-92	7.0 days	31-Mar-92
Address Comments	31-Mar-92	60.0 days	30-May-92
Mail Responses	30-May-92	7.0 days	6-Jun-92
Prepare Draft Final	30-May-92	60.0 days	29-Jul-92
Submit Draft Final	29-Jul-92	7.0 days	5-Aug-92
Final Work Plan	5-Aug-92	30.0 days	4-Sep-92
POA, Negotiation, Award	27-Jun-92	75.0 days	10-Sep-92
RI/FS	10-Sep-92	527.0 day	19-Feb-94
RI Field Work	10-Sep-92	98.0 days	17-Dec-92
Site Recon	10-Sep-92	7.0 days	17-Sep-92
Site Clearing	17-Sep-92	14.0 days	1-Oct-92
Soil Gas Sampling	17-Sep-92	14.0 days	1-Oct-92
In-situ GW Sampling	17-Sep-92	14.0 days	1-Oct-92
EM Survey	1-Oct-92	14.0 days	15-Oct-92
Surface Soil Sampling	15-Oct-92	7.0 days	22-Oct-92
Shallow Soil Borings	1-Oct-92	21.0 days	22-Oct-92
Monitoring Well Inst.	22-Oct-92	49.0 days	10-Dec-92
GW Sampling/Levels	26-Nov-92	21.0 days	17-Dec-92
Aquifer testing	26-Nov-92	21.0 days	17-Dec-92
SW/Sed. Sampling	22-Oct-92	7.0 days	29-Oct-92
SW Flow Measurement	22-Oct-92	7.0 days	29-Oct-92
Location Survey	3-Dec-92	14.0 days	17-Dec-92
Data Assessment	1-Oct-92	140.0 day	18-Feb-93
Lab Analysis	1-Oct-92	112.0 day	21-Jan-93
Data Validation	22-Oct-92	98.0 days	28-Jan-93
Data Evaluation	5-Nov-92	98.0 days	11-Feb-93
Baseline Risk Assessm	19-Nov-92	91.0 days	18-Feb-93
Feasibility Study	5-Nov-92	471.0 day	19-Feb-94
Identify ARARs	5-Nov-92	28.0 days	3-Dec-92
Develop Alternatives	5-Nov-92	42.0 days	17-Dec-92
Screen Alternatives	19-Nov-92	70.0 days	28-Jan-93
Analyze Alternatives	28-Jan-93	84.0 days	22-Apr-93
RA of Alternatives	28-Jan-93	84.0 days	22-Apr-93
Treatability Studies	19-Nov-92	84.0 days	11-Feb-93
Draft RI/FS Report	18-Feb-93	276.0 day	21-Nov-93
Prepare Draft RI/FS	18-Feb-93	105.0 day	3-Jun-93
Navy Review	20-May-93	14.0 days	3-Jun-93
Submit to EPA/FDER	3-Jun-93	7.0 days	10-Jun-93
EPA/FDER Review	10-Jun-93	90.0 days	8-Sep-93

Schedule Name : NAS Cecil Field Site Management Plan
 Responsible : Cliff Casey
 As-of Date : 30-Oct-91 Schedule File : TLSMP2B

Operable Units 3, 4, 5, and 6 - FFA Review Schedule

EPA/FDER Mail Comme	8-Sep-93	7.0 days	15-Sep-93
Respond to Comments	15-Sep-93	60.0 days	14-Nov-93
Mail Responses	14-Nov-93	7.0 days	21-Nov-93
Draft Final RI/FS Rep	14-Nov-93	97.0 days	19-Feb-94
Prepare Draft Final	14-Nov-93	60.0 days	13-Jan-94
Submit to EPA/FDER	13-Jan-94	7.0 days	20-Jan-94
EPA/FDER Review	20-Jan-94	30.0 days	19-Feb-94
Final RI/FS Report	19-Feb-94	0.0	19-Feb-94
Proposed Plan	14-Dec-93	380.0 day	29-Dec-94
Draft	14-Dec-93	201.0 day	3-Jul-94
Prepare Draft Plan	14-Dec-93	30.0 days	13-Jan-94
Submit to EPA/FDER	13-Jan-94	7.0 days	20-Jan-94
EPA/FDER Review	20-Jan-94	90.0 days	20-Apr-94
EPA/FDER Mail Comment	20-Apr-94	7.0 days	27-Apr-94
Respond to Comments	27-Apr-94	60.0 days	26-Jun-94
Mail Responses	26-Jun-94	7.0 days	3-Jul-94
Final	26-Jun-94	186.0 day	29-Dec-94
Prepare Draft Final P	26-Jun-94	60.0 days	25-Aug-94
Submit Draft Final	25-Aug-94	7.0 days	1-Sep-94
EPA/FDER Review	1-Sep-94	30.0 days	1-Oct-94
Final Plan	1-Oct-94	0.0	1-Oct-94
Prepare/Publish Publi	1-Oct-94	14.0 days	15-Oct-94
Public Comment Period	15-Oct-94	45.0 days	29-Nov-94
Public Meeting	29-Oct-94	1.0 day	30-Oct-94
Responsiveness Summar	29-Nov-94	30.0 days	29-Dec-94
Record of Decision	26-Jul-94	291.0 day	13-May-95
Draft	26-Jul-94	201.0 day	12-Feb-95
Prepare Draft ROD	26-Jul-94	30.0 days	25-Aug-94
Submit to EPA/FDER	25-Aug-94	7.0 days	1-Sep-94
EPA/FDER Review	1-Sep-94	90.0 days	30-Nov-94
EPA/FDER Mail Comment	30-Nov-94	7.0 days	7-Dec-94
Respond to Comments	7-Dec-94	60.0 days	5-Feb-95
Mail Responses	5-Feb-95	7.0 days	12-Feb-95
Final	5-Feb-95	97.0 days	13-May-95
Prepare Draft Final R	5-Feb-95	60.0 days	6-Apr-95
Submit Draft Final	6-Apr-95	7.0 days	13-Apr-95
EPA/FDER Review	13-Apr-95	30.0 days	13-May-95
Final ROD	13-May-95	0.0	13-May-95

