2297 6000-710.1

Fernald Environmental Management Project

RI/FS Schedules Supporting the Revised Consent Agreement

September 1991

Schedules, Detailed Precedence Analyses, and Activity Description Libraries

2297 G000-710.13

Fernald Environmental Management Project

RI/FS Schedules Supporting the Revised Consent Agreement

September 1991

Schedules, Detailed Precedence Analyses, and Activity Description Libraries

Fernald Environmental Management Project

RI/FS Schedules Supporting the Revised Consent Agreement

September 1991

- *Index*
- *Summary*
- *Schedule Logic Diagrams*
- *Global Activities*
- *Operable Units 1 - 5*

2297

Index

INDEX

Transmittal Letter

Section 1 Index

Section 2 Summary

Section 3 Schedule Logic Diagrams

Section 4 Global Activities

Sub-Sections:

Preliminary Site Characterization Report

Engineered Waste Management Facility

Section 1 Operable Unit 1

Sub-Sections:

Schedules

Detailed Precedence Analysis

Activity Description Library

Section 2 Operable Unit 2

Sub-Sections:

Schedules

Detailed Precedence Analysis

Activity Description Library

Section 3 Operable Unit 3

Sub-Sections:

Schedules

Detailed Precedence Analysis

Activity Description Library

Section 4 Operable Unit 4

Sub-Sections:

Schedules

Detailed Precedence Analysis

Activity Description Library

Section 5 Operable Unit 5

Sub-Sections:

Schedules

Detailed Precedence Analysis

Activity Description Library

Summary

SUMMARY

Over the past three months, representatives of the U.S. EPA - Region 5, Ohio EPA, U.S. DOE, and their contractors have participated in discussions aimed at revision of the schedule for FEMP RI/FS deliverables under the 1990 Consent Agreement. This document was prepared to represent the status of these discussions as of August 13, 1991 and represents DOE's understanding of the agreement-in-principle reached on schedule issues as of that date. This one-volume document includes updates of information that replaces all previously issued schedule information.

The summary section of this document contains general overview information. The conceptual logic underlying the FEMP RI/FS process is illustrated in Figure 1 and reflects a CERCLA operable unit strategy coupled with an integrated approach to NEPA compliance. Figure 2 provides the definition of the operable units used in the preparation of this document, and reflects the modifications agreed to in the amended Consent Agreement. Figure 3 contains the completion dates for achieving the major milestones developed in the amended Consent Agreement.

A number of key issues were identified in the prior transmittal (June 1991). While these issues were discussed during the negotiations and the results of these discussions are reflected in the revised schedule, these issues still may have considerable schedule impact on both the remedy selection and implementation processes. Attachment 1 to this summary section contains an abstract for each of the issues, along with the relevant assumptions utilized in schedule development. Rationale and a revised impact analysis for each issue are also provided.

Following the summary information, time-logic diagrams for all of the operable units, the Engineered Waste Management Facility, and Preliminary Site Characterization Report are included. Level III and Level IV schedule bar charts, a detailed precedence analysis and a Level III activity description library are provided for the Engineered Waste Management Facility, Preliminary Site Characterization Report, and each of the operable units.

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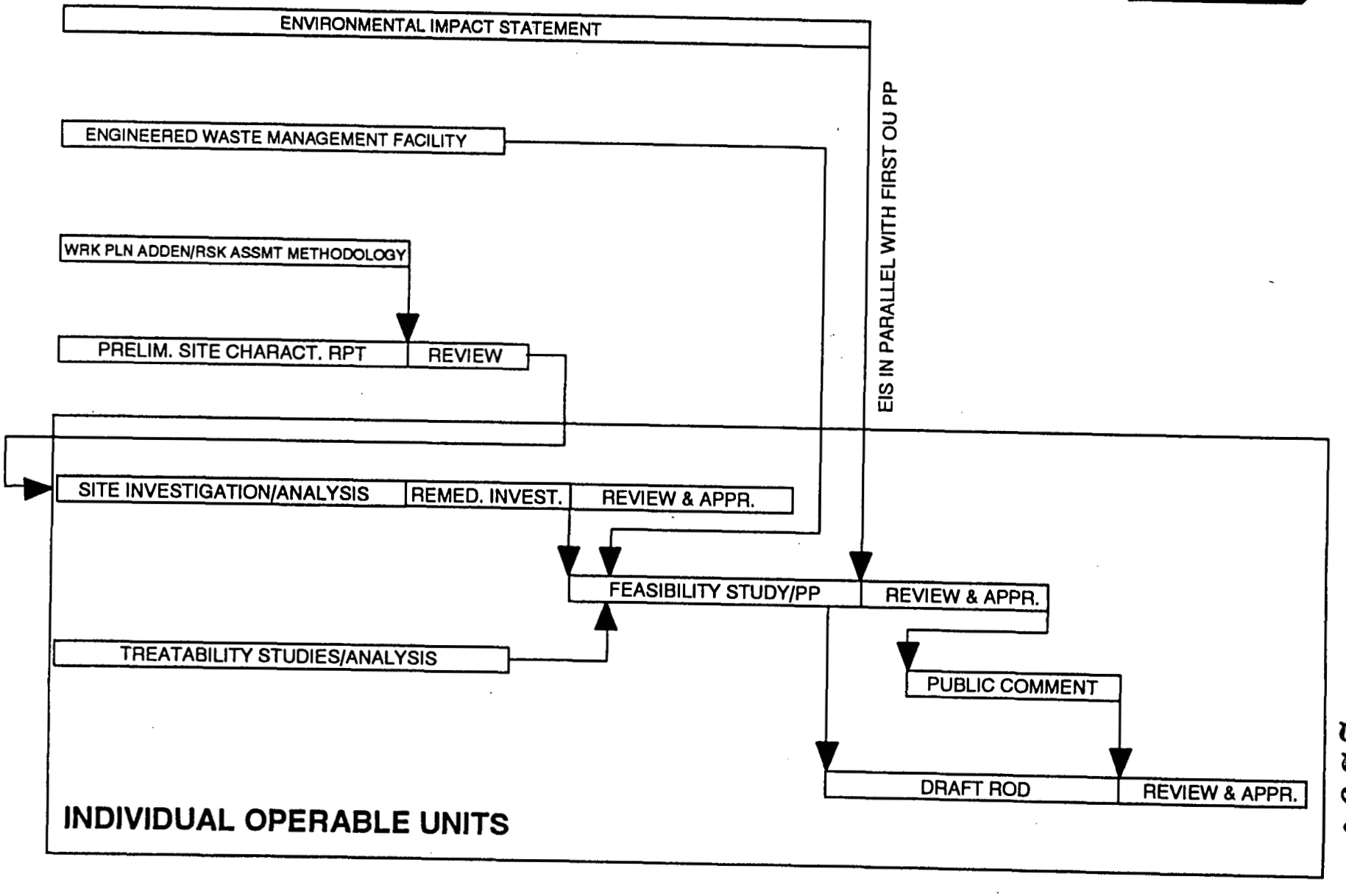
Engineered Waste Management Facility

DRAFT RI/FS CONCEPTUAL FLOW

FIGURE 1

FSO



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OPERABLE UNIT CONCEPT DEFINITION CHANGES*

FSO

- **Operable Unit 1**

  Waste Pits 1-6, clearwell, burn pit, berms, liners, and soil within the OU boundary as approved in the RI/FS Work Plan Addendum

- **Operable Unit 2**

  Flyash piles, other south field disposal areas, lime sludge ponds, solid waste landfill, berms, liners, and soil within the OU boundary as approved in the RI/FS Work Plan Addendum

- **Operable Unit 3**

  Production Area and production-associated facilities and equipment (includes all above and below grade improvements), including, but not limited to, all structures, equipment, utilities, drums, tanks, solid waste, waste, product, thorium, effluent lines, K-65 transfer line, wastewater treatment facilities, fire training facilities, scrap metal piles, feedstocks, and coal pile

*Note: Underlined text represents "new" definition

FIGURE 2

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OPERABLE UNIT CONCEPT DEFINITION CHANGES*

FSO

- **Operable Unit 4**

  Silos 1, 2, 3, and 4, berms, decant tank system, and soil within the OU boundary as approved in the RI/FS Work Plan Addendum

- **Operable Unit 5**

  Groundwater, surface water, soil not included in the definitions of operable units #1-4, sediments, flora, and fauna

- **Comprehensive Site-Wide Operable Unit**

  An evaluation of remedies selected for Operable Units 1-5 above (including remedial and removal response actions) to ensure that they are protective of human health and the environment on a site-wide basis

*Note: Underlined text represents "new" definition

FIGURE 2 (Concluded)

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PROPOSED CONSENT AGREEMENT
RI/FS SCHEDULE

CONSENT AGREEMENT MILESTONE	OU1	OU2	OU3	OU4	OU5
Initial Screening of Alternatives	Jan 4, 1991 (A)	Apr 18, 1991 (A)	Mar 28, 1995	Oct 31, 1990 (A)	Apr 16, 1993
RI Report Submittal	Oct 12, 1993	Oct 19, 1992	Mar 13, 1996	Apr 19, 1993	Jun 24, 1994
FS/PP Submittal	Mar 7, 1994	Mar 15, 1993	Aug 7, 1996	Sep 10, 1993	Nov 16, 1994
Proposed Draft ROD Submittal	Dec 6, 1994	Dec 10, 1993	May 2, 1997	Jun 10, 1994	Aug 2, 1995

JR69192.ds3

- OU3 Workplan Addendum - Jun 2, 1992
- Prelim. Site Characterization Report - Aug 5, 1992
- Risk Assessment Workplan Addendum - Oct 15, 1991
- OU5 Treatability Workplan - Apr 17, 1992

(A) - Actual delivery date

FIGURE 3

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ATTACHMENT 1

KEY ASSUMPTIONS

ISSUE:

The lack of identified off-site disposal capacity and the uncertainty of the acceptability of on-site disposal precludes the realistic evaluation of implementability of all Operable Unit remedies. The State of Ohio has raised concerns over constructing an on-site disposal facility over a sole-source aquifer. In addition, off-site disposal facilities are not identified to accept the estimated quantity of waste expected to be generated (approximately 2 million cubic yards) through remediation. Informal discussions have been initiated with the State of Ohio to determine the feasibility of siting a disposal facility at the FEMP.

ASSUMPTION:

The Operable Unit decision documents win continue to evaluate the on-site and off-site disposal alternatives in conjunction with on-site interim storage. An off-site disposal location has not been identified, therefore, the RI/FS will evaluate alternatives assuming a generic western disposal site. The RI/FS schedules do not include a siting investigation to support the identification of an off-site disposal facility. Off-site disposal may necessitate interim storage on-site for at least the amount of time needed to site or select a new disposal facility. This siting and/or selection process will be conducted outside of the current RI/FS. If the off-site option is selected, the State of Ohio and, if applicable, the respective state containing the proposed disposal site will be involved in the siting process.

RATIONALE:

The alternatives being considered in the RI/FS are appropriate for the Comprehensive Environmental Response, Compensation and Liability Act (CERCLA) remedy process. Because the CERCLA process does not provide for the siting of off-site disposal facilities, the Department of Energy will proceed in parallel with the CERCLA process in identifying existing off-site capacity or the selection of a new disposal facility.

SCHEDULE IMPACT:

The assumption provides for the completion of the RI/FS process in support of Records of Decision. Implementation of selected remedies could experience significant delays if the off-site disposal alternative is selected without having the specific off-site disposal facility identified.

ATTACHMENT 1

KEY ASSUMPTIONS

ISSUE:

DOE must address requirements of the National Environmental Policy Act (NEPA) in its proposed remedial actions at the FEMP. Although DOE is committed to integrating these requirements so as not to affect the RI/FS schedules, the potential exists for disconnects and/or conflicts which could adversely affect the RI/FS schedules or the implementation of remedial actions outlined in the RODs.

ASSUMPTION:

DOE will adopt the approach that the Feasibility Study (FS) generated for the first Operable Unit issuing a ROD will be supplemented as necessary to also function as an Environmental Impact Statement (EIS), or be an FS-EIS. There will be a concurrent review of the Proposed Plan and FS-EIS by the public. Subsequent Operable Unit FS and remedy selection documents will be addressed in a similar manner (FS-EIS) or the FS will serve as the basis for a Finding of No Significant Impact (FONSI). The cumulative risk of storing or disposing of all the waste on-site will be addressed in the first FS and be the basis for the EIS. However, major removal actions (i.e., one which may affect or amount to the final remedy) may be delayed until after the issuance of the first EIS ROD. If such a removal action were contemplated, a separate EIS may be needed, causing a potential schedule delay. Issuance and approval of the EIS Implementation Plan is assumed to not adversely affect the schedule.

RATIONALE:

The Department of Energy is required to comply with the NEPA provisions requiring the environmental assessment of major federal actions.

The assumption of integrating the FS with the EIS for the first Operable Unit ROD will allow DOE to meet the requirements of NEPA with no anticipated impact to the RI/FS schedules.

SCHEDULE IMPACT:

By integrating the FS and the EIS there is no foreseen schedule impact. If the FS and the EIS were not integrated the approval of remedy selection documents and the implementation of the CERCLA RODs could be adversely impacted due to the lack of a NEPA/EIS decision.

ATTACHMENT I

KEY ASSUMPTIONS

ISSUE:

RI/FS site characterization data has been collected under progressive changes to the RI/FS Quality Assurance Project Plan (QAPP). Many of these changes have not received U. S. EPA approval. Disapproval of submitted addenda to the QAPP could require additional field characterization which is not included in the present RI/FS schedules and could require schedule extensions. The availability or lack of capacity of the laboratories in the current QAPP could impact the schedules.

ASSUMPTIONS:

DOE will proceed with identified and approved site characterization consistent with submitted addenda to the QAPP. If a recollection of data is required, schedule extensions will be requested consistent with the CERCLA Consent Agreement language. For scheduling purposes, a six-month laboratory turnaround time for radiochemical analysis has been assumed.

RATIONALE:

The QAPP addenda submitted do not alter the data quality objectives of the site characterization data and allow the maximum use of data previously collected. DOE will continue efforts to identify radiochemical laboratory capacity. Upon identification of new laboratories DOE will request modifications to the QAPP. The six-month turnaround time for radiochemical analysis is based on previous RI/FS project experience and the uncertainties concerning the lack of laboratory capacity on a national basis.

SCHEDULE IMPACT:

Schedules are based on acceptability of RI/FS data collected under QAPP revisions not yet approved by U. S. EPA. Rejections of significant data, which require additional sampling and analysis would impact RI/FS schedules.

ATTACHMENT 1

KEY ASSUMPTIONS

ISSUE:

The disposal of K-65 silo residues requires compliance with all applicable or relevant and appropriate requirements (ARARS) or to-be-considered (TBC) requirements identified during the RI/FS process. EPA has stated that 40 CFR 191 is a relevant and appropriate requirement for the storage and disposal of these wastes at the FEMP. DOE disagrees that this is an ARAR or TBC for the storage and disposal of K-65 silo wastes. This issue affects primarily on-site storage and disposal options and results in handling these materials as high-level or transuranic wastes. EPA's treatment of these materials as similar to high-level or transuranic wastes for purposes of protecting human health and the environment may preclude both on-site and off-site storage and disposal options.

ASSUMPTIONS:

DOE will develop remedial alternatives for the K-65 wastes that meet the requirements of 40 CFR 192, 10 CFR 61 (added intrusion protection), applicable DOE Orders, and the protectiveness requirements outlined in the National Contingency Plan (NCP), in lieu of the requirements of 40 CFR 191. This will allow greater containment of the K-65 silo wastes, will not preclude on-site storage or off-site disposal, and will not impact the proposed RI/FS schedules. The current schedules assume this issue will be resolved in a time frame so as not to impact completion of the detailed analysis of alternatives for Operable Unit 4.

RATIONALE:

The 40 CFR 191 standards did not address radon-emitting substances and specifically omitted radium from the regulations for this reason. The application of 40 CFR 192, with additional containment for the K-65 residues, would be protective of human health and not preclude consideration of on-site storage and disposal options.

SCHEDULE IMPACT:

If the 40 CFR 191 issue is not resolved prior to completion of the detailed analysis of alternatives, the schedule could be impacted due to the need for evaluating additional alternatives that meet 40 CFR 191 requirements.

ATTACHMENT I

KEY ASSUMPTIONS

ISSUE:

Performance of treatability studies for all proposed Operable Unit alternatives has significant impact on the schedule for submittal of the FS reports. The level of treatability that is required for remedy selection, as outlined in existing EPA guidance, is open to broad interpretation.

ASSUMPTION:

DOE will assume that the ROD will define performance requirements for waste disposal and that the specific waste form will be determined in the Remedial Design phase. Treatability studies for remedy selection will be limited to that required to provide a reasonable assurance that treatment technologies can achieve the identified performance based requirements.

RATIONALE:

This approach to the treatability studies will afford schedule duration savings in addition to providing sufficient information to support the ROD. It also allows flexibility in proceeding with a ROD and then focusing on specific technologies through continued treatability studies during the Remedial Design phase.

SCHEDULE IMPACT:

If additional treatability studies are required over and above those contemplated in the remedy selection process, there would be significant schedule impacts.

ATTACHMENT 1

KEY ASSUMPTIONS

ISSUE:

Scoping for Operable Unit 3 is in a developmental stage and, therefore, considerable uncertainty exists in defining the required site characterization activities and treatability analyses. The schedules produced for future deliverables in Operable Unit 3 without completion of scoping activities and work plan addenda development are subject to a high degree of uncertainty.

ASSUMPTION:

DOE will provide a proposed schedule commitment through submission of the draft final ROD. After submission of work plan addenda to EPA, DOE will identify any schedule modifications that may arise due to finalizing the field characterization program.

RATIONALE:

The OU3 scoping activities will provide a major input to the Sampling and Analysis Plan (SAP). The SAP will definitize the field characterization program schedule. Until completion of these activities, it is not in the best interest of DOE and U.S. EPA to commit to unchangeable deliverable dates.

SCHEDULE IMPACT:

The field characterization program is currently estimated to require approximately 29 months to complete and is on the critical path for the OU3 schedule. If completion of the SAP and approval of the OU3 Work Plan Addendum by U.S. EPA identifies a different field program duration, there could be a schedule impact on subsequent activities.

ATTACHMENT 1

KEY ASSUMPTIONS

2297

ISSUE:

In order to provide for the cost effective implementation of clean-up actions at the FEMP, it is appropriate to integrate the requirements of CERCLA, Resource Conservation and Recovery Act (RCRA), the proposed Amended Consent Decree with the State of Ohio, and the CERCLA Consent Agreement. The State of Ohio has been delegated authorization for regulatory oversight of existing hazardous waste inventories and hazardous waste management units at the FEMP. The inventories and units are also within the scope of the Operable Units as defined by the CERCLA Consent Agreement. Because the State is not a party to the Consent Agreement, inconsistent decisions or direction could result regarding site clean-up activities.

ASSUMPTIONS:

DOE will proceed with management operations of the backlog waste materials at the site in accordance with the proposed Amended Consent Decree, providing supplemental documentation to meet CERCLA requirements. This will allow the existing program to continue and maintain the State of Ohio in the lead oversight role for RCRA compliance at the site and satisfy CERCLA requirements. RCRA closure activities would be addressed, to the extent practicable, through the CERCLA process and reference the CERCLA Consent Agreement. Ongoing characterization will be designed to support the portion of the RCRA closure process which has been integrated with the RI/FS decision process.

RATIONALE:

The CERCLA regulations allow an action to proceed after a Preliminary Assessment and Site Investigation if the action will be addressed under a separate authority. In this situation, the proposed Amended Consent Decree affords the appropriate authority to proceed with the disposition of the backlog wastes. Documentation will be provided to the Administrative Record to meet CERCLA requirements.

SCHEDULE IMPACT:

Conflicts resulting from DOE efforts to integrate the requirements of the CERCLA Consent Agreement and the proposed Amended Consent Decree with the State of Ohio could impact the schedules.

ATTACHMENT 1

KEY ASSUMPTIONS

ISSUE:

The Operable Unit Concept, as recommended by the NCP, has been adopted for the RI/FS. U.S. EPA guidance on the application of the Operable Unit approach is generally lacking and/or unavailable. The apportionment of available residual risk using the Operable Unit approach has been the subject of considerable discussion in Consent Agreement negotiations and remains unresolved.
Additionally, U.S. EPA guidance on the development of remedial action goals for the FS is unavailable.

ASSUMPTIONS:

DOE will complete, as part of the FS for each Operable Unit (OU), a Cumulative Risk Assessment. This Cumulative Risk Assessment will evaluate the risk associated with each proposed alternative and factor in the cumulative risk associated with the other OUs. The cumulative risk contribution from the other OUs will be based upon the selected, or leading candidate alternatives. Following the last OU ROD, a Comprehensive Sitewide RI/Risk Assessment will be completed to assess whether the cumulative residual risk associated with the selected remedies for each OU are protective of human health and the environment on a sitewide basis. If the remedies are deemed not protective, a Sitewide FS will be completed to determine what additional measures or changes to the OU remedies are required.

To account for the lack of guidance on the development of remedial action goals, a Work Plan Addendum will be forwarded to U.S. EPA for approval to establish the methodology DOE will employ to develop the remedial goals.

RATIONALE:

In order to ensure that the selected OU alternatives are reasonable and protective of human health and environment, a progressive evaluation of the distribution of available residual risk is required in the FS reports. This can only be completed in an iterative manner using data available at the time of completion and leading candidate alternatives for the other OUs. An assessment would be inquired following the last OU ROD to ensure the selected alternatives are protective of human health and environment on a sitewide basis.

An addendum to the RI/FS Work Plan to document the approach DOE will take to establish remedial goals will minimize potential rework during the review and approval process for the OU FSs.

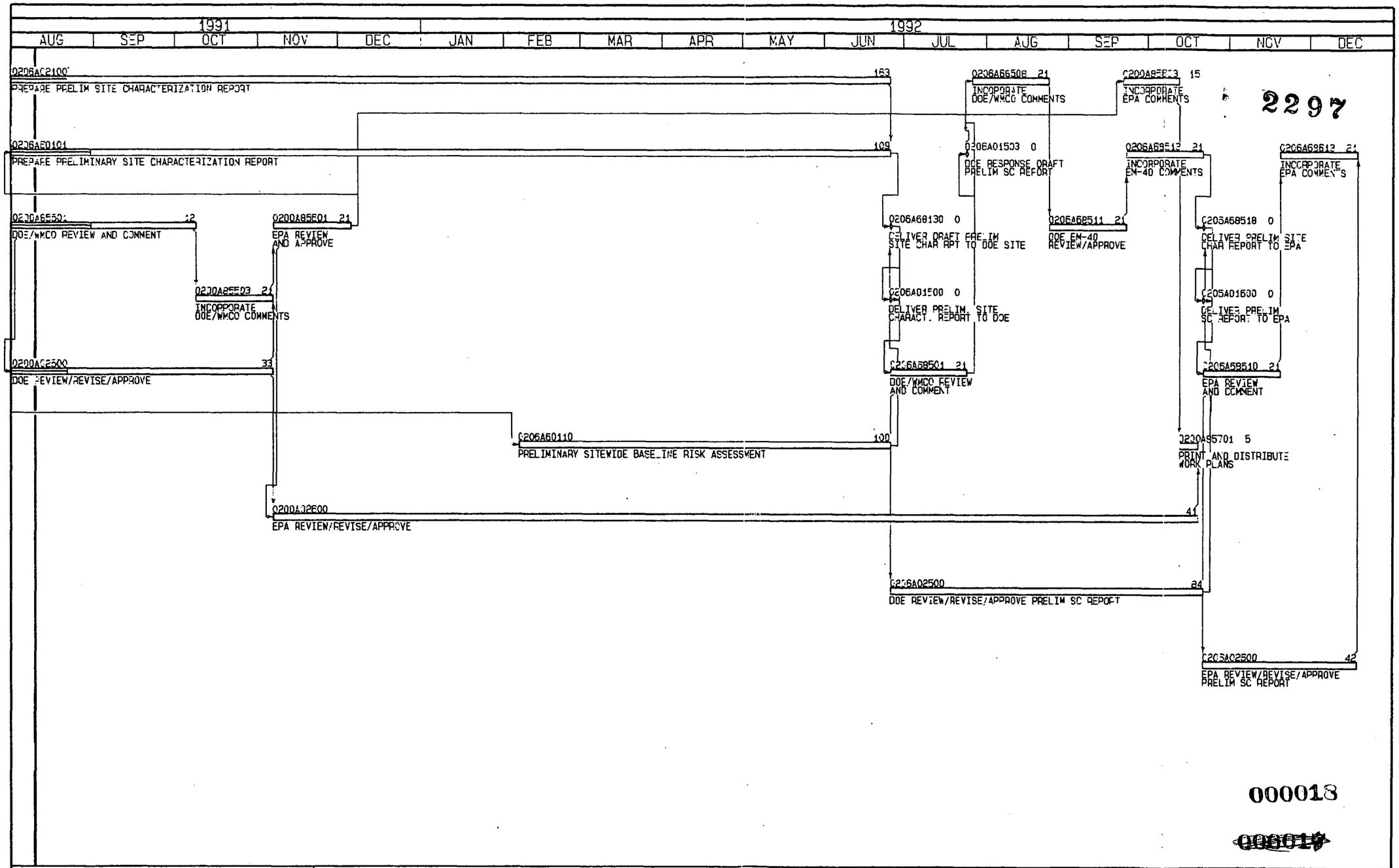
SCHEDULE IMPACT:

The schedule for the OU FS report has included the development of cumulative risk assessments. The schedule for the RI/FS was also extended to provide for the Comprehensive Sitewide RI/Risk Assessment following the last OU ROD.

ATTACHMENT 1

KEY ASSUMPTIONS

The schedule for the preparation of the OU FS reports could be delayed in the event the Work Plan Addendum is not approved in a timely manner or is the subject of dispute.



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Primavera Systems, Inc. 1984-1990

RI/FS PROJECT SCHEDULES
FERNALD ENVIRONMENTAL MGMT. PROJECT
PRELIMINARY SITE CHARACTERIZATION

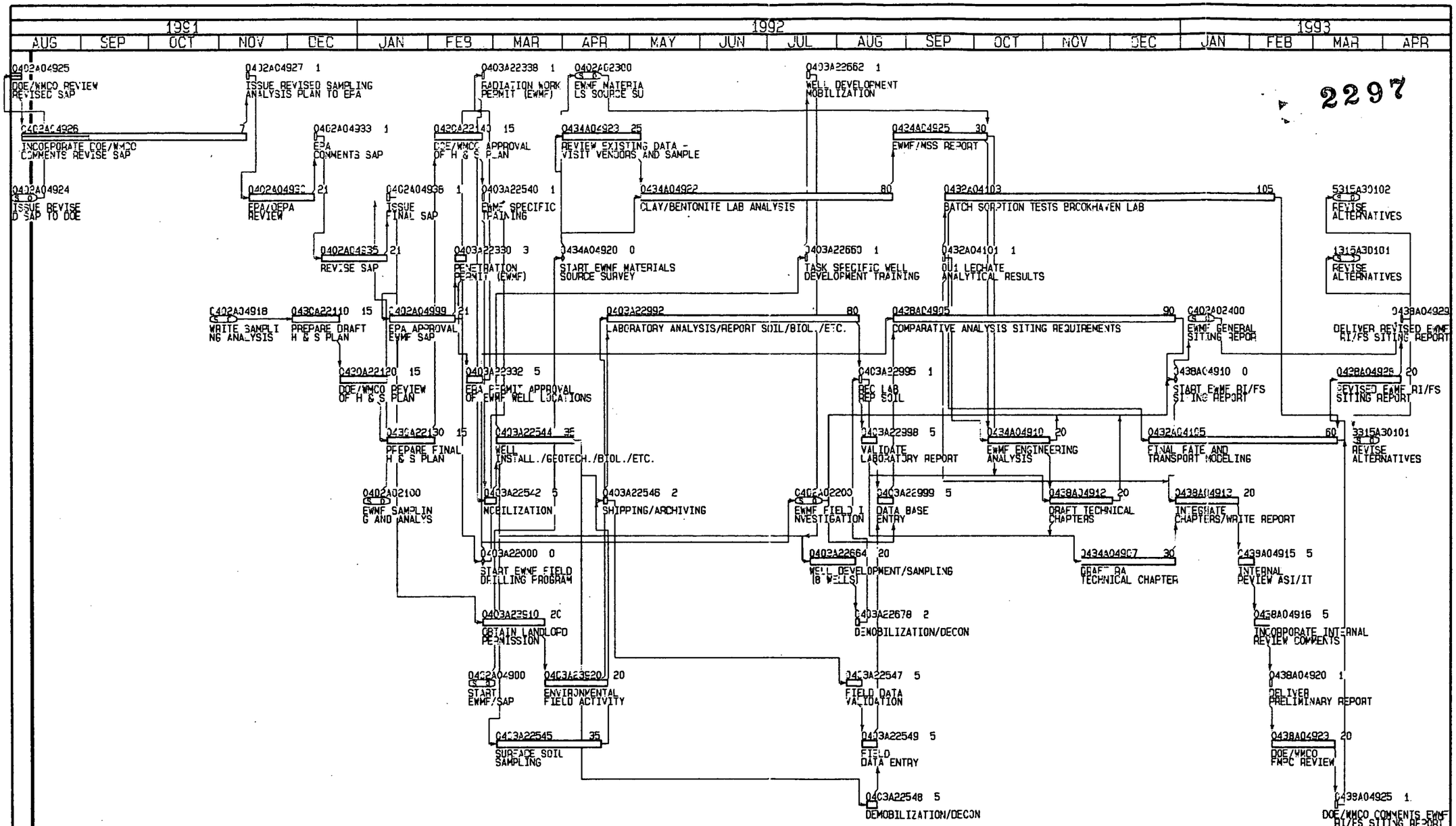
Project Start : 31OCT90
Project Finish: 4MAY01

Sheet 1 of 1

Data Date: 10AUG91
Plot Date: 12SEP91

Prepared by ASI/IT Corp.

Date	Revision	Checked	Approved



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RI/FS PROJECT SCHEDULES
FERNALD ENVIRONMENTAL MGMT. PROJECT
ENGINEERED WASTE MANAGEMENT FACILITY

Sheet 1 of 1

Project Start : 31OCT90
Project Finish: 4MAY01

Data Date: 10AUG91
Plot Date: 12SEP91

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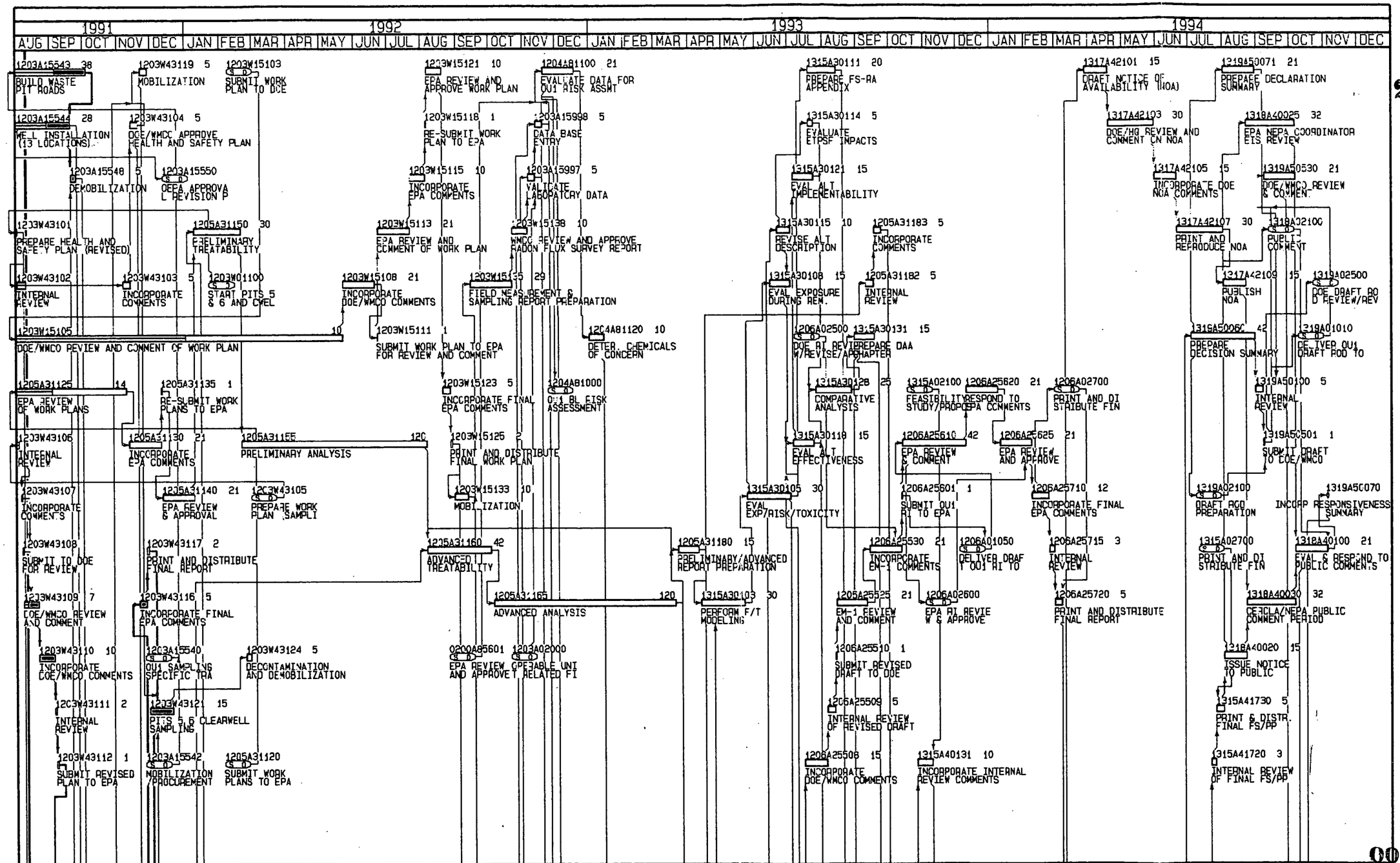

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RI/FS PROJECT SCHEDULES
FERNALD ENVIRONMENTAL MGMT. PROJECT
TIME-SCALED LOGIC OU 1

Sheet 1 of 2

Project Start : 31OCT90
Project Finish: 4MAY01

Data Date: 10AUG91
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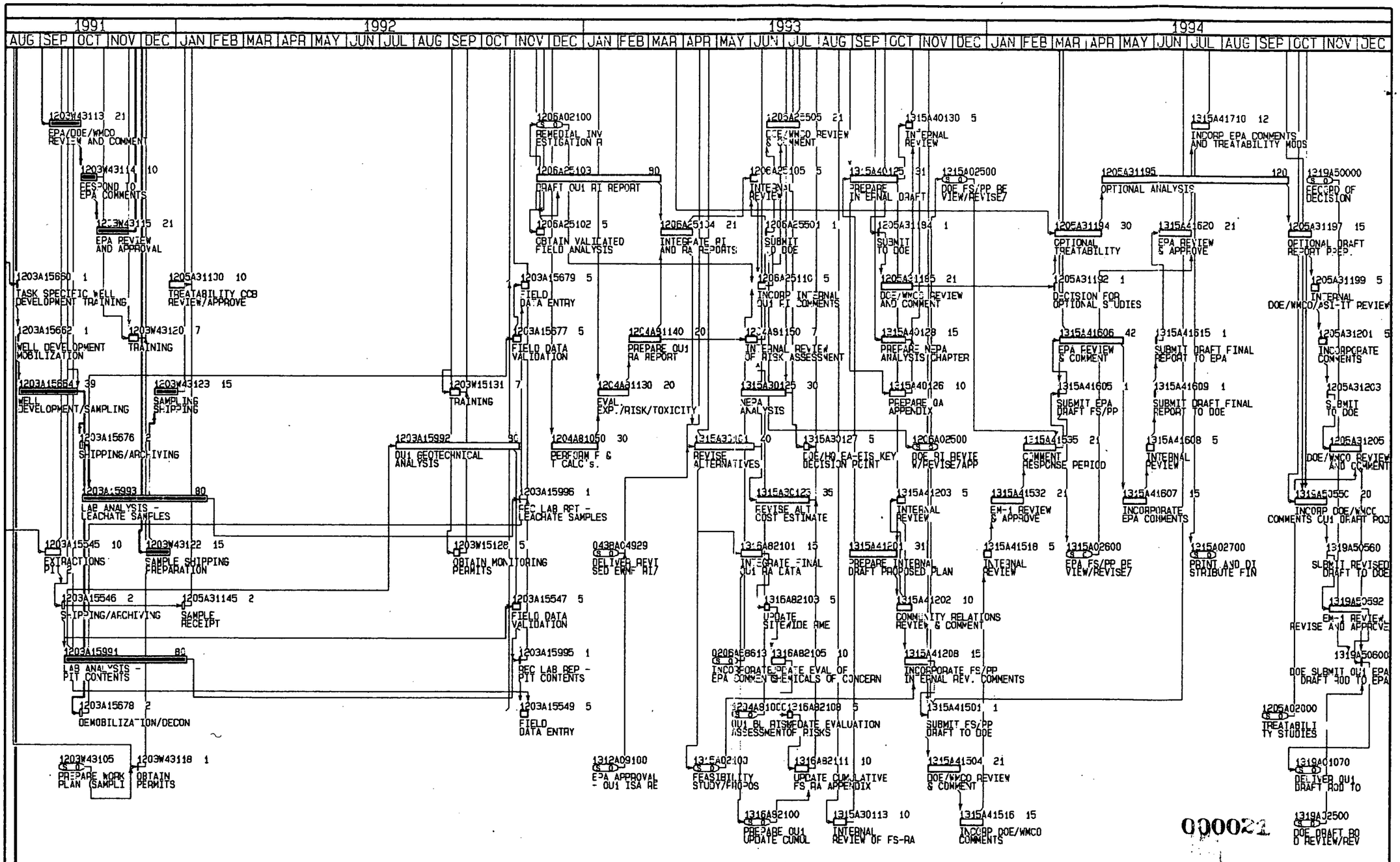

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RI/FS PROJECT SCHEDULES
FERNALD ENVIRONMENTAL MGMT. PROJECT
TIME-SCALED LOGIC OU 1

Sheet 2 of 2

Project Start : 31OCT90
Project Finish: 4MAY01

Data Date: 10AUG91
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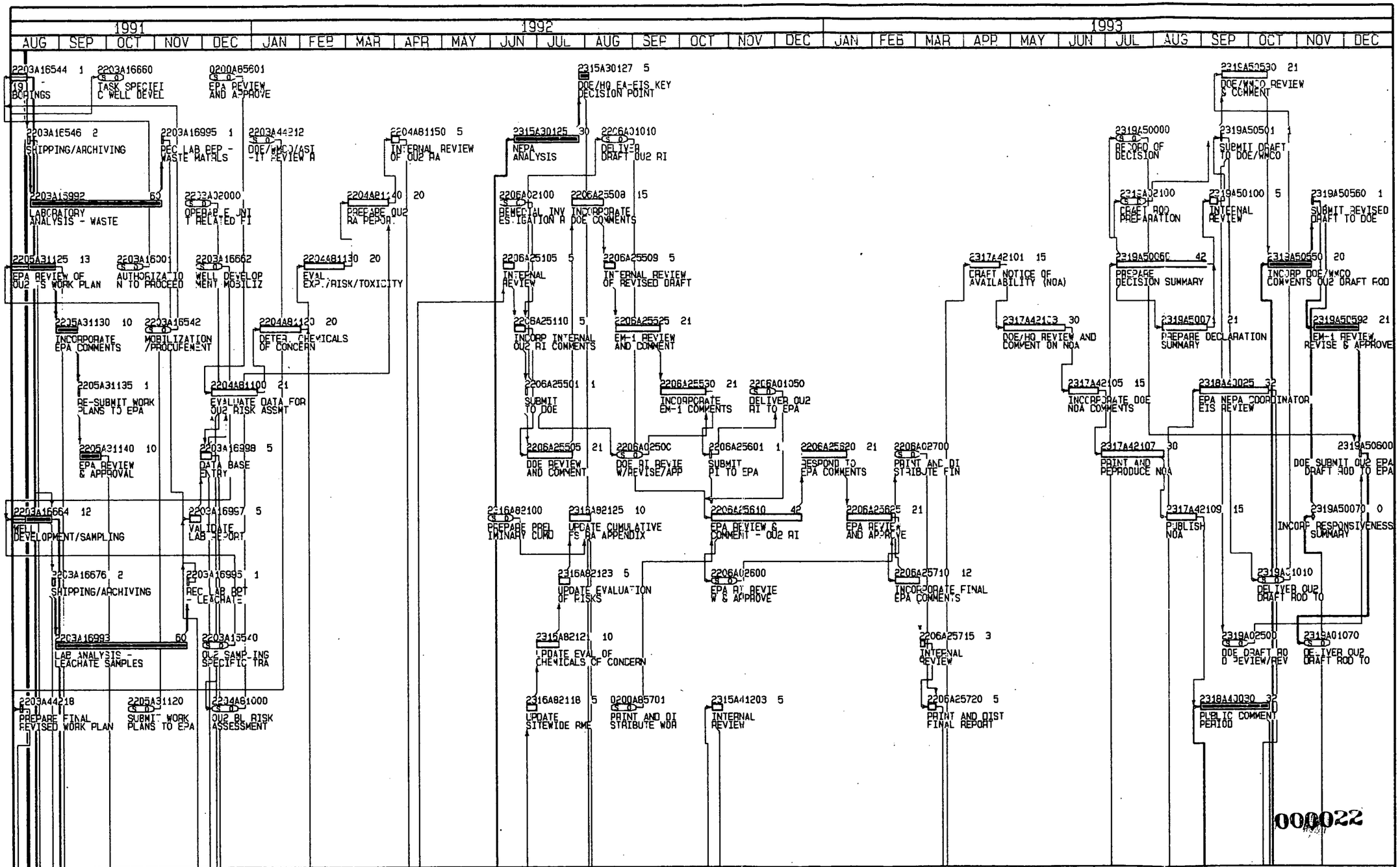

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RI/FS PROJECT SCHEDULES
FERNALD ENVIRONMENTAL MGMT. PROJECT
TIME-SCALED LOGIC OU 2