**NAVAL AIR STATION CECIL FIELD
JACKSONVILLE, FLORIDA**

**EXPEDITED
SITE MANAGEMENT SCHEDULE**

30 October 1991

Report Prepared by:

Department of the Navy
Southern Division
Naval Facilities Engineering Command
2155 Eagle Drive
Charleston, South Carolina

Schedule Name : NAS Cecil Field Site Management Plan
 Responsible : Cliff Casey
 As-of Date : 30-Oct-91 Schedule File : TLA1

Operable Units 1, 2, and 7 - Informal Review Schedule

Task Name	Start Date	Duration	End Date
POA, Negotiation, Award	17-Jul-91	80.0 days	5-Oct-91
RI/FS	5-Oct-91	416.0 day	24-Nov-92
RI Field Work	5-Oct-91	98.0 days	11-Jan-92
Site Recon	5-Oct-91	7.0 days	12-Oct-91
Site Clearing	12-Oct-91	14.0 days	26-Oct-91
Soil Gas Sampling	12-Oct-91	14.0 days	26-Oct-91
In-situ GW Sampling	12-Oct-91	14.0 days	26-Oct-91
EM Survey	26-Oct-91	14.0 days	9-Nov-91
Surface Soil Sampling	9-Nov-91	7.0 days	16-Nov-91
Shallow Soil Borings	26-Oct-91	21.0 days	16-Nov-91
Monitoring Well Inst.	16-Nov-91	49.0 days	4-Jan-92
GW Sampling/Levels	21-Dec-91	21.0 days	11-Jan-92
Aquifer testing	21-Dec-91	21.0 days	11-Jan-92
SW/Sed. Sampling	16-Nov-91	7.0 days	23-Nov-91
SW Flow Measurement	16-Nov-91	7.0 days	23-Nov-91
Location Survey	28-Dec-91	14.0 days	11-Jan-92
Data Assessment	26-Oct-91	140.0 day	14-Mar-92
Lab Analysis	26-Oct-91	105.0 day	8-Feb-92
Data Validation	16-Nov-91	91.0 days	15-Feb-92
Data Evaluation	30-Nov-91	91.0 days	29-Feb-92
Baseline Risk Assessm	14-Dec-91	91.0 days	14-Mar-92
Feasibility Study	30-Nov-91	360.0 day	24-Nov-92
Identify ARARs	30-Nov-91	28.0 days	28-Dec-91
Develop Alternatives	30-Nov-91	42.0 days	11-Jan-92
Screen Alternatives	14-Dec-91	70.0 days	22-Feb-92
Analyze Alternatives	22-Feb-92	84.0 days	16-May-92
RA of Alternatives	22-Feb-92	84.0 days	16-May-92
Treatability Studies	14-Dec-91	84.0 days	7-Mar-92
Draft RI/FS Report	14-Mar-92	195.0 day	25-Sep-92
Prepare Draft RI/FS	14-Mar-92	105.0 day	27-Jun-92
EPA/FDER Review	27-Jun-92	45.0 days	11-Aug-92
Respond to Comments	11-Aug-92	45.0 days	25-Sep-92
Draft Final RI/FS Rep	25-Sep-92	60.0 days	24-Nov-92
Prepare Draft Final	25-Sep-92	45.0 days	9-Nov-92
EPA/FDER Review	9-Nov-92	15.0 days	24-Nov-92
Final RI/FS Report	24-Nov-92	0.0	24-Nov-92
Proposed Plan	10-Oct-92	171.0 day	30-Mar-93
Draft	10-Oct-92	66.0 days	15-Dec-92
Prepare Draft Plan	10-Oct-92	30.0 days	9-Nov-92
EPA/FDER Review	9-Nov-92	21.0 days	30-Nov-92
Respond to Comments	30-Nov-92	15.0 days	15-Dec-92
Final	15-Dec-92	105.0 day	30-Mar-93
Prepare Draft Final P	15-Dec-92	15.0 days	30-Dec-92
EPA/FDER Review	30-Dec-92	15.0 days	14-Jan-93