Sheet 1 of 3

Project Start : 31OCT90
Project Finish: 4MAY01

Data Date: 10AUG91
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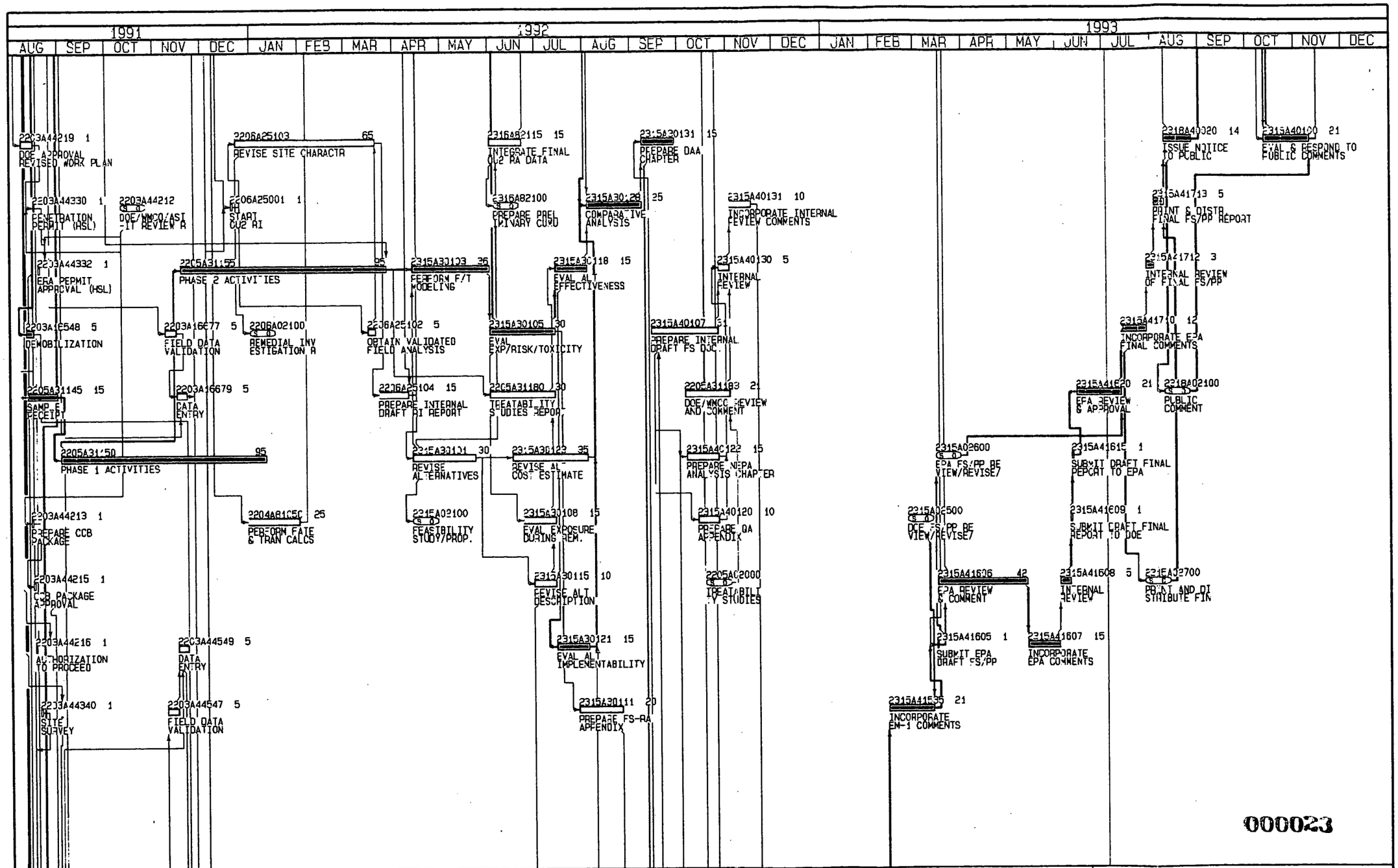

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Primavera Systems, Inc. 1984-1990

RI/FS PROJECT SCHEDULES
FERNALD ENVIRONMENTAL MGMT. PROJECT
TIME-SCALED LOGIC OU 2

Sheet 2 of 3

Project Start : 31OCT90
Project Finish: 4MAY01

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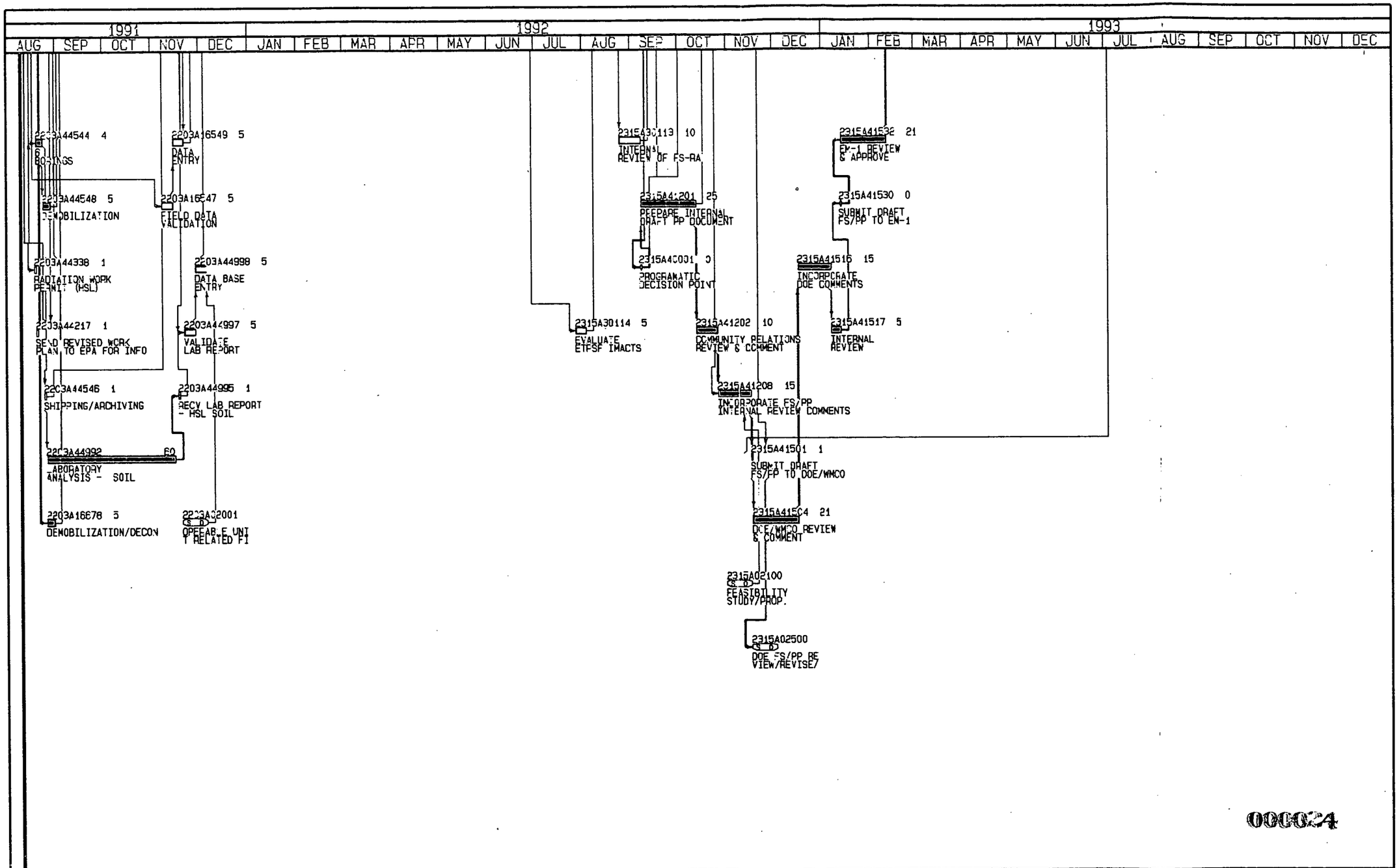

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Primavera Systems, Inc. 1984-1990

RI/FS PROJECT SCHEDULES
FERNALD ENVIRONMENTAL MGMT. PROJECT
TIME-SCALED LOGIC OU 2

Sheet 3 of 3

Project Start : 31OCT90
Project Finish: 4MAY01

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Plot Date: 12SEP91

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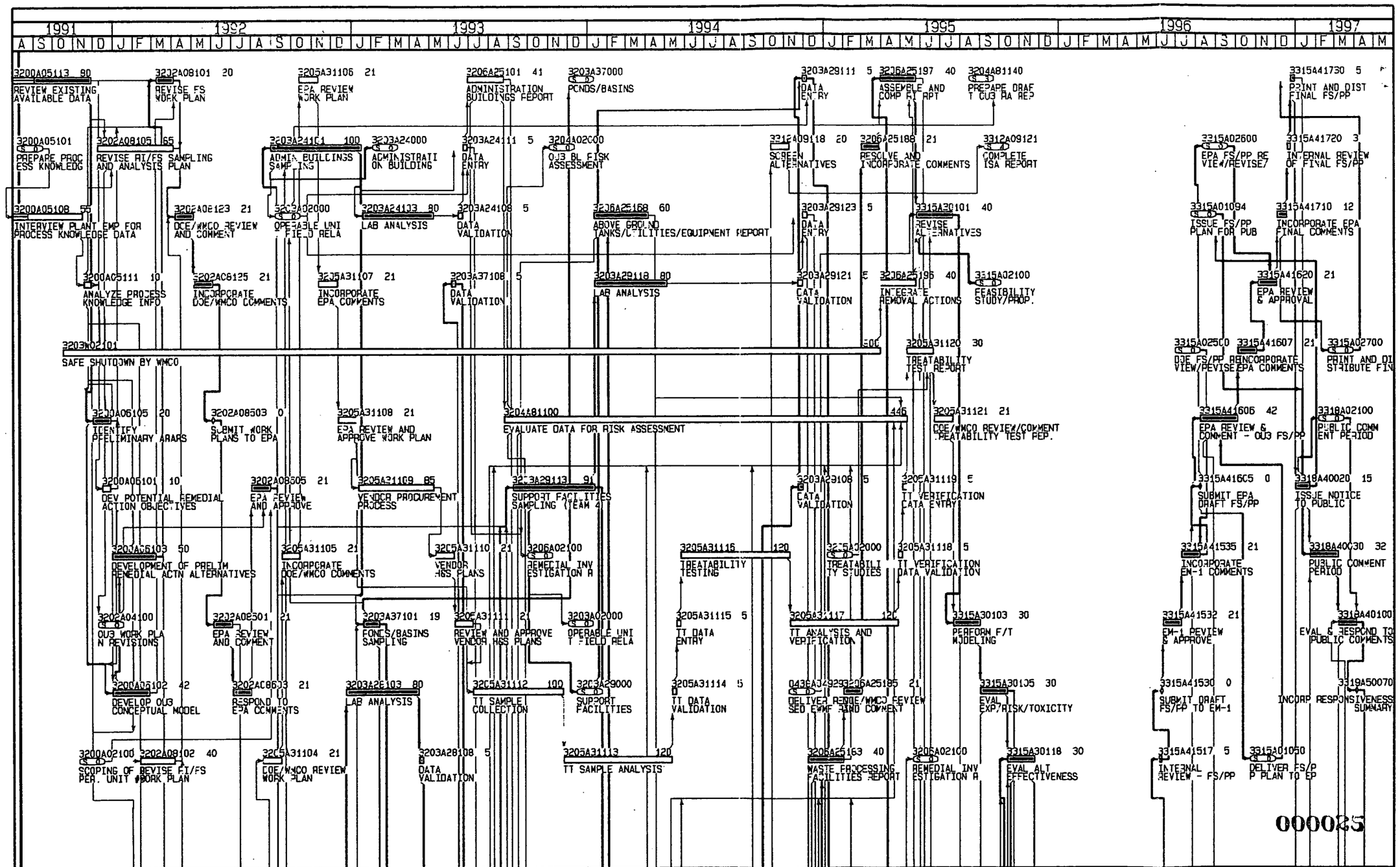
Date	Revision	Checked	Approved

2297



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Primavera Systems, Inc. 1984-1990

RI/FS PROJECT SCHEDULES
FERNALD ENVIRONMENTAL MGMT. PROJECT
TIME-SCALED LOGIC OU 3

Sheet 1 of 5

Project Start : 31OCT90
Project Finish: 4MAY01

Data Date: 10AUG91
Plot Date: 12SEP91

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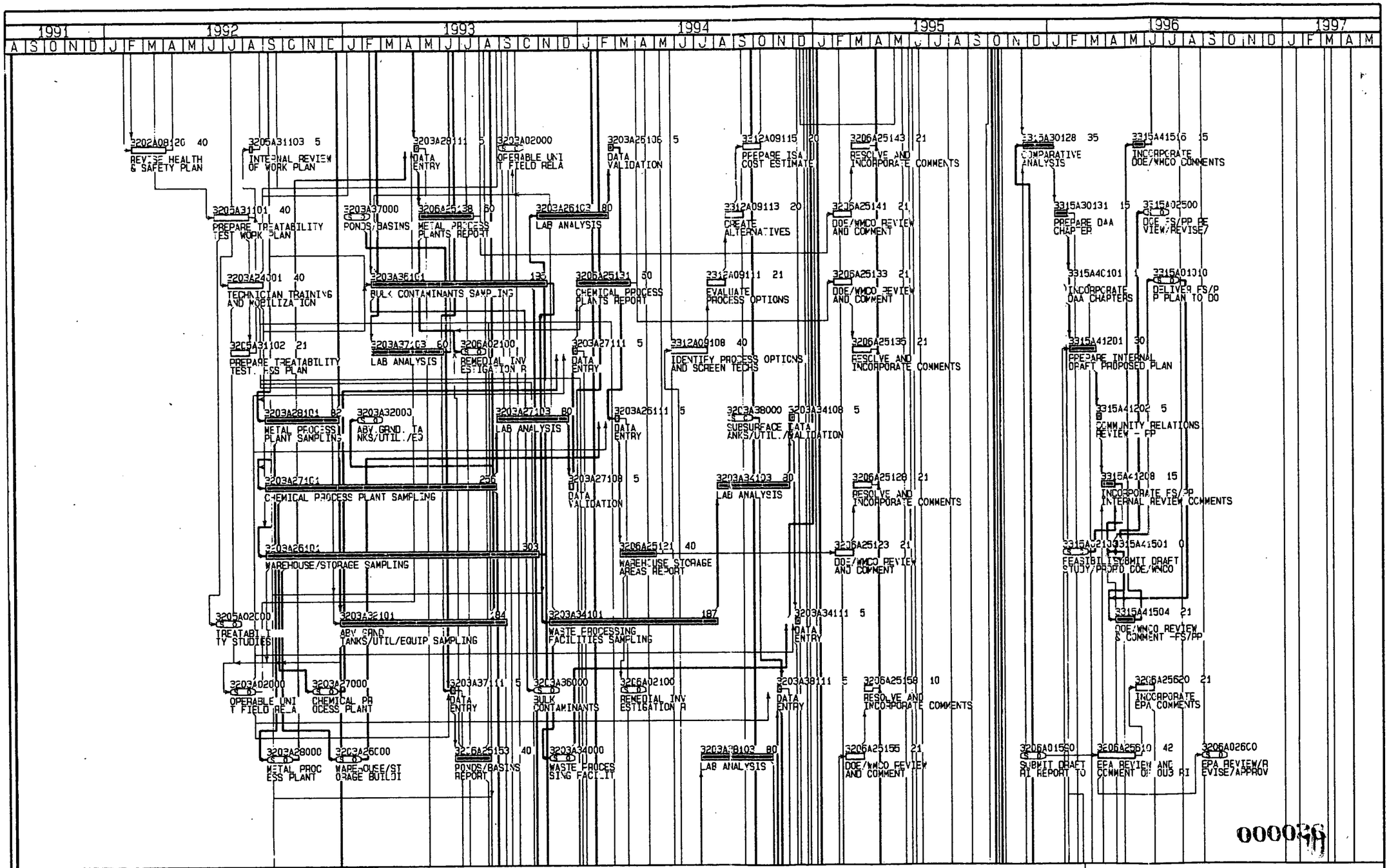
Date	Revision	Checked	Approved

2297



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Primavera Systems, Inc. 1984-1990

RI/FS PROJECT SCHEDULES
FERNALD ENVIRONMENTAL MGMT. PROJECT
TIME-SCALED LOGIC OU 3

Sheet 2 of 5

Project Start : 31OCT90
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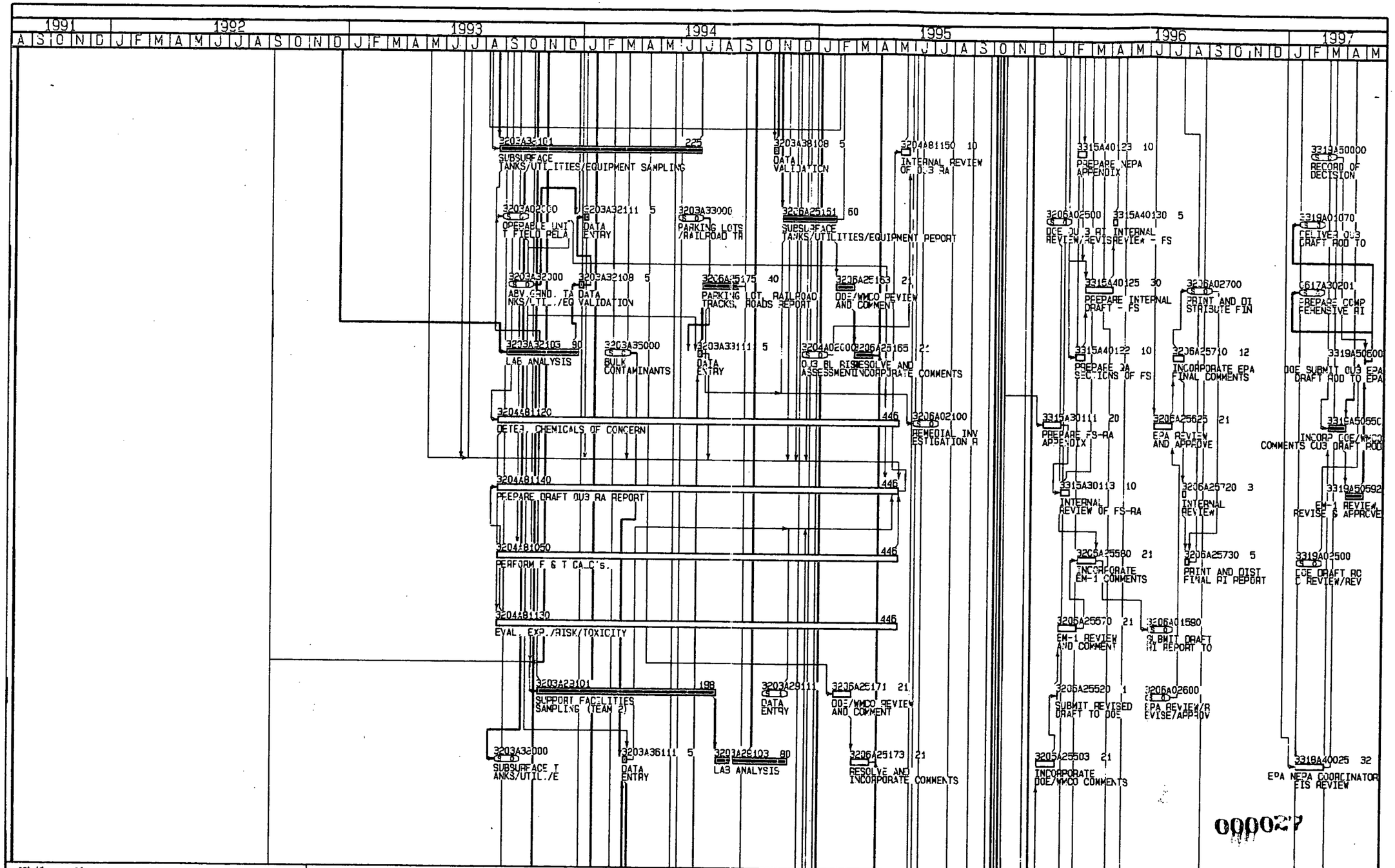

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Primavera Systems, Inc. 1984-1990