Schedule Name : NAS Cecil Field Site Management Plan
 Responsible : Cliff Casey
 As-of Date : 30-Oct-91 Schedule File : TLA1

Operable Units 1, 2, and 7 - Informal Review Schedule

Final Plan	14-Jan-93	0.0	14-Jan-93
Prepare Public Notice	30-Dec-92	15.0 days	14-Jan-93
Public Comment Period	14-Jan-93	45.0 days	28-Feb-93
Public Meeting	28-Jan-93	1.0 day	29-Jan-93
Responsiveness Summar	28-Feb-93	30.0 days	30-Mar-93
Record of Decision	14-Nov-92	181.0 day	14-May-93
Draft	14-Nov-92	105.0 day	27-Feb-93
Prepare Draft ROD	14-Nov-92	45.0 days	29-Dec-92
EPA/FDER Review	29-Dec-92	30.0 days	28-Jan-93
Respond to Comments	28-Jan-93	30.0 days	27-Feb-93
Final	30-Mar-93	45.0 days	14-May-93
Prepare Draft Final R	30-Mar-93	30.0 days	29-Apr-93
EPA/FDER Review	29-Apr-93	15.0 days	14-May-93
Final ROD	14-May-93	0.0	14-May-93

Schedule Name : NAS Cecil Field Site Management Plan

Responsible : Cliff Casey

As-of Date : 30-Oct-91

Schedule File : TLA922

Operable Units 3, 4, 5, and 6 -- Informal Review Schedule

Task Name	Start Date	Duration	End Date
Work Plan Preparation	2-Jan-91	181.0 day	11-Jul-91
Notice to Proceed	2-Jan-91	1.0 day	3-Jan-91
Revisions	3-Jan-91	45.0 days	26-Feb-91
Agency Review	26-Feb-91	30.0 days	28-Mar-91
Address Comments	28-Mar-91	45.0 days	12-May-91
Prepare Draft Final	12-May-91	45.0 days	26-Jun-91
Final Work Plan	26-Jun-91	15.0 days	11-Jul-91
POA, Negotiation, Award	29-Jun-91	50.0 days	18-Aug-91
RI/FS	18-Aug-91	416.0 day	7-Oct-92
RI Field Work	18-Aug-91	98.0 days	24-Nov-91
Site Recon	18-Aug-91	7.0 days	25-Aug-91
Site Clearing	25-Aug-91	14.0 days	8-Sep-91
Soil Gas Sampling	25-Aug-91	14.0 days	8-Sep-91
In-situ GW Sampling	25-Aug-91	14.0 days	8-Sep-91
EM Survey	8-Sep-91	14.0 days	22-Sep-91
Surface Soil Sampling	22-Sep-91	7.0 days	29-Sep-91
Shallow Soil Borings	8-Sep-91	21.0 days	29-Sep-91
Monitoring Well Inst.	29-Sep-91	49.0 days	17-Nov-91
GW Sampling/Levels	3-Nov-91	21.0 days	24-Nov-91
Aquifer testing	3-Nov-91	21.0 days	24-Nov-91
SW/Sed. Sampling	29-Sep-91	7.0 days	6-Oct-91
SW Flow Measurement	29-Sep-91	7.0 days	6-Oct-91
Location Survey	10-Nov-91	14.0 days	24-Nov-91
Data Assessment	8-Sep-91	140.0 day	26-Jan-92
Lab Analysis	8-Sep-91	105.0 day	22-Dec-91
Data Validation	29-Sep-91	91.0 days	29-Dec-91
Data Evaluation	13-Oct-91	91.0 days	12-Jan-92
Baseline Risk Assessm	27-Oct-91	91.0 days	26-Jan-92
Feasibility Study	13-Oct-91	360.0 day	7-Oct-92
Identify ARARs	13-Oct-91	28.0 days	10-Nov-91
Develop Alternatives	13-Oct-91	42.0 days	24-Nov-91
Screen Alternatives	27-Oct-91	70.0 days	5-Jan-92
Analyze Alternatives	5-Jan-92	84.0 days	29-Mar-92
RA of Alternatives	5-Jan-92	84.0 days	29-Mar-92
Treatability Studies	27-Oct-91	84.0 days	19-Jan-92
Draft RI/FS Report	26-Jan-92	195.0 day	8-Aug-92
Prepare Draft RI/FS	26-Jan-92	105.0 day	10-May-92
EPA/FDER Review	10-May-92	45.0 days	24-Jun-92
Respond to Comments	24-Jun-92	45.0 days	8-Aug-92
Draft Final RI/FS Rep	8-Aug-92	60.0 days	7-Oct-92
Prepare Draft Final	8-Aug-92	45.0 days	22-Sep-92
EPA/FDER Review	22-Sep-92	15.0 days	7-Oct-92
Final RI/FS Report	7-Oct-92	0.0	7-Oct-92
Proposed Plan	23-Aug-92	171.0 day	10-Feb-93