RI/FS PROJECT SCHEDULES
FERNALD ENVIRONMENTAL MGMT. PROJECT
TIME-SCALED LOGIC OU 3

Sheet 3 of 5

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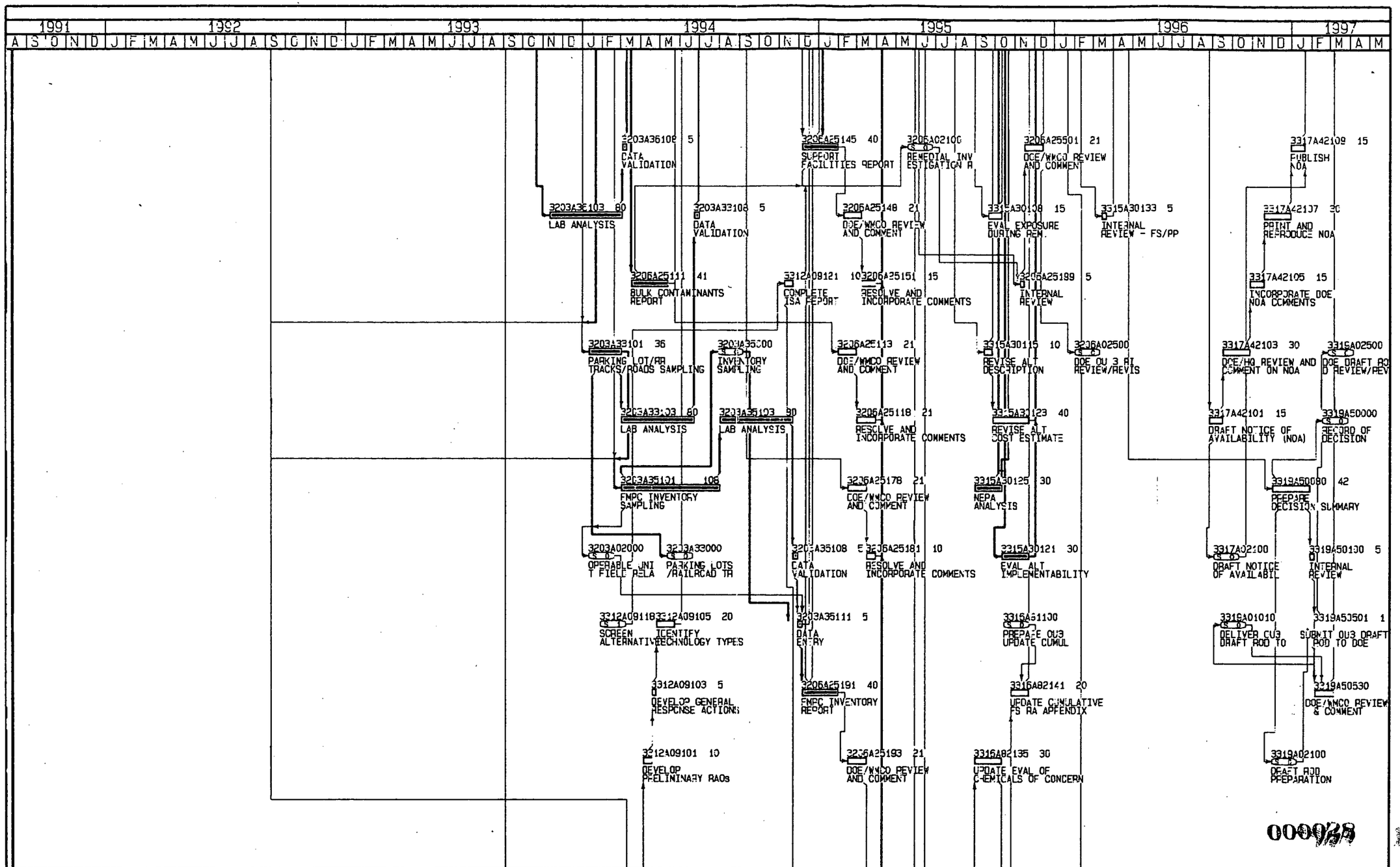

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Primavera Systems, Inc. 1984-1990

RI/FS PROJECT SCHEDULES
FERNALD ENVIRONMENTAL MGMT. PROJECT
TIME-SCALED LOGIC OU 3

Sheet 4 of 5

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Date	Revision	Checked	Approved

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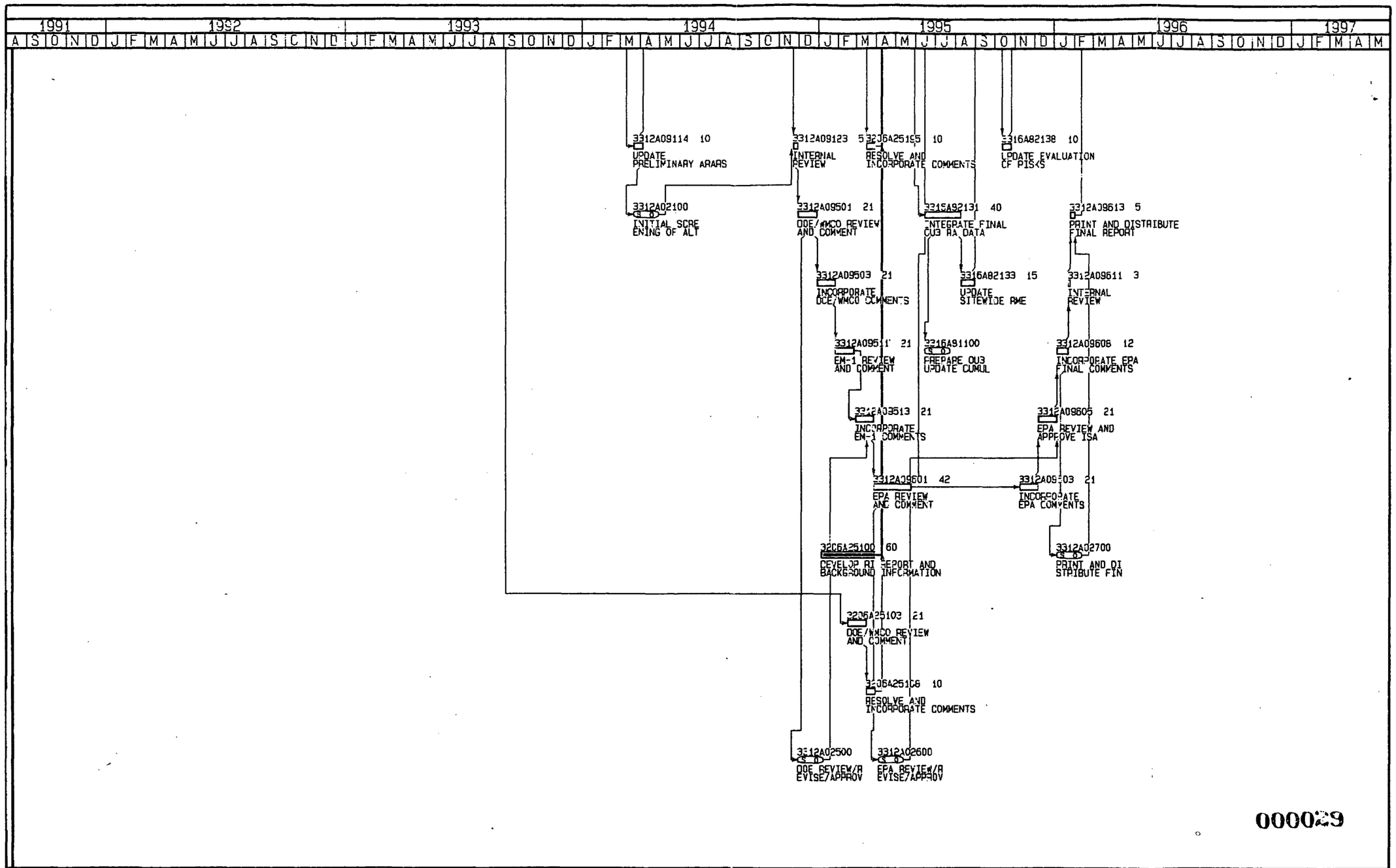
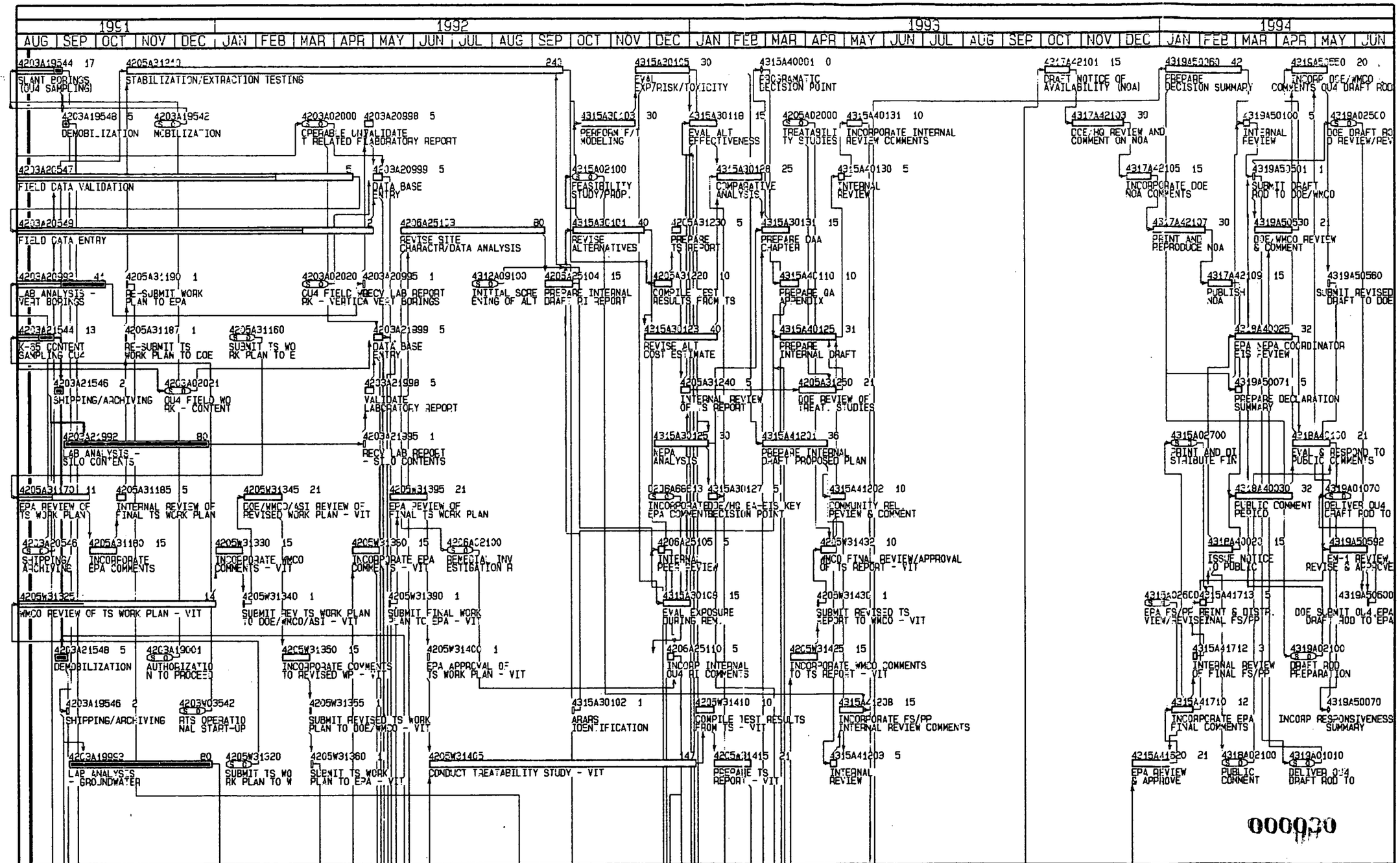


000029

act id / rd	Activity Bar/Late Dates	RI/FS PROJECT SCHEDULES FERNALD ENVIRONMENTAL MGMT. PROJECT TIME-SCALED LOGIC OU 3	Sheet 5 of 5
description	Critical Activity		
	Progress Bar		
(S x)	Connecting Activity on Sheet x	Project Start : 31OCT90 Project Finish: 4MAY01	Data Date: 10AUG91 Plot Date: 12SEP91
Primavera Systems, Inc. 1984-1990			

Prepared by ASI/IT Corp.

Date	Revision	Checked	Approved



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Activity Bar/Late Dates

Critical Activity

Progress Bar

(S x) Connecting Activity on Sheet x

Primavera Systems, Inc. 1984-1990

RI/FS PROJECT SCHEDULES
FERNALD ENVIRONMENTAL MGMT. PROJECT
TIME-SCALED LOGIC OU 4

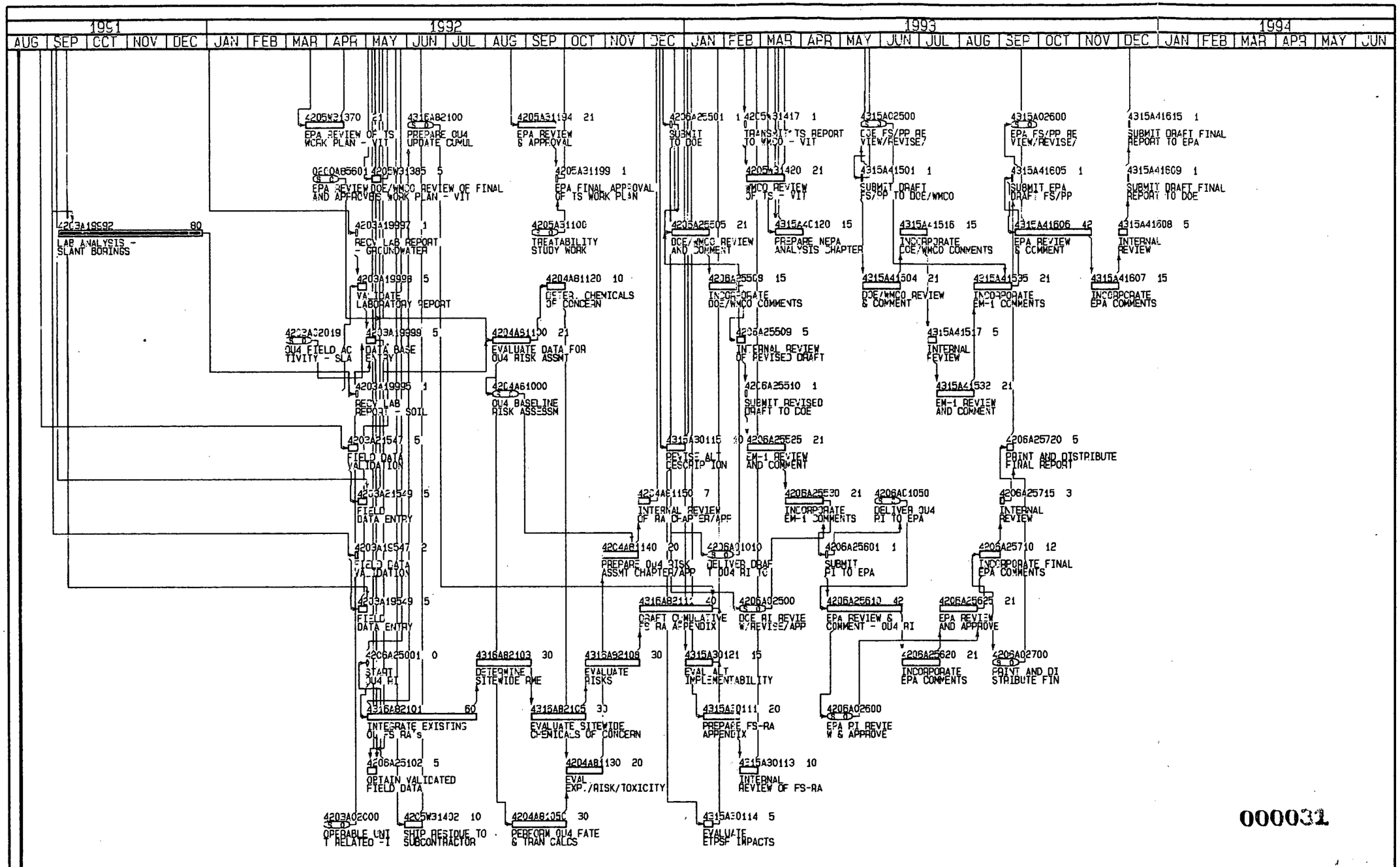
Sheet 1 of 2

Project Start : 31OCT90
Project Finish: 4MAY01

Data Date: 10AUG91
Plot Date: 12SEP91

Prepared by ASI/IT Corp.

Date	Revision	Checked	Approved



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act id / description — Activity Bar/Late Dates
Critical Activity
Progress Bar
(S x) Connecting Activity on Sheet x

Primavera Systems, Inc. 1984-1990

RI/FS PROJECT SCHEDULES
FERNALD ENVIRONMENTAL MGMT. PROJECT
TIME-SCALED LOGIC OU 4

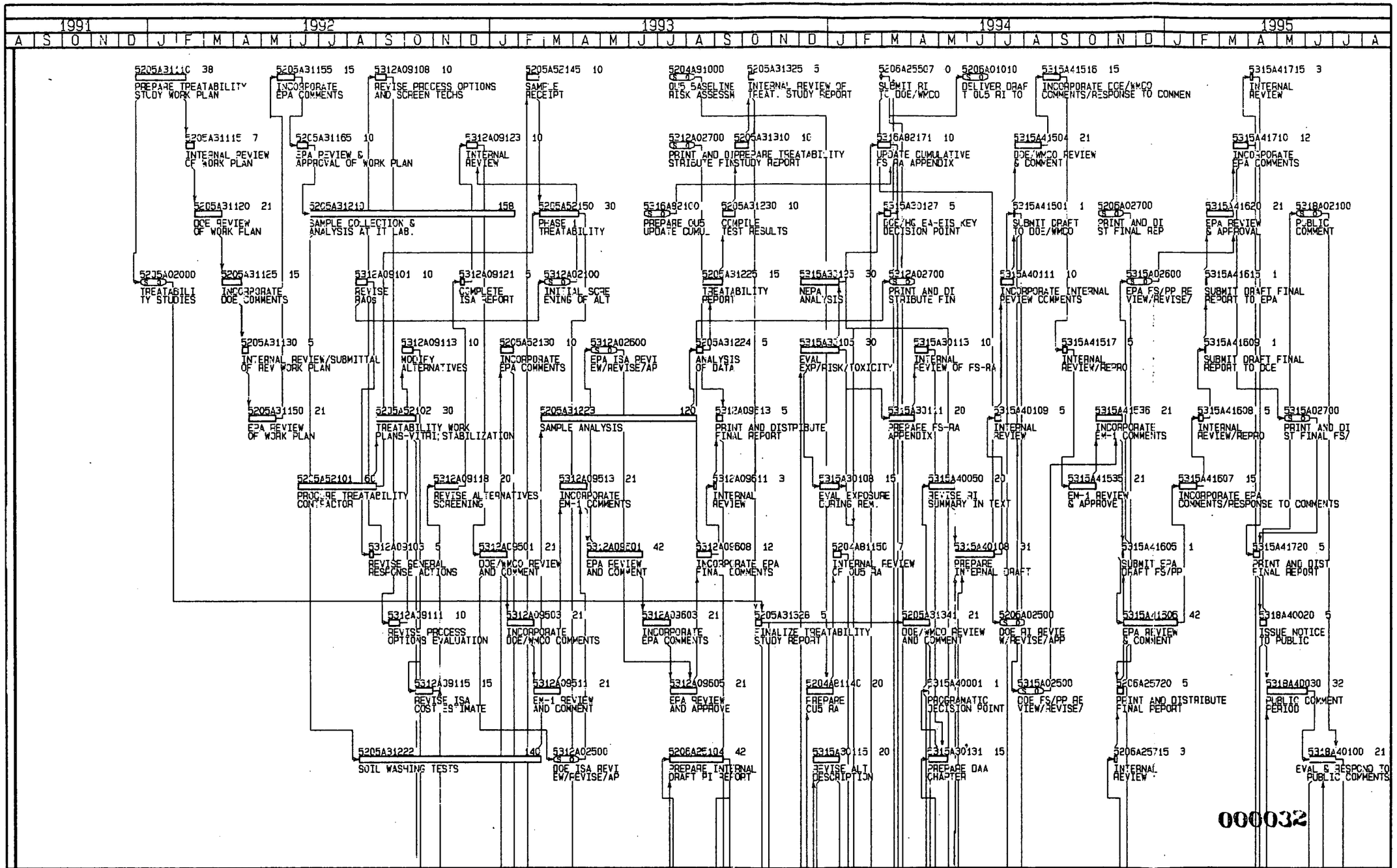
Sheet 2 of 2

Project Start : 31OCT90
Project Finish: 4MAY01

Data Date: 10AUG91
Plot Date: 12SEP91

Prepared by ASI/IT Corp.

Date	Revision	Checked	Approved



act id rd
description
Activity Bar/Late Dates
Critical Activity
Progress Bar
(S x) Connecting Activity on Sheet x

Primavera Systems, Inc. 1984-1990

RI/FS PROJECT SCHEDULES
FERNALD ENVIRONMENTAL MGMT. PROJECT
TIME-SCALED LOGIC OU 5

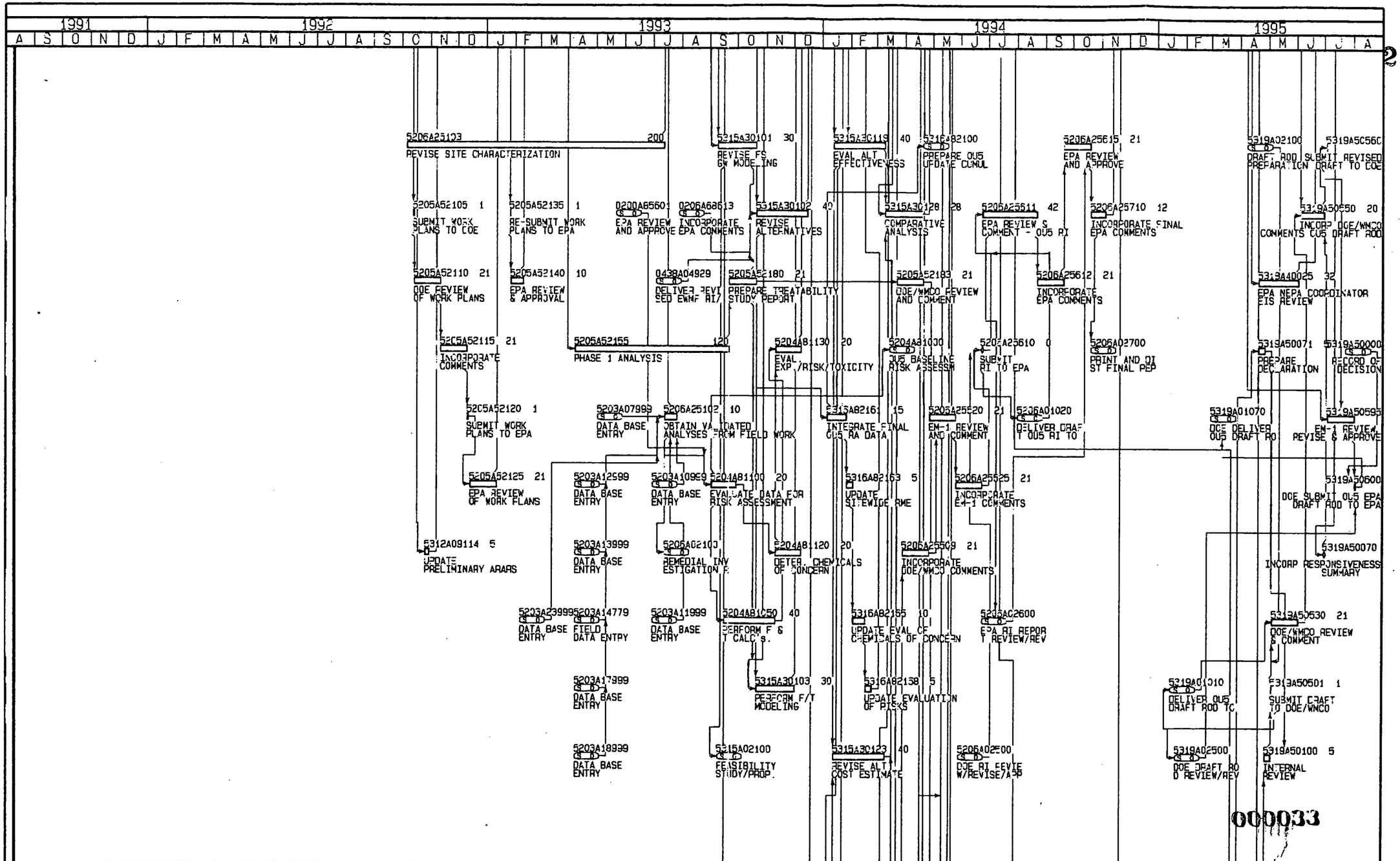
Sheet 1 of 3

Project Start : 31OCT90
Project Finish: 4MAY01

Data Date: 10AUG91
Plot Date: 12SEP91

Prepared by ASI/IT Corp.

Date	Revision	Checked	Approved



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act id rd description

Activity Bar/Late Dates
Critical Activity
Progress Bar
(S x) Connecting Activity on Sheet x

Primavera Systems, Inc. 1984-1990

RI/FS PROJECT SCHEDULES
FERNALD ENVIRONMENTAL MGMT. PROJECT
TIME-SCALED LOGIC OU 5

Sheet 2 of 3

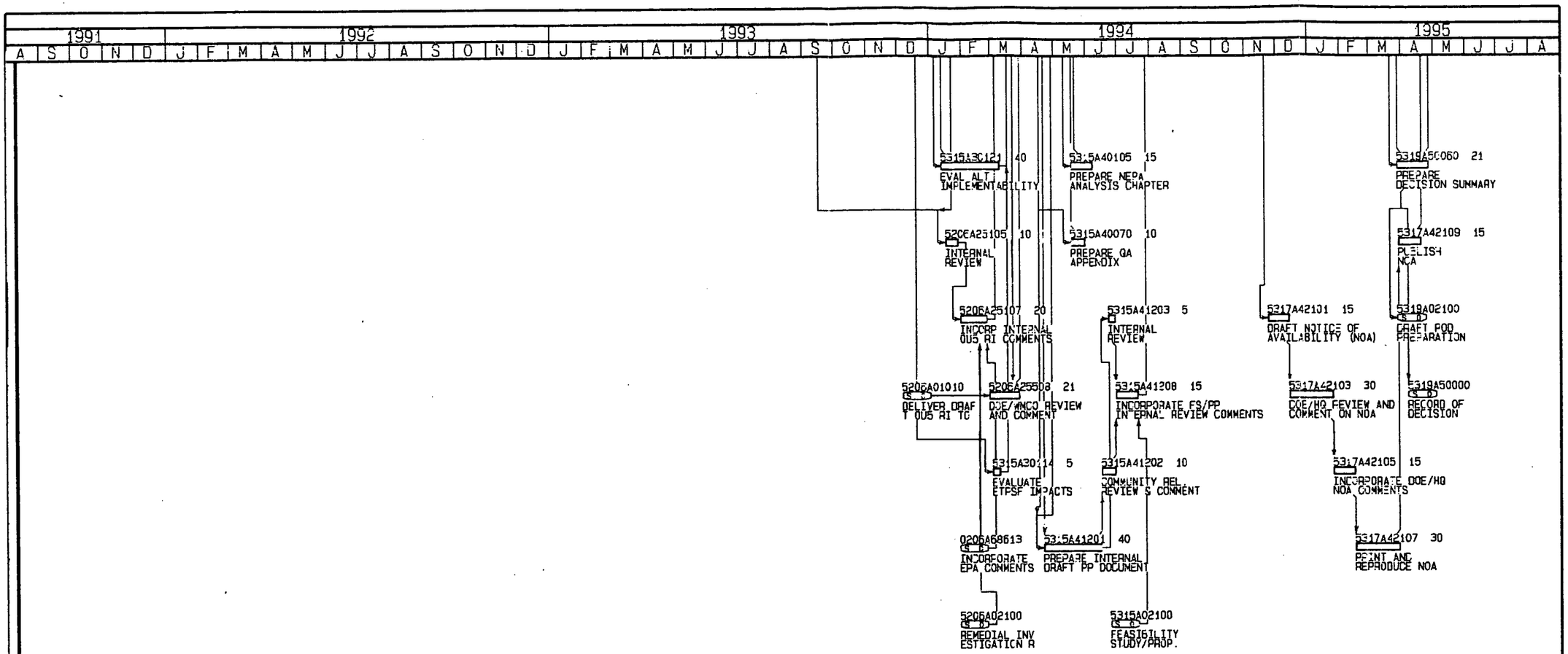
Project Start : 31OCT90
Project Finish: 4MAY01

Data Date: 10AUG91
Plot Date: 12SEP91

Prepared by ASI/IT Corp.

Date	Revision	Checked	Approved

2297



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act id rd description

Activity Bar/Late Dates

Critical Activity

Progress Bar

(S x) Connecting Activity on Sheet x

Primavera Systems, Inc. 1984-1990

RI/FS PROJECT SCHEDULES
FERNALD ENVIRONMENTAL MGMT. PROJECT
TIME-SCALED LOGIC OU 5

Project Start : 31OCT90
Project Finish: 4MAY01

Sheet 3 of 3

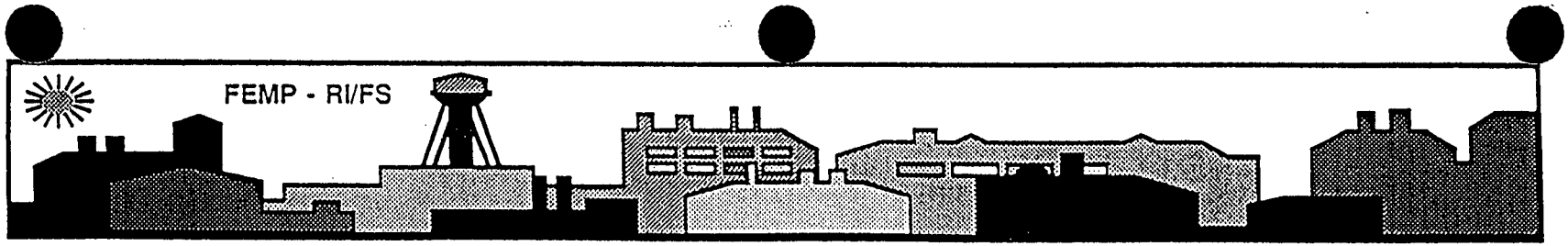
Data Date: 10AUG91
Plot Date: 12SEP91

Prepared by ASI/IT Corp.

Date	Revision	Checked	Approved

Global Activities

Preliminary Site Characterization Report



	1991						1992											
	JUL	AUG	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
	WORK PLAN REVISIONS																	
WORK PLAN REVISIONS 0200A02100 OD 31 AS 17JUN91 AF 29JUL91																		
DOE REVIEW/REVISE/APPROVE 0200A02500 OD 42 AS 30JUL91 LF 6NOV91																		
EPA REVIEW/REVISE/APPROVE 0200A02600 OD 41 LS 7NOV91 LF 19OCT92																		
	PRELIMINARY SITE CHARACTERIZATION																	
PREPARE PRELIM SITE CHARACTERIZATION REPORT 0206A02100 OD 174 AS 26JUL91 LF 25JUN92																		
DOE REVIEW/REVISE/APPROVE PRELIM SC REPORT 0206A02500 OD 84 LS 26JUN92 LF 21OCT92																		
EPA REVIEW/REVISE/APPROVE PRELIM SC REPORT 0206A02600 OD 42 LS 22OCT92 LF 18DEC92																		

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Activity Bar/Late Dates
Critical Activity
Progress Bar

Primavera Systems, Inc. 1984-1991

RI/FS PROJECT SCHEDULES
FERNALD ENVIRONMENTAL MGMT. PROJECT
PRELIMINARY SITE CHARACT. LEVEL III

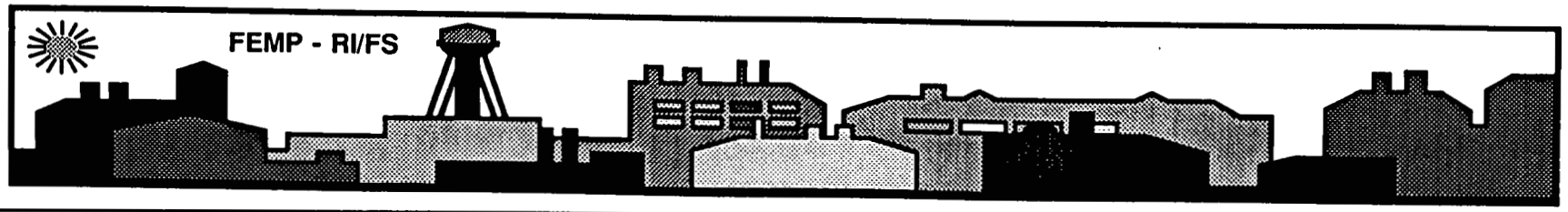
Project Start : 31OCT90
Project Finish: 4MAY01

Sheet 1 of 1

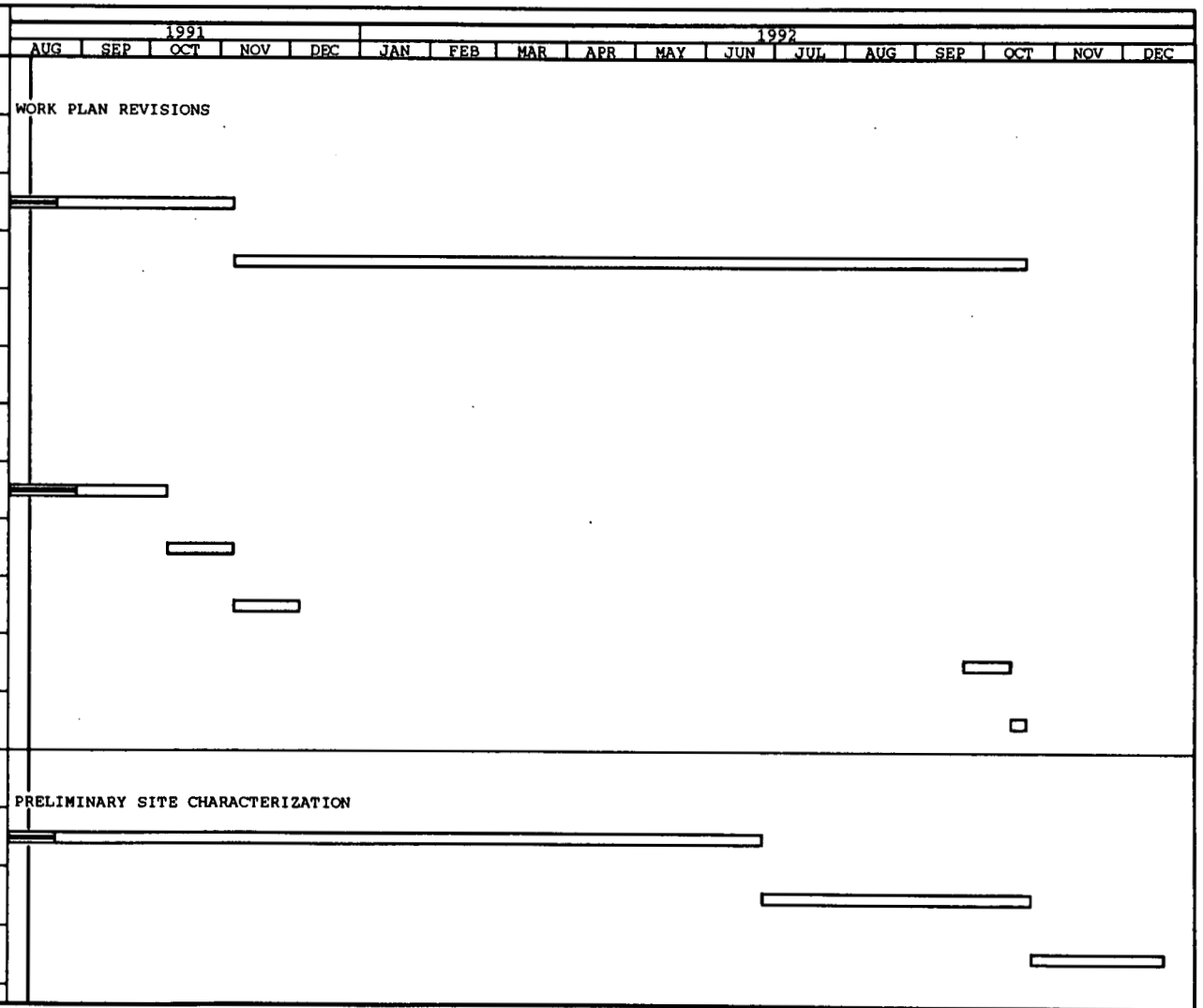
Data Date: 10AUG91
Plot Date: 13SEP91

Prepared by ASI/IT Corp.

Date	Revision	Checked	Approved



WORK PLAN REVISIONS 0200A02100 OD 31 RD 0 AS 17JUN91 AF 29JUL91			
DOE REVIEW/REVISE/APPROVE 0200A02500 OD 42 RD 33 AS 30JUL91 LF 6NOV91			
EPA REVIEW/REVISE/APPROVE 0200A02600 OD 41 RD 41 LS 7NOV91 LF 19OCT92			
PREPARE RI/FS WORK PLAN ADDENDUM 0200A85101 OD 19 RD 0 AS 17JUN91 AF 16JUL91			
INTERNAL REVIEW 0200A85103 OD 6 RD 0 AS 17JUL91 AF 23JUL91			
REVISE AND PRINT RI/FS WORK PLAN 0200A85105 OD 5 RD 0 AS 24JUL91 AF 29JUL91			
DOE/WMCO REVIEW AND COMMENT 0200A85501 OD 21 RD 12 AS 30JUL91 LF 8OCT91			
INCORPORATE DOE/WMCO COMMENTS 0200A85503 OD 21 RD 21 LS 9OCT91 LF 6NOV91			
EPA REVIEW AND APPROVE 0200A85601 OD 21 RD 21 LS 7NOV91 LF 5DEC91			
INCORPORATE EPA COMMENTS 0200A85603 OD 15 RD 15 LS 22SEP92 LF 12OCT92			
PRINT AND DISTRIBUTE WORK PLANS 0200A85701 OD 5 RD 5 LS 13OCT92 LF 19OCT92			
PREPARE PRELIM SITE CHARACTERIZATION REPORT 0206A02100 OD 174 RD 163 AS 26JUL91 LF 25JUN92			
DOE REVIEW/REVISE/APPROVE PRELIM SC REPORT 0206A02500 OD 84 RD 84 LS 26JUN92 LF 21OCT92			
EPA REVIEW/REVISE/APPROVE PRELIM SC REPORT 0206A02600 OD 42 RD 42 LS 22OCT92 LF 18DEC92			



Activity Bar/Late Dates
Critical Activity
Progress Bar

Primavera Systems, Inc. 1984-1991

RI/FS PROJECT SCHEDULES
FERNALD ENVIRONMENTAL MGMT. PROJECT
PRELIMINARY SITE CHARACT. LEVEL IV

Sheet 1 of 2

Project Start : 31OCT90
Project Finish: 4MAY01

Data Date: 10AUG91
Plot Date: 12SEP91

Prepared by ASI/IT Corp.

Date	Revision	Checked	Approved

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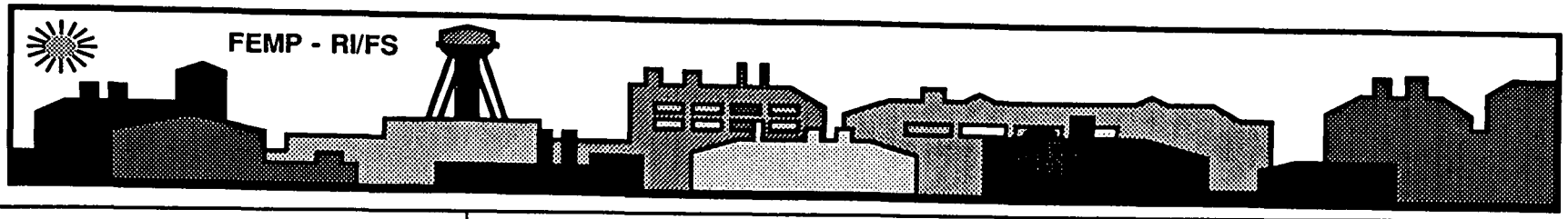

PREPARE PRELIMINARY SITE CHARACTERIZATION REPORT 0206A60101 OD 120 RD 109 AS 26JUL91 LF 25JUN92	PRELIMINARY SITE CHARACTERIZATION
PRELIMINARY SITEWIDE BASELINE RISK ASSESSMENT 0206A60110 OD 100 RD 100 LS 7FEB92 LF 25JUN92	
DELIVER DRAFT PRELIM SITE CHAR RPT TO DOE SITE 0206A68130 OD 0 RD 0 LS 26JUN92	
DOE/WMCO REVIEW AND COMMENT 0206A68501 OD 21 RD 21 LS 26JUN92 LF 24JUL92	
INCOPORATE DOE/WMCO COMMENTS 0206A68508 OD 21 RD 21 LS 27JUL92 LF 24AUG92	
DOE EM-40 REVIEW/APPROVE 0206A68511 OD 21 RD 21 LS 25AUG92 LF 22SEP92	
INCORPORATE EM-40 COMMENTS 0206A68513 OD 21 RD 21 LS 23SEP92 LF 21OCT92	
DELIVER PRELIM SITE CHAR REPORT TO EPA 0206A68518 OD 0 RD 0 LF 21OCT92	
EPA REVIEW AND COMMENT 0206A68610 OD 21 RD 21 LS 22OCT92 LF 19NOV92	
INCORPORATE EPA COMMENTS 0206A68613 OD 21 RD 21 LS 20NOV92 LF 18DEC92	

1991: AUG SEP OCT NOV DEC
1992: JAN FEB MAR APR MAY JUN JUL AUG SEP OCT NOV DEC

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Activity Bar/Late Dates
Critical Activity
Progress Bar

Primavera Systems, Inc. 1984-1991

Project Start : 31OCT90
Project Finish: 4MAY01

RI/FS PROJECT SCHEDULES
FERNALD ENVIRONMENTAL MGMT. PROJECT
PRELIMINARY SITE CHARACT. LEVEL IV

Sheet 2 of 2

Data Date: 10AUG91
Plot Date: 12SEP91

Prepared by ASI/IT Corp.