Schedule Name : NAS Cecil Field Site Management Plan
 Responsible : Cliff Casey
 As-of Date : 30-Oct-91 Schedule File : TLA922

Operable Units 3, 4, 5, and 6 - Informal Review Schedule

Draft	23-Aug-92	66.0 days	28-Oct-92
Prepare Draft Plan	23-Aug-92	30.0 days	22-Sep-92
EPA/FDER Review	22-Sep-92	21.0 days	13-Oct-92
Respond to Comments	13-Oct-92	15.0 days	28-Oct-92
Final	28-Oct-92	105.0 day	10-Feb-93
Prepare Draft Final P	28-Oct-92	15.0 days	12-Nov-92
EPA/FDER Review	12-Nov-92	15.0 days	27-Nov-92
Final Plan	27-Nov-92	0.0	27-Nov-92
Prepare Public Notice	12-Nov-92	15.0 days	27-Nov-92
Public Comment Period	27-Nov-92	45.0 days	11-Jan-93
Public Meeting	11-Dec-92	1.0 day	12-Dec-92
Responsiveness Summar	11-Jan-93	30.0 days	10-Feb-93
Record of Decision	27-Sep-92	181.0 day	27-Mar-93
Draft	27-Sep-92	105.0 day	10-Jan-93
Prepare Draft ROD	27-Sep-92	45.0 days	11-Nov-92
EPA/FDER Review	11-Nov-92	30.0 days	11-Dec-92
Respond to Comments	11-Dec-92	30.0 days	10-Jan-93
Final	10-Feb-93	45.0 days	27-Mar-93
Prepare Draft Final R	10-Feb-93	30.0 days	12-Mar-93
EPA/FDER Review	12-Mar-93	15.0 days	27-Mar-93
Final ROD	27-Mar-93	0.0	27-Mar-93

REVIEW AND COMMENTS ON DRAFT
SITE MANAGEMENT PLAN
DATED August 28, 1991

Cecil Field Naval Air Station, Florida

The subject document has been reviewed and I offer the following comments:

1. Section IV. OPERABLE UNITS - The groundwater operable unit has not been added as required in EPA's approval letter dated June 24, 1991 for the first Site Management Plan for this site.
2. Section V. SCHEDULE - Under "Investigative Set 1" there is a subheading titled "1992 Primary Deliverables" and "1992 Projected Primary Deliverables". Respectively these list 7 July 1992 and 14 June 1992 as the transmittal date for the Draft RI/FS Report. Which is correct?
3. Section V. SCHEDULE - "Investigative Set 2" - Why are these plans scheduled for February 1992? The Work Plans for Operable Units 1, 2 and 7 were approved August 23, 1991. It seems these drafts could be submitted earlier than this schedule currently forecasts. In the detailed schedule "Work Plan Preparation" is not scheduled to begin until January 2, 1992. Why delay? The comments supplied by EPA and FDER for the Operable Unit 1, 2 and 7 Work Plans can be used to modify the existing plans for OUs 3, 4, 5 and 6. This would help to narrow the gap (a year) between the two investigative sets.

Review and Comments of Expedited Site Management Schedule
for NAS Cecil Field
Dated August 28, 1991

1. Operable Units 1, 2, and 7 - This schedule is two months later than the schedule originally agreed upon. The 181 days for Record of Decision preparation is excessive and unnecessary. This schedule should be revised to reflect the RI/FS and ROD processes more accurately.

2. Operable Units 3, 4, 5, and 6 - Is this schedule accurate? According to the schedule enclosed here, these operable units will reach the Record of Decision two months prior to those started in August 1991 (Work Plans approved). In addition, this schedule anticipates a final Work Plan by July 11, 1991. Since this did not occur, the schedule must be revised.