Date	Revision	Checked	Approved

RI/FS PROJECT SCHEDULES | PRIMAVERA PROJECT PLANNER | FERNALD ENVIRONMENTAL MGMT. PROJEC

REPORT DATE 12SEP91 RUN NO. 477 | Prepared by ASI/IT Corp. | START DATE 31OCT90 FIN DATE 4MAY
16:49

SCHED REP - DETAILED PREC ANAL PRELIM SITE CHAR | DATA DATE 10AUG91 PAGE NO. 1

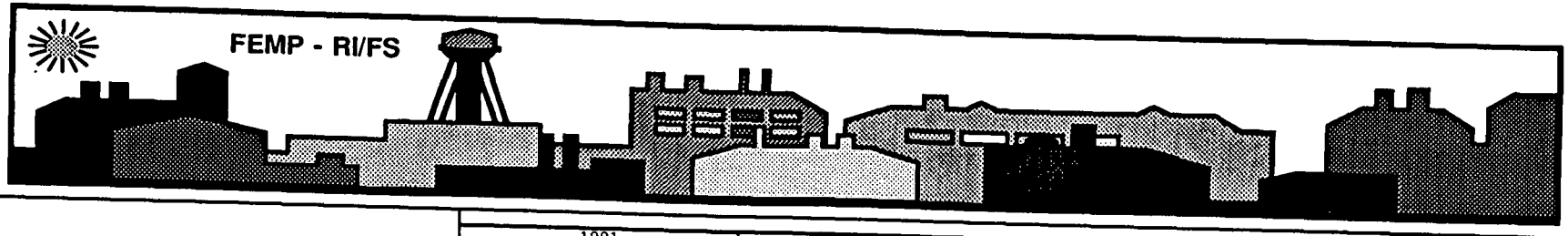
ACTIVITY ID	ORIG DUR	REM DUR	%	CODE	ACTIVITY DESCRIPTION	LATE START	LATE FINISH
WORK PLAN REVISIONS							
0200A85101	19	0	100	02	PREPARE RI/FS WORK PLAN ADDENDUM	17JUN91A	16JUL91A
..0200A02100*	31	0	100	S SS 0	WORK PLAN REVISIONS	17JUN91A	29JUL91A
..0200A85103	6	0	100	S FS 0	INTERNAL REVIEW	17JUL91A	23JUL91A
0200A85103	6	0	100	02	INTERNAL REVIEW	17JUL91A	23JUL91A
..0200A85101	19	0	100	P FS 0	PREPARE RI/FS WORK PLAN ADDENDUM	17JUN91A	16JUL91A
..0200A85105	5	0	100	S FS 0	REVISE AND PRINT RI/FS WORK PLAN	24JUL91A	29JUL91A
0200A85105	5	0	100	02	REVISE AND PRINT RI/FS WORK PLAN	24JUL91A	29JUL91A
..0200A02100*	31	0	100	P FF 0	WORK PLAN REVISIONS	17JUN91A	29JUL91A
..0200A85103	6	0	100	P FS 0	INTERNAL REVIEW	17JUL91A	23JUL91A
..0200A85501	21	12	43	S FS 0	DOE/WMCO REVIEW AND COMMENT	30JUL91A	8OCT91
0200A85501	21	12	43	02	DOE/WMCO REVIEW AND COMMENT	30JUL91A	8OCT91
..0200A85105	5	0	100	P FS 0	REVISE AND PRINT RI/FS WORK PLAN	24JUL91A	29JUL91A
..0200A02500*	42	33	21	S SS 0	DOE REVIEW/REVISE/APPROVE	30JUL91A	6NOV91
..0200A85503*	21	21	0	S FS 0	INCORPORATE DOE/WMCO COMMENTS	9OCT91	6NOV91
0200A85503	21	21	0	02	INCORPORATE DOE/WMCO COMMENTS	9OCT91	6NOV91
..0200A02500*	42	33	21	P FF 0	DOE REVIEW/REVISE/APPROVE	30JUL91A	6NOV91
..0200A85501*	21	12	43	P FS 0	DOE/WMCO REVIEW AND COMMENT	30JUL91A	8OCT91
..0200A85601*	21	21	0	S FS 0	EPA REVIEW AND APPROVE	7NOV91	5DEC91
0200A85601	21	21	0	02	EPA REVIEW AND APPROVE	7NOV91	5DEC91
..0200A85503*	21	21	0	P FS 0	INCORPORATE DOE/WMCO COMMENTS	9OCT91	6NOV91
..0200A02600*	41	41	0	S SS 0	EPA REVIEW/REVISE/APPROVE	7NOV91	19OCT92
..0200A85603*	15	15	0	S FS 0	INCORPORATE EPA COMMENTS	22SEP92	12OCT92
..0206A60101*	120	109	9	S FS 0	PREPARE PRELIMINARY SITE CHARACTERIZATION REPORT	26JUL91A	25JUN92
..1204A81100	21	21	0	S FS 0	EVALUATE DATA FOR OU1 RISK ASSMT	20NOV92	18DEC92
..2204A81100	21	21	0	S FS 0	EVALUATE DATA FOR OU2 RISK ASSMT	6DEC91	3JAN92
..4204A81100	21	21	0	S FS 0	EVALUATE DATA FOR OU4 RISK ASSMT	6AUG92	3SEP92
..5204A81100	20	20	0	S FS 0	EVALUATE DATA FOR RISK ASSESSMENT	2SEP93	29SEP93
0200A85603	15	15	0	02	INCORPORATE EPA COMMENTS	22SEP92	12OCT92
..0200A85601*	21	21	0	P FS 0	EPA REVIEW AND APPROVE	7NOV91	5DEC91
..0200A85701*	5	5	0	S FS 0	PRINT AND DISTRIBUTE WORK PLANS	13OCT92	19OCT92
0200A85701	5	5	0	02	PRINT AND DISTRIBUTE WORK PLANS	13OCT92	19OCT92
..0200A02600*	41	41	0	P FF 0	EPA REVIEW/REVISE/APPROVE	7NOV91	19OCT92
..0200A85603*	15	15	0	P FS 0	INCORPORATE EPA COMMENTS	22SEP92	12OCT92
..2206A25610	42	42	0	S FS 0	EPA REVIEW & COMMENT - OU2 RI	20OCT92	16DEC92
60							
0206A60101	120	109	9	02	PREPARE PRELIMINARY SITE CHARACTERIZATION REPORT	26JUL91A	25JUN92

ACTIVITY ID	ORIG DUR	REM DUR	%	CODE	ACTIVITY DESCRIPTION	LATE START	LATE FINISH
..0200A85601*	21	21	0	P FS 0	EPA REVIEW AND APPROVE	7NOV91	5DEC91
..0206A02100*	174	163	6	P FF 0	PREPARE PRELIM SITE CHARACTERIZATION REPORT	26JUL91A	25JUN92
..0206A02100*	174	163	6	S SS 0	PREPARE PRELIM SITE CHARACTERIZATION REPORT	26JUL91A	25JUN92
..0206A60110*	100	100	0	S SS 0	PRELIMINARY SITEWIDE BASELINE RISK ASSESSMENT	7FEB92	25JUN92
..0206A68130*	0	0	0	S FS 0	DELIVER DRAFT PRELIM SITE CHAR RPT TO DOE SITE	26JUN92	
0206A60110	100	100	0	02	PRELIMINARY SITEWIDE BASELINE RISK ASSESSMENT	7FEB92	25JUN92
..0206A60101*	120	109	9	P SS 0	PREPARE PRELIMINARY SITE CHARACTERIZATION REPORT	26JUL91A	25JUN92
..0206A68130	0	0	0	S FS 0	DELIVER DRAFT PRELIM SITE CHAR RPT TO DOE SITE	26JUN92	
68							
0206A68130	0	0	0	02	DELIVER DRAFT PRELIM SITE CHAR RPT TO DOE SITE	26JUN92	
..0206A60101*	120	109	9	P FS 0	PREPARE PRELIMINARY SITE CHARACTERIZATION REPORT	26JUL91A	25JUN92
..0206A60110	100	100	0	P FS 0	PRELIMINARY SITEWIDE BASELINE RISK ASSESSMENT	7FEB92	25JUN92
..0206A01500*	0	0	0	S FS 0	DELIVER PRELIM. SITE CHARACT. REPORT TO DOE	26JUN92	
..0206A68501*	21	21	0	S FS 0	DOE/WMCO REVIEW AND COMMENT	26JUN92	24JUL92
0206A68501	21	21	0	02	DOE/WMCO REVIEW AND COMMENT	26JUN92	24JUL92
..0206A01500*	0	0	0	P FS 0	DELIVER PRELIM. SITE CHARACT. REPORT TO DOE	26JUN92	
..0206A68130*	0	0	0	P FS 0	DELIVER DRAFT PRELIM SITE CHAR RPT TO DOE SITE	26JUN92	
..0206A01503*	0	0	0	S FS 0	DOE RESPONSE DRAFT PRELIM SC REPORT		24JUL92
..0206A02500*	84	84	0	S SS 0	DOE REVIEW/REVISE/APPROVE PRELIM SC REPORT	26JUN92	21OCT92
..0206A68508*	21	21	0	S FS 0	INCOPORATE DOE/WMCO COMMENTS	27JUL92	24AUG92
0206A68508	21	21	0	02	INCOPORATE DOE/WMCO COMMENTS	27JUL92	24AUG92
..0206A01503*	0	0	0	P FS 0	DOE RESPONSE DRAFT PRELIM SC REPORT		24JUL92
..0206A68501*	21	21	0	P FS 0	DOE/WMCO REVIEW AND COMMENT	26JUN92	24JUL92
..0206A68511*	21	21	0	S FS 0	DOE EM-40 REVIEW/APPROVE	25AUG92	22SEP92
0206A68511	21	21	0	02	DOE EM-40 REVIEW/APPROVE	25AUG92	22SEP92
..0206A68508*	21	21	0	P FS 0	INCOPORATE DOE/WMCO COMMENTS	27JUL92	24AUG92
.0206A68513*	21	21	0	S FS 0	INCORPORATE EM-40 COMMENTS	23SEP92	21OCT92
0206A68513	21	21	0	02	INCORPORATE EM-40 COMMENTS	23SEP92	21OCT92
.0206A68511*	21	21	0	P FS 0	DOE EM-40 REVIEW/APPROVE	25AUG92	22SEP92
.0206A68518*	0	0	0	S FS 0	DELIVER PRELIM SITE CHAR REPORT TO EPA		21OCT92
0206A68518	0	0	0	02	DELIVER PRELIM SITE CHAR REPORT TO EPA		21OCT92
.0206A02500*	84	84	0	P FF 0	DOE REVIEW/REVISE/APPROVE PRELIM SC REPORT	26JUN92	21OCT92
.0206A68513*	21	21	0	P FS 0	INCORPORATE EM-40 COMMENTS	23SEP92	21OCT92
.0206A01600*	0	0	0	S FS 0	DELIVER PRELIM SC REPORT TO EPA		21OCT92
.0206A68610*	21	21	0	S FS 0	EPA REVIEW AND COMMENT	22OCT92	19NOV92
0206A68610	21	21	0	02	EPA REVIEW AND COMMENT	22OCT92	19NOV92
.0206A01600*	0	0	0	P FS 0	DELIVER PRELIM SC REPORT TO EPA		21OCT92

ACTIVITY ID	ORIG DUR	REM DUR	%			CODE	ACTIVITY DESCRIPTION	LATE START	LATE FINISH
..0206A68518*	0	0	0	P	FS	0	DELIVER PRELIM SITE CHAR REPORT TO EPA		21OCT92
..0206A02600*	42	42	0	S	SS	0	EPA REVIEW/REVISE/APPROVE PRELIM SC REPORT	22OCT92	18DEC92
..0206A68613*	21	21	0	S	FS	0	INCORPORATE EPA COMMENTS	20NOV92	18DEC92
0206A68613	21	21	0			02	INCORPORATE EPA COMMENTS	20NOV92	18DEC92
..0206A02600*	42	42	0	P	FF	0	EPA REVIEW/REVISE/APPROVE PRELIM SC REPORT	22OCT92	18DEC92
..0206A68610*	21	21	0	P	FS	0	EPA REVIEW AND COMMENT	22OCT92	19NOV92
..1206A25110*	5	5	0	S	FF	0	INCORP INTERNAL OU1 RI COMMENTS	8JUN93	14JUN93
..4206A25110*	5	5	0	S	FF	0	INCORP INTERNAL OU4 RI COMMENTS	14DEC92	18DEC92
..5206A25107	20	20	0	S	FF	0	INCORP INTERNAL OU5 RI COMMENTS	31JAN94	25FEB94
..5315A30102	40	40	0	S	FS	0	REVISE ALTERNATIVES	21OCT93	15DEC93

2297

Engineered Waste Management Facility



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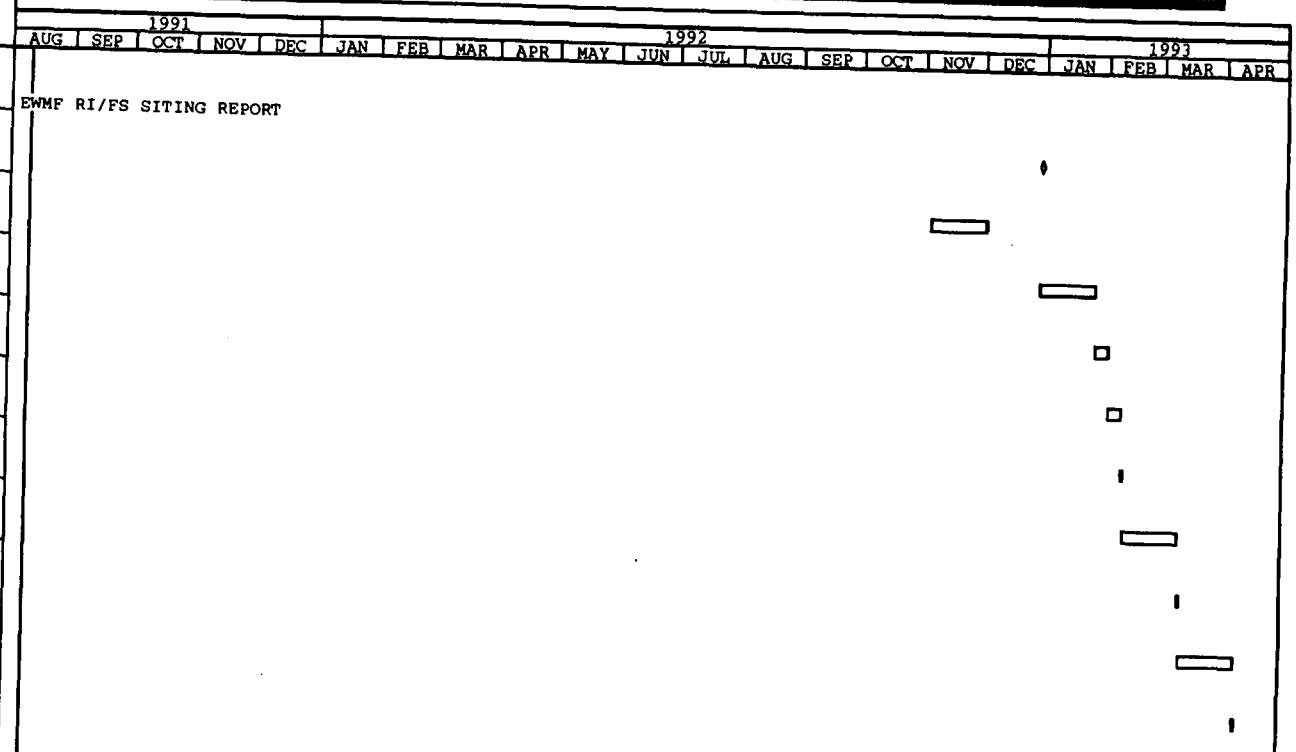
DRAFT TECHNICAL CHAPTERS 0438A04912 OD 20 RD 20 LS 4NOV92 LF 1DEC92	
INTEGRATE CHAPTERS/WRITE REPORT 0438A04913 OD 20 RD 20 LS 30DEC92 LF 26JAN93	
INTERNAL REVIEW ASI/IT 0438A04915 OD 5 RD 5 LS 27JAN93 LF 2FEB93	
INCORPORATE INTERNAL REVIEW COMMENTS 0438A04918 OD 5 RD 5 LS 3FEB93 LF 9FEB93	
DELIVER PRELIMINARY REPORT 0438A04920 OD 1 RD 1 LS 10FEB93 LF 10FEB93	
DOE/WMCO FMPC REVIEW 0438A04923 OD 20 RD 20 LS 11FEB93 LF 10MAR93	
DOE/WMCO COMMENTS EWMF RI/FS SITING REPORT 0438A04925 OD 1 RD 1 LS 11MAR93 LF 11MAR93	
REVISED EWMF RI/FS SITING REPORT 0438A04928 OD 20 RD 20 LS 12MAR93 LF 8APR93	
DELIVER REVISED EWMF RI/FS SITING REPORT 0438A04929 OD 1 RD 1 LS 9APR93 LF 9APR93	



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Activity Bar/Late Dates
Critical Activity
Progress Bar

Primavera Systems, Inc. 1984-1991

Project Start : 31OCT90
Project Finish: 4MAY01

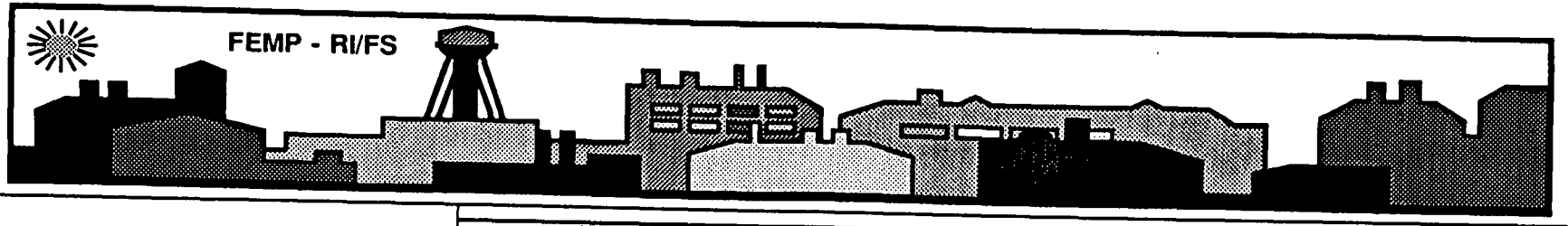
RI/FS PROJECT SCHEDULES
FERNALD ENVIRONMENTAL MGMT. PROJECT
ENGINEERED WASTE MGMT FAC. LEVEL IV

Sheet 5 of 5

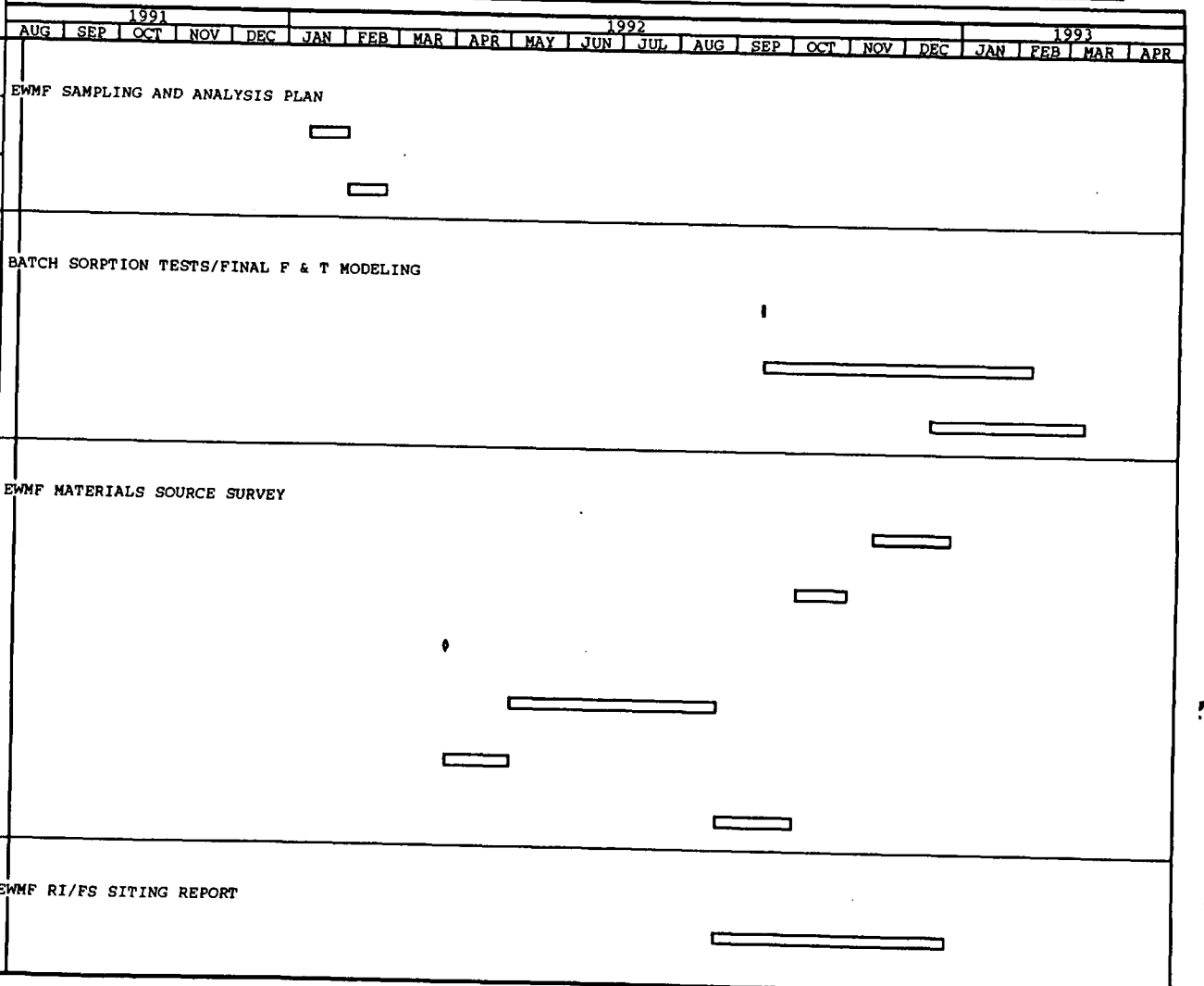
Data Date: 10AUG91
Plot Date: 12SEP91

Prepared by ASI/IT Corp.

Date	Revision	Checked	Approved



PREPARE FINAL H & S PLAN 0430A22130 OD 15 RD 15 LS 14JAN92 LF 3FEB92	EWMF SAMPLING AND ANALYSIS PLAN
DOE/WMCO APPROVAL OF H & S PLAN 0430A22140 OD 15 RD 15 LS 4FEB92 LF 24FEB92	
OU1 LECHATE ANALYTICAL RESULTS 0432A04101 OD 1 RD 1 LS 17SEP92 LF 17SEP92	BATCH SORPTION TESTS/FINAL F & T MODELING
BATCH SORPTION TESTS BROOKHAVEN LAB 0432A04103 OD 105 RD 105 LS 18SEP92 LF 11FEB93	
FINAL FATE AND TRANSPORT MODELING 0432A04105 OD 60 RD 60 LS 18DEC92 LF 11MAR93	
DRAFT RA TECHNICAL CHAPTER 0434A04907 OD 30 RD 30 LS 18NOV92 LF 29DEC92	EWMF MATERIALS SOURCE SURVEY
EWMF ENGINEERING ANALYSIS 0434A04910 OD 20 RD 20 LS 7OCT92 LF 3NOV92	
START EWMF MATERIALS SOURCE SURVEY 0434A04920 OD 0 RD 0 LS 1APR92	
CLAY/BENTONITE LAB ANALYSIS 0434A04922 OD 80 RD 80 LS 6MAY92 LF 25AUG92	
REVIEW EXISTING DATA - VISIT VENDORS AND SAMPLE 0434A04923 OD 25 RD 25 LS 1APR92 LF 5MAY92	
EWMF/MSS REPORT 0434A04925 OD 30 RD 30 LS 26AUG92 LF 6OCT92	
COMPARATIVE ANALYSIS SITING REQUIREMENTS 0438A04905 OD 90 RD 90 LS 26AUG92 LF 29DEC92	EWMF RI/FS SITING REPORT



Activity Bar/Late Dates
Critical Activity
Progress Bar

Primavera Systems, Inc. 1984-1991

Project Start : 31OCT90
Project Finish: 4MAY01

RI/FS PROJECT SCHEDULES
FERNALD ENVIRONMENTAL MGMT. PROJECT
ENGINEERED WASTE MGMT FAC. LEVEL IV

Sheet 4 of 5

Data Date: 10AUG91
Plot Date: 12SEP91

Prepared by ASI/IT Corp.

Date	Revision	Checked	Approved

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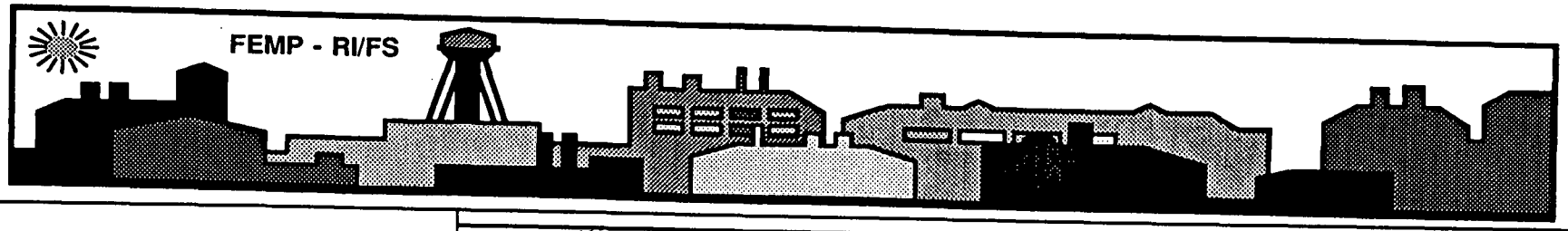
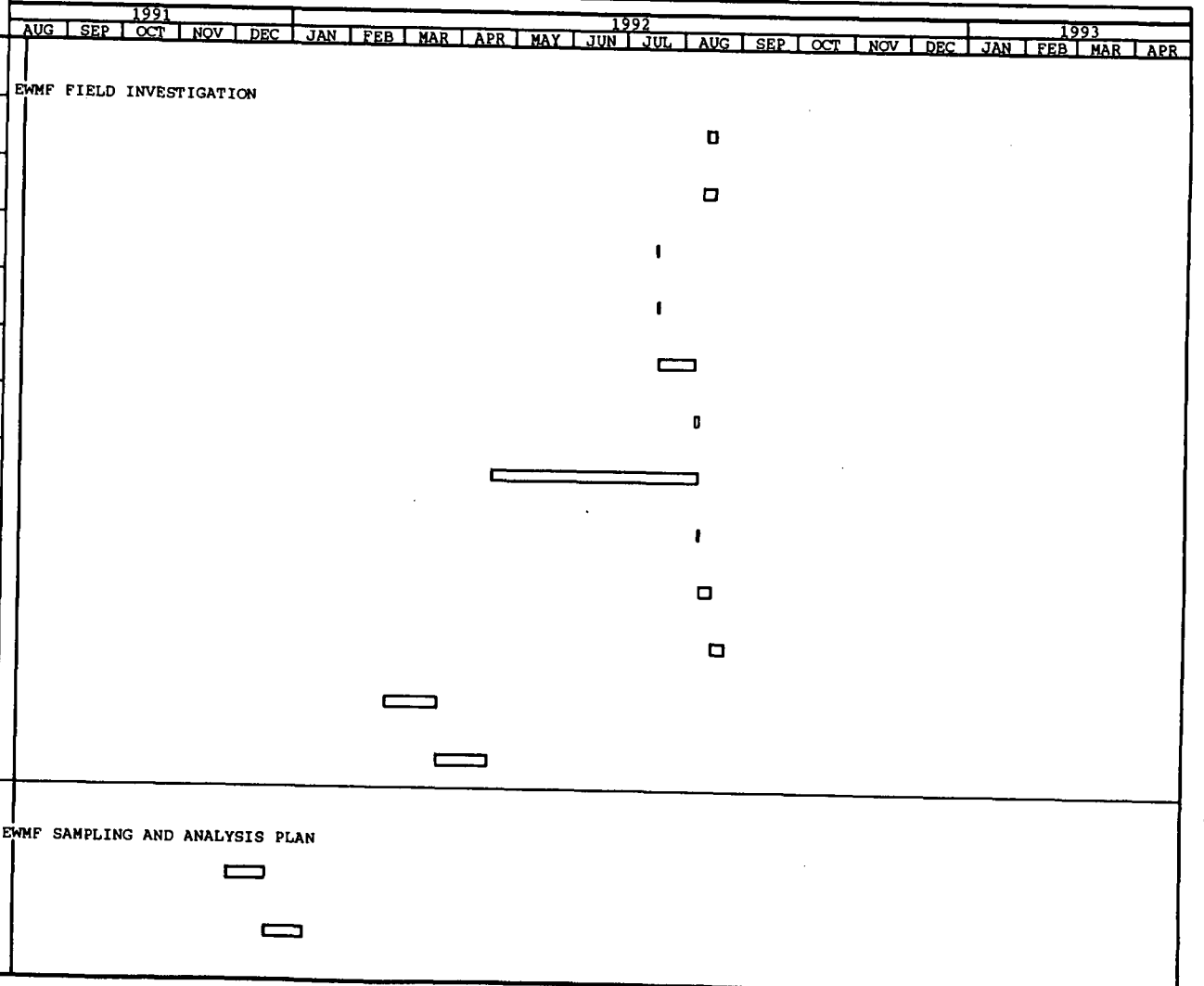


EWMF FIELD INVESTIGATION			
DEMOBILIZATION/DECON 0403A22548	OD 5	RD 5	LS 14AUG92 LF 18AUG92
FIELD DATA ENTRY 0403A22549	OD 5	RD 5	LS 12AUG92 LF 18AUG92
TASK SPECIFIC WELL DEVELOPMENT TRAINING 0403A22660	OD 1	RD 1	LS 18JUL92 LF 18JUL92
WELL DEVELOPMENT MOBILIZATION 0403A22662	OD 1	RD 1	LS 19JUL92 LF 19JUL92
WELL DEVELOPMENT/SAMPLING (8 WELLS) 0403A22664	OD 20	RD 20	LS 20JUL92 LF 8AUG92
DEMOBILIZATION/DECON 0403A22678	OD 2	RD 2	LS 9AUG92 LF 10AUG92
LABORATORY ANALYSIS/REPORT SOIL/BIOL./ETC. 0403A22992	OD 80	RD 80	LS 21APR92 LF 10AUG92
REC LAB REP SOIL 0403A22995	OD 1	RD 1	LS 11AUG92 LF 11AUG92
VALIDATE LABORATORY REPORT 0403A22998	OD 5	RD 5	LS 12AUG92 LF 18AUG92
DATA BASE ENTRY 0403A22999	OD 5	RD 5	LS 19AUG92 LF 25AUG92
OBTAIN LANDLORD PERMISSION 0403A23910	OD 20	RD 20	LS 25FEB92 LF 23MAR92
ENVIRONMENTAL FIELD ACTIVITY 0403A23920	OD 20	RD 20	LS 24MAR92 LF 20APR92
EWMF SAMPLING AND ANALYSIS PLAN			
PREPARE DRAFT H & S PLAN 0430A22110	OD 15	RD 15	LS 3DEC91 LF 23DEC91
DOE/WMCO REVIEW OF H & S PLAN 0430A22120	OD 15	RD 15	LS 24DEC91 LF 13JAN92



Activity Bar/Late Dates
Critical Activity
Progress Bar

Primavera Systems, Inc. 1984-1991

Project Start : 31OCT90
Project Finish: 4MAY01

RI/FS PROJECT SCHEDULES
FERNALD ENVIRONMENTAL MGMT. PROJECT
ENGINEERED WASTE MGMT FAC. LEVEL IV

Sheet 3 of 5

Data Date: 10AUG91
Plot Date: 12SEP91

Prepared by ASI/IT Corp.

Date	Revision	Checked	Approved

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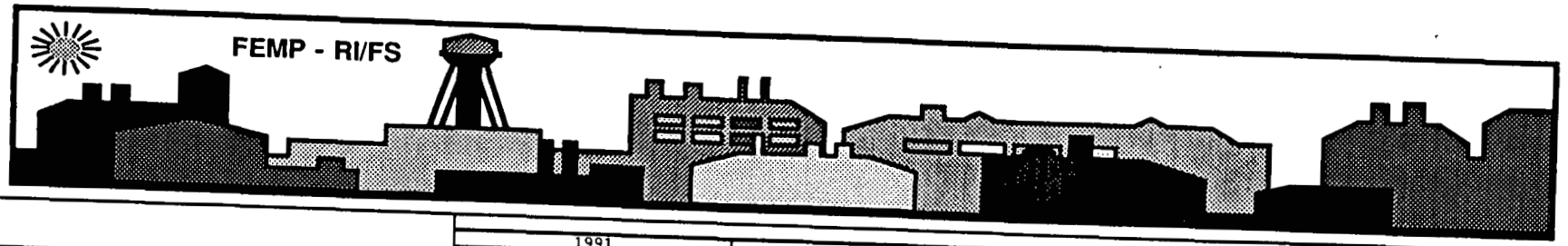

1991: AUG SEP OCT NOV DEC | 1992: JAN FEB MAR APR MAY JUN JUL AUG SEP OCT NOV DEC | 1993: JAN FEB MAR APR

ENGINEERED WASTE MANAGEMENT FACILITY

Activity	OD	RD	LS	LF
EPA COMMENTS SAP 0402A04933	1	1	13DEC91	13DEC91
REVISE SAP 0402A04935	21	21	16DEC91	13JAN92
ISSUE FINAL SAP 0402A04938	1	1	14JAN92	14JAN92
EPA APPROVAL EWMF SAP 0402A04999	21	21	15JAN92	12FEB92

EWMF FIELD INVESTIGATION

Activity	OD	RD	LS	LF
START EWMF FIELD DRILLING PROGRAM 0403A22000	0	0	25FEB92	
PENETRATION PERMIT (EWMF) 0403A22330	3	3	13FEB92	17FEB92
ERA PERMIT APPROVAL OF EWMF WELL LOCATIONS 0403A22332	5	5	18FEB92	24FEB92
RADIATION WORK PERMIT (EWMF) 0403A22338	1	1	25FEB92	25FEB92
EWMF SPECIFIC TRAINING 0403A22540	1	1	25FEB92	25FEB92
MOBILIZATION 0403A22542	5	5	26FEB92	1MAR92
WELL INSTALL./GEOTECH./BIOL./ETC. 0403A22544	35	35	2MAR92	5APR92
SURFACE SOIL SAMPLING 0403A22545	35	35	2MAR92	17APR92
SHIPPING/ARCHIVING 0403A22546	2	2	19APR92	20APR92
FIELD DATA VALIDATION 0403A22547	5	5	5AUG92	11AUG92

Activity Bar/Late Dates
Critical Activity
Progress Bar

Primavera Systems, Inc. 1984-1991

RI/FS PROJECT SCHEDULES
FERNALD ENVIRONMENTAL MGMT. PROJECT
ENGINEERED WASTE MGMT FAC. LEVEL IV

Project Start : 31OCT90
Project Finish: 4MAY01

Sheet 2 of 5

Data Date: 10AUG91
Plot Date: 12SEP91

Prepared by ASI/IT Corp.

Date	Revision	Checked	Approved

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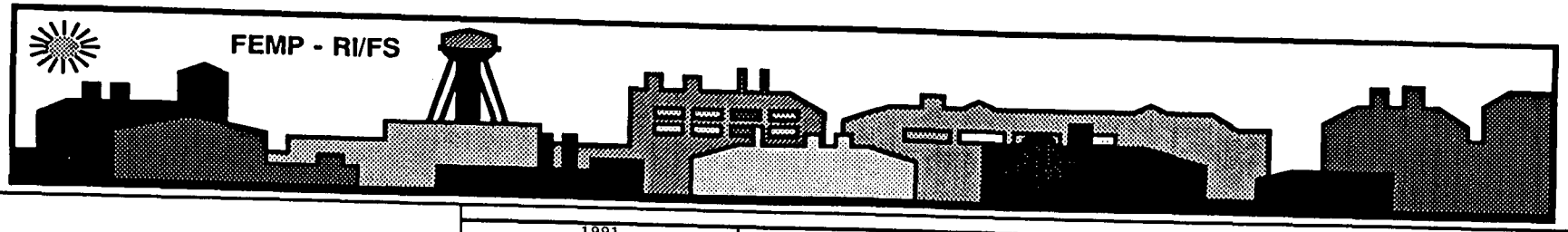

START EWMF/SAP 0402A04900 OD 0 RD 0 AS 18MAR91	START EWMF NEPA SUPPORT 0402A04902 OD 0 RD 0 AS 18MAR91	START GEOCHEMICAL SUPPORT 0402A04904 OD 0 RD 0 AS 18MAR91	START GEOTECHNICAL GEOLOGY/HYDROGEOLOGY SUPPORT 0402A04905 OD 0 RD 0 AS 18MAR91	START EWMF RISK ASSESSMENT 0402A04906 OD 0 RD 0 AS 28MAR91	REVIEW EXISTING DATA - PROGRAM DEVELOPMENT 0402A04915 OD 15 RD 0 AS 18MAR91 AF 8APR91
WRITE SAMPLING ANALYSIS PLAN 0402A04918 OD 26 RD 0 AS 18MAR91 AF 6MAY91	ISSUE PRELIMINARY SAMPLING ANALYSIS PLAN 0402A04920 OD 0 RD 0 AF 6MAY91	DOE/WMCO - FMPC REVIEW 0402A04922 OD 30 RD 0 AS 7MAY91 AF 1JUL91	REVISE SAMPLING ANALYSIS PLAN 0402A04923 OD 20 RD 0 AS 2JUL91 AF 16JUL91	ISSUE REVISED SAP TO DOE 0402A04924 OD 1 RD 0 AS 16JUL91 AF 16JUL91	DOE/WMCO REVIEW REVISED SAP 0402A04925 OD 10 RD 0 AS 17JUL91 AF 5AUG91
INCORPORATE DOE/WMCO COMMENTS REVISE SAP 0402A04926 OD 10 RD 7 AS 6AUG91 LF 12NOV91	ISSUE REVISED SAMPLING ANALYSIS PLAN TO EPA 0402A04927 OD 1 RD 1 LS 13NOV91 LF 13NOV91	EPA/OEPA REVIEW 0402A04930 OD 21 RD 21 LS 14NOV91 LF 12DEC91			

1991: AUG SEP OCT NOV DEC
1992: JAN FEB MAR APR MAY JUN JUL AUG SEP OCT NOV DEC
1993: JAN FEB MAR APR

ENGINEERED WASTE MANAGEMENT FACILITY

Activity Bar/Late Dates
Critical Activity
Progress Bar

Primavera Systems, Inc. 1984-1991

RI/FS PROJECT SCHEDULES
FERNALD ENVIRONMENTAL MGMT. PROJECT
ENGINEERED WASTE MGMT FAC. LEVEL IV

Project Start : 31OCT90
Project Finish: 4MAY01

Sheet 1 of 5

Data Date: 10AUG91
Plot Date: 12SEP91

Prepared by ASI/IT Corp.

Date	Revision	Checked	Approved

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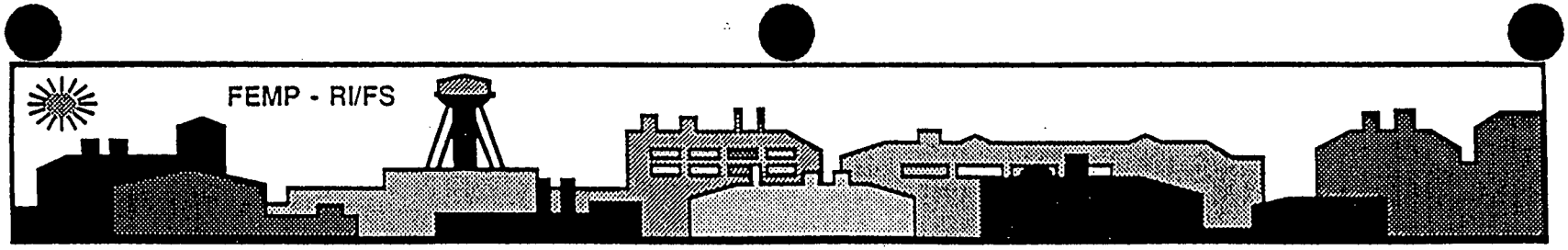
RI/FS PROJECT SCHEDULES | PRIMAVERA PROJECT PLANNER | FERNALD ENVIRONMENTAL MGMT. PROJECT

REPORT DATE 12SEP91 16:52 RUN NO. 478 | Prepared by ASI/IT Corp. | START DATE 31OCT90 FIN DATE 4MAY01

SCHED REP - DETAILED PREC ANAL ENG WASTE MGMT FC | DATA DATE 10AUG91 PAGE NO. 1

ACTIVITY ID	ORIG DUR	REM DUR	%	CODE	ACTIVITY DESCRIPTION	LATE START	LATE FINISH
ENGINEERED WASTE MANAGEMENT FACILITY							
0402A04900	0	0	100	04	START EWMF/SAP	18MAR91A	
..0402A02100*	157	52	67	S SS 0	EWMF SAMPLING AND ANALYSIS PLAN	18MAR91A	14JAN92
..0402A04902	0	0	100	S SS 0	START EWMF NEPA SUPPORT	18MAR91A	
..0402A04904	0	0	100	S FS 0	START GEOCHEMICAL SUPPORT	18MAR91A	
..0402A04905	0	0	100	S FS 0	START GEOTECHNICAL GEOLOGY/HYDROGEOLOGY SUPPORT	18MAR91A	
..0402A04906	0	0	100	S FS 0	START EWMF RISK ASSESSMENT	28MAR91A	
..0434A04920	0	0	0	S FS 0	START EWMF MATERIALS SOURCE SURVEY	1APR92	
0402A04902	0	0	100	04	START EWMF NEPA SUPPORT	18MAR91A	
..0402A04900	0	0	100	P SS 0	START EWMF/SAP	18MAR91A	
0402A04904	0	0	100	04	START GEOCHEMICAL SUPPORT	18MAR91A	
..0402A04900	0	0	100	P FS 0	START EWMF/SAP	18MAR91A	
..0402A04918	26	0	100	S FS 0	WRITE SAMPLING ANALYSIS PLAN	18MAR91A	6MAY91A
0402A04905	0	0	100	04	START GEOTECHNICAL GEOLOGY/HYDROGEOLOGY SUPPORT	18MAR91A	
..0402A04900	0	0	100	P FS 0	START EWMF/SAP	18MAR91A	
..0402A04915	15	0	100	S SS 0	REVIEW EXISTING DATA - PROGRAM DEVELOPMENT	18MAR91A	8APR91A
0402A04906	0	0	100	04	START EWMF RISK ASSESSMENT	28MAR91A	
..0402A04900	0	0	100	P FS 0	START EWMF/SAP	18MAR91A	
0402A04915	15	0	100	04	REVIEW EXISTING DATA - PROGRAM DEVELOPMENT	18MAR91A	8APR91A
..0402A04905	0	0	100	P SS 0	START GEOTECHNICAL GEOLOGY/HYDROGEOLOGY SUPPORT	18MAR91A	
..0402A04918	26	0	100	S FS 0	WRITE SAMPLING ANALYSIS PLAN	18MAR91A	6MAY91A
0402A04918	26	0	100	04	WRITE SAMPLING ANALYSIS PLAN	18MAR91A	6MAY91A
..0402A04904	0	0	100	P FS 0	START GEOCHEMICAL SUPPORT	18MAR91A	
..0402A04915	15	0	100	P FS 0	REVIEW EXISTING DATA - PROGRAM DEVELOPMENT	18MAR91A	8APR91A
..0402A04920	0	0	100	S FS 0	ISSUE PRELIMINARY SAMPLING ANALYSIS PLAN		6MAY91A
..0430A22110	15	15	0	S FS 0	PREPARE DRAFT H & S PLAN	3DEC91	23DEC91
0402A04920	0	0	100	04	ISSUE PRELIMINARY SAMPLING ANALYSIS PLAN		6MAY91A
..0402A04918	26	0	100	P FS 0	WRITE SAMPLING ANALYSIS PLAN	18MAR91A	6MAY91A
..0402A04922	30	0	100	S FS 0	DOE/WMCO - FMPC REVIEW	7MAY91A	1JUL91A
0402A04922	30	0	100	04	DOE/WMCO - FMPC REVIEW	7MAY91A	1JUL91A
..0402A04920	0	0	100	P FS 0	ISSUE PRELIMINARY SAMPLING ANALYSIS PLAN		6MAY91A
..0402A04923	20	0	100	S FS 0	REVISE SAMPLING ANALYSIS PLAN	2JUL91A	16JUL91A
0402A04923	20	0	100	04	REVISE SAMPLING ANALYSIS PLAN	2JUL91A	16JUL91A
..0402A04922	30	0	100	P FS 0	DOE/WMCO - FMPC REVIEW	7MAY91A	1JUL91A
..0402A04924	1	0	100	S FS 0	ISSUE REVISED SAP TO DOE	16JUL91A	16JUL91A

ACTIVITY ID	ORIG DUR	REM DUR	%	CODE	ACTIVITY DESCRIPTION	LATE START	LATE FINISH
ENGINEERED WASTE MANAGEMENT FACILITY							
0402A04924	1	0	100	04	ISSUE REVISED SAP TO DOE	16JUL91A	16JUL91A
..0402A04923	20	0	100 P FS	0	REVISE SAMPLING ANALYSIS PLAN	2JUL91A	16JUL91A
..0402A04925	10	0	100 S FS	0	DOE/WMCO REVIEW REVISED SAP	17JUL91A	5AUG91A
0402A04925	10	0	100	04	DOE/WMCO REVIEW REVISED SAP	17JUL91A	5AUG91A
..0402A04924	1	0	100 P FS	0	ISSUE REVISED SAP TO DOE	16JUL91A	16JUL91A
..0402A04926	10	7	30 S FS	0	INCORPORATE DOE/WMCO COMMENTS REVISE SAP	6AUG91A	12NOV91
0402A04926	10	7	30	04	INCORPORATE DOE/WMCO COMMENTS REVISE SAP	6AUG91A	12NOV91
..0402A04925	10	0	100 P FS	0	DOE/WMCO REVIEW REVISED SAP	17JUL91A	5AUG91A
..0402A04927*	1	1	0 S FS	0	ISSUE REVISED SAMPLING ANALYSIS PLAN TO EPA	13NOV91	13NOV91
0402A04927	1	1	0	04	ISSUE REVISED SAMPLING ANALYSIS PLAN TO EPA	13NOV91	13NOV91
..0402A04926*	10	7	30 P FS	0	INCORPORATE DOE/WMCO COMMENTS REVISE SAP	6AUG91A	12NOV91
.0402A04930*	21	21	0 S FS	0	EPA/OEPA REVIEW	14NOV91	12DEC91
0402A04930	21	21	0	04	EPA/OEPA REVIEW	14NOV91	12DEC91
.0402A04927*	1	1	0 P FS	0	ISSUE REVISED SAMPLING ANALYSIS PLAN TO EPA	13NOV91	13NOV91
.0402A04933*	1	1	0 S FS	0	EPA COMMENTS SAP	13DEC91	13DEC91
0402A04933	1	1	0	04	EPA COMMENTS SAP	13DEC91	13DEC91
.0402A04930*	21	21	0 P FS	0	EPA/OEPA REVIEW	14NOV91	12DEC91
.0402A04935*	21	21	0 S FS	0	REVISE SAP	16DEC91	13JAN92
0402A04935	21	21	0	04	REVISE SAP	16DEC91	13JAN92
.0402A04933*	1	1	0 P FS	0	EPA COMMENTS SAP	13DEC91	13DEC91
.0402A04938*	1	1	0 S FS	0	ISSUE FINAL SAP	14JAN92	14JAN92
0402A04938	1	1	0	04	ISSUE FINAL SAP	14JAN92	14JAN92
.0402A02100*	157	52	67 P FF	0	EWMF SAMPLING AND ANALYSIS PLAN	18MAR91A	14JAN92
.0402A04935*	21	21	0 P FS	0	REVISE SAP	16DEC91	13JAN92
.0402A04999*	21	21	0 S FS	0	EPA APPROVAL EWMF SAP	15JAN92	12FEB92
.0403A23910*	20	20	0 S FS	0	OBTAIN LANDLORD PERMISSION	25FEB92	23MAR92
0402A04999	21	21	0	04	EPA APPROVAL EWMF SAP	15JAN92	12FEB92
.0402A04938*	1	1	0 P FS	0	ISSUE FINAL SAP	14JAN92	14JAN92
.0403A22000*	0	0	0 S FS	0	START EWMF FIELD DRILLING PROGRAM	25FEB92	
.0403A22330*	3	3	0 S FS	0	PENETRATION PERMIT (EWMF)	13FEB92	17FEB92
0403A22338	1	1	0 S FS	0	RADIATION WORK PERMIT (EWMF)	25FEB92	25FEB92
MF SITE CHARACTERIZATION							
0403A22000	0	0	0	04	START EWMF FIELD DRILLING PROGRAM	25FEB92	
0402A04999*	21	21	0 P FS	0	EPA APPROVAL EWMF SAP	15JAN92	12FEB92
0402A02200*	139	139	0 S SS	0	EWMF FIELD INVESTIGATION	25FEB92	25AUG92



	1991						1992												1993			
	JUL	AUG	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR
ENGINEERED WASTE MANAGEMENT FACILITY																						
EWMF SAMPLING AND ANALYSIS PLAN 0402A02100 OD 157 AS 18MAR91 LF 14JAN92																						
EWMF FIELD INVESTIGATION 0402A02200 OD 139 LS 25FEB92 LF 25AUG92																						
EWMF MATERIALS SOURCE SURVEY 0402A02300 OD 135 LS 1APR92 LF 6OCT92																						
EWMF GENERAL SITING REPORT 0402A02400 OD 80 LS 30DEC92 LF 9APR93																						

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Activity Bar/Late Dates
Critical Activity
Progress Bar

Primavera Systems, Inc. 1984-1991

RI/FS PROJECT SCHEDULES
FERNALD ENVIRONMENTAL MGMT. PROJECT
ENGINEERED WASTE MGMT FAC. LEVEL III

Project Start : 31OCT90
Project Finish: 4MAY01

Sheet 1 of 1

Data Date: 10AUG91
Plot Date: 13SEP91

Prepared by ASI/IT Corp.

Date	Revision	Checked	Approved

ACTIVITY ID	ORIG DUR	REM DUR	%		CODE	ACTIVITY DESCRIPTION	LATE START	LATE FINISH
..0403A22540	1	1	0	S FS	0	EWMF SPECIFIC TRAINING	25FEB92	25FEB92
..0438A04905	90	90	0	S SS	0	COMPARATIVE ANALYSIS SITING REQUIREMENTS	26AUG92	29DEC92
0403A22330	3	3	0		04	PENETRATION PERMIT (EWMF)	13FEB92	17FEB92
..0402A04999*	21	21	0	P FS	0	EPA APPROVAL EWMF SAP	15JAN92	12FEB92
..0403A22332*	5	5	0	S SS	3	ERA PERMIT APPROVAL OF EWMF WELL LOCATIONS	18FEB92	24FEB92
0403A22332	5	5	0		04	ERA PERMIT APPROVAL OF EWMF WELL LOCATIONS	18FEB92	24FEB92
..0403A22330*	3	3	0	P SS	3	PENETRATION PERMIT (EWMF)	13FEB92	17FEB92
..0403A22338*	1	1	0	S FS	0	RADIATION WORK PERMIT (EWMF)	25FEB92	25FEB92
0403A22338	1	1	0		04	RADIATION WORK PERMIT (EWMF)	25FEB92	25FEB92
..0402A04999	21	21	0	P FS	0	EPA APPROVAL EWMF SAP	15JAN92	12FEB92
..0403A22332*	5	5	0	P FS	0	ERA PERMIT APPROVAL OF EWMF WELL LOCATIONS	18FEB92	24FEB92
..0403A22542*	5	5	0	S FS	0	MOBILIZATION	26FEB92	1MAR92
0403A22540	1	1	0		04	EWMF SPECIFIC TRAINING	25FEB92	25FEB92
..0403A22000	0	0	0	P FS	0	START EWMF FIELD DRILLING PROGRAM	25FEB92	
..0430A22140*	15	15	0	P FS	0	DOE/WMCO APPROVAL OF H & S PLAN	4FEB92	24FEB92
..0403A22542	5	5	0	S FS	0	MOBILIZATION	26FEB92	1MAR92
0403A22542	5	5	0		04	MOBILIZATION	26FEB92	1MAR92
..0403A22338*	1	1	0	P FS	0	RADIATION WORK PERMIT (EWMF)	25FEB92	25FEB92
..0403A22540	1	1	0	P FS	0	EWMF SPECIFIC TRAINING	25FEB92	25FEB92
..0403A22544*	35	35	0	S FS	0	WELL INSTALL./GEOTECH./BIOL./ETC.	2MAR92	5APR92
0403A22544	35	35	0		04	WELL INSTALL./GEOTECH./BIOL./ETC.	2MAR92	5APR92
..0403A22542*	5	5	0	P FS	0	MOBILIZATION	26FEB92	1MAR92
..0403A22545*	35	35	0	S SS	0	SURFACE SOIL SAMPLING	2MAR92	17APR92
..0403A22546*	2	2	0	S FS	0	SHIPPING/ARCHIVING	19APR92	20APR92
..0403A22548*	5	5	0	S FS	0	DEMOBILIZATION/DECON	14AUG92	18AUG92
..0403A22660*	1	1	0	S SS	10	TASK SPECIFIC WELL DEVELOPMENT TRAINING	18JUL92	18JUL92
..0403A22664*	20	20	0	S SS	40	WELL DEVELOPMENT/SAMPLING (8 WELLS)	20JUL92	8AUG92
0403A22545	35	35	0		04	SURFACE SOIL SAMPLING	2MAR92	17APR92
..0403A22544*	35	35	0	P SS	0	WELL INSTALL./GEOTECH./BIOL./ETC.	2MAR92	5APR92
..0403A22546	2	2	0	S FS	0	SHIPPING/ARCHIVING	19APR92	20APR92
0403A22546	2	2	0		04	SHIPPING/ARCHIVING	19APR92	20APR92
..0403A22544*	35	35	0	P FS	0	WELL INSTALL./GEOTECH./BIOL./ETC.	2MAR92	5APR92
..0403A22545	35	35	0	P FS	0	SURFACE SOIL SAMPLING	2MAR92	17APR92
..0403A22547*	5	5	0	S FS	0	FIELD DATA VALIDATION	5AUG92	11AUG92
..0403A22992*	80	80	0	S FS	0	LABORATORY ANALYSIS/REPORT SOIL/BIOL./ETC.	21APR92	10AUG92

ACTIVITY ID	ORIG DUR	REM DUR	%	CODE	ACTIVITY DESCRIPTION	LATE START	LATE FINISH
EWMF SITE CHARACTERIZATION							
0403A22547	5	5	0	04	FIELD DATA VALIDATION	5AUG92	11AUG92
..0403A22546*	2	2	0 P FS	0	SHIPPING/ARCHIVING	19APR92	20APR92
..0403A22549*	5	5	0 S FS	0	FIELD DATA ENTRY	12AUG92	18AUG92
0403A22548	5	5	0	04	DEMOBILIZATION/DECON	14AUG92	18AUG92
..0403A22544*	35	35	0 P FS	0	WELL INSTALL./GEOTECH./BIOL./ETC.	2MAR92	5APR92
..0403A22549	5	5	0 S FF	0	FIELD DATA ENTRY	12AUG92	18AUG92
0403A22549	5	5	0	04	FIELD DATA ENTRY	12AUG92	18AUG92
..0403A22547*	5	5	0 P FS	0	FIELD DATA VALIDATION	5AUG92	11AUG92
..0403A22548	5	5	0 P FF	0	DEMOBILIZATION/DECON	14AUG92	18AUG92
..0403A22999	5	5	0 S FS	0	DATA BASE ENTRY	19AUG92	25AUG92
0403A22660	1	1	0	04	TASK SPECIFIC WELL DEVELOPMENT TRAINING	18JUL92	18JUL92
..0403A22544*	35	35	0 P SS	10	WELL INSTALL./GEOTECH./BIOL./ETC.	2MAR92	5APR92
..0403A22662*	1	1	0 S FS	0	WELL DEVELOPMENT MOBILIZATION	19JUL92	19JUL92
0403A22662	1	1	0	04	WELL DEVELOPMENT MOBILIZATION	19JUL92	19JUL92
..0403A22660*	1	1	0 P FS	0	TASK SPECIFIC WELL DEVELOPMENT TRAINING	18JUL92	18JUL92
..0403A22664	20	20	0 S FS	0	WELL DEVELOPMENT/SAMPLING (8 WELLS)	20JUL92	8AUG92
0403A22664	20	20	0	04	WELL DEVELOPMENT/SAMPLING (8 WELLS)	20JUL92	8AUG92
..0403A22544*	35	35	0 P SS	40	WELL INSTALL./GEOTECH./BIOL./ETC.	2MAR92	5APR92
..0403A22662	1	1	0 P FS	0	WELL DEVELOPMENT MOBILIZATION	19JUL92	19JUL92
..0403A22678*	2	2	0 S FS	0	DEMOBILIZATION/DECON	9AUG92	10AUG92
0403A22678	2	2	0	04	DEMOBILIZATION/DECON	9AUG92	10AUG92
..0403A22664*	20	20	0 P FS	0	WELL DEVELOPMENT/SAMPLING (8 WELLS)	20JUL92	8AUG92
..0403A22995	1	1	0 S FS	0	REC LAB REP SOIL	11AUG92	11AUG92
0403A22992	80	80	0	04	LABORATORY ANALYSIS/REPORT SOIL/BIOL./ETC.	21APR92	10AUG92
..0403A22546*	2	2	0 P FS	0	SHIPPING/ARCHIVING	19APR92	20APR92
..0403A23920	20	20	0 P FS	0	ENVIRONMENTAL FIELD ACTIVITY	24MAR92	20APR92
..0403A22995*	1	1	0 S FS	0	REC LAB REP SOIL	11AUG92	11AUG92
0403A22995	1	1	0	04	REC LAB REP SOIL	11AUG92	11AUG92
..0403A22678	2	2	0 P FS	0	DEMOBILIZATION/DECON	9AUG92	10AUG92
..0403A22992*	80	80	0 P FS	0	LABORATORY ANALYSIS/REPORT SOIL/BIOL./ETC.	21APR92	10AUG92
..0403A22998*	5	5	0 S FS	0	VALIDATE LABORATORY REPORT	12AUG92	18AUG92
..0434A04907	30	30	0 S FS	0	DRAFT RA TECHNICAL CHAPTER	18NOV92	29DEC92
..0438A04912	20	20	0 S FS	0	DRAFT TECHNICAL CHAPTERS	4NOV92	1DEC92
0403A22998	5	5	0	04	VALIDATE LABORATORY REPORT	12AUG92	18AUG92
..0403A22995*	1	1	0 P FS	0	REC LAB REP SOIL	11AUG92	11AUG92

ACTIVITY ID	ORIG DUR	REM DUR	%	CODE	ACTIVITY DESCRIPTION	LATE START	LATE FINISH
..0403A22999*	5	5	0	S FS 0	DATA BASE ENTRY	19AUG92	25AUG92
0403A22999	5	5	0	04	DATA BASE ENTRY	19AUG92	25AUG92
..0402A02200*	139	139	0	P FF 0	EWMF FIELD INVESTIGATION	25FEB92	25AUG92
..0403A22549	5	5	0	P FS 0	FIELD DATA ENTRY	12AUG92	18AUG92
..0403A22998*	5	5	0	P FS 0	VALIDATE LABORATORY REPORT	12AUG92	18AUG92
..0438A04905*	90	90	0	S FS 0	COMPARATIVE ANALYSIS SITING REQUIREMENTS	26AUG92	29DEC92
MISC. ADDITIONAL WELLS							
0403A23910	20	20	0	04	OBTAIN LANDLORD PERMISSION	25FEB92	23MAR92
..0402A04938*	1	1	0	P FS 0	ISSUE FINAL SAP	14JAN92	14JAN92
..0403A23920*	20	20	0	S FS 0	ENVIRONMENTAL FIELD ACTIVITY	24MAR92	20APR92
0403A23920	20	20	0	04	ENVIRONMENTAL FIELD ACTIVITY	24MAR92	20APR92
..0403A23910*	20	20	0	P FS 0	OBTAIN LANDLORD PERMISSION	25FEB92	23MAR92
..0403A22992	80	80	0	S FS 0	LABORATORY ANALYSIS/REPORT SOIL/BIOL./ETC.	21APR92	10AUG92
EWMF SITE CHARACTERIZATION							
0430A22110	15	15	0	04	PREPARE DRAFT H & S PLAN	3DEC91	23DEC91
..0402A04918	26	0	100	P FS 0	WRITE SAMPLING ANALYSIS PLAN	18MAR91A	6MAY91A
..0430A22120*	15	15	0	S FS 0	DOE/WMCO REVIEW OF H & S PLAN	24DEC91	13JAN92
0430A22120	15	15	0	04	DOE/WMCO REVIEW OF H & S PLAN	24DEC91	13JAN92
..0430A22110*	15	15	0	P FS 0	PREPARE DRAFT H & S PLAN	3DEC91	23DEC91
..0430A22130*	15	15	0	S FS 0	PREPARE FINAL H & S PLAN	14JAN92	3FEB92
0430A22130	15	15	0	04	PREPARE FINAL H & S PLAN	14JAN92	3FEB92
..0430A22120*	15	15	0	P FS 0	DOE/WMCO REVIEW OF H & S PLAN	24DEC91	13JAN92
..0430A22140*	15	15	0	S FS 0	DOE/WMCO APPROVAL OF H & S PLAN	4FEB92	24FEB92
0430A22140	15	15	0	04	DOE/WMCO APPROVAL OF H & S PLAN	4FEB92	24FEB92
..0430A22130*	15	15	0	P FS 0	PREPARE FINAL H & S PLAN	14JAN92	3FEB92
..0403A22540*	1	1	0	S FS 0	EWMF SPECIFIC TRAINING	25FEB92	25FEB92
ENGINEERED WASTE MANAGEMENT FACILITY							
0432A04101	1	1	0	04	OU1 LECHATE ANALYTICAL RESULTS	17SEP92	17SEP92
..0432A04103*	105	105	0	S FS 0	BATCH SORPTION TESTS BROOKHAVEN LAB	18SEP92	11FEB93
..0434A04910*	20	20	0	S FS 0	EWMF ENGINEERING ANALYSIS	7OCT92	3NOV92
..0438A04913	20	20	0	S SS 0	INTEGRATE CHAPTERS/WRITE REPORT	30DEC92	26JAN93
0432A04103	105	105	0	04	BATCH SORPTION TESTS BROOKHAVEN LAB	18SEP92	11FEB93
..0432A04101*	1	1	0	P FS 0	OU1 LECHATE ANALYTICAL RESULTS	17SEP92	17SEP92
..0432A04105*	60	60	0	S SS 65	FINAL FATE AND TRANSPORT MODELING	18DEC92	11MAR93
..0432A04105*	60	60	0	S FF 20	FINAL FATE AND TRANSPORT MODELING	18DEC92	11MAR93

ACTIVITY ID	ORIG DUR	REM DUR	%	CODE	ACTIVITY DESCRIPTION	LATE START	LATE FINISH
ENGINEERED WASTE MANAGEMENT FACILITY							
0432A04105	60	60	0	04	FINAL FATE AND TRANSPORT MODELING	18DEC92	11MAR93
..0432A04103*	105	105	0	P SS 65	BATCH SORPTION TESTS BROOKHAVEN LAB	18SEP92	11FEB93
..0432A04103*	105	105	0	P FF 20	BATCH SORPTION TESTS BROOKHAVEN LAB	18SEP92	11FEB93
..0438A04928*	20	20	0	S FS 0	REVISED EWMF RI/FS SITING REPORT	12MAR93	8APR93
0434A04907	30	30	0	04	DRAFT RA TECHNICAL CHAPTER	18NOV92	29DEC92
..0403A22995	1	1	0	P FS 0	REC LAB REP SOIL	11AUG92	11AUG92
..0438A04912*	20	20	0	P SS 10	DRAFT TECHNICAL CHAPTERS	4NOV92	1DEC92
..0438A04913	20	20	0	S FS 0	INTEGRATE CHAPTERS/WRITE REPORT	30DEC92	26JAN93
0434A04910	20	20	0	04	EWMF ENGINEERING ANALYSIS	7OCT92	3NOV92
..0432A04101*	1	1	0	P FS 0	OU1 LECHATE ANALYTICAL RESULTS	17SEP92	17SEP92
..0434A04925	30	30	0	P FS 0	EWMF/MSS REPORT	26AUG92	6OCT92
..0438A04910	0	0	0	S FS 0	START EWMF RI/FS SITING REPORT	30DEC92	
..0438A04912*	20	20	0	S FS 0	DRAFT TECHNICAL CHAPTERS	4NOV92	1DEC92
0434A04920	0	0	0	04	START EWMF MATERIALS SOURCE SURVEY	1APR92	
..0402A04900	0	0	100	P FS 0	START EWMF/SAP	18MAR91A	
..0402A02300*	135	135	0	S SS 0	EWMF MATERIALS SOURCE SURVEY	1APR92	6OCT92
..0434A04922	80	80	0	S SS 20	CLAY/BENTONITE LAB ANALYSIS	6MAY92	25AUG92
..0434A04923*	25	25	0	S SS 0	REVIEW EXISTING DATA - VISIT VENDORS AND SAMPLE	1APR92	5MAY92
0434A04922	80	80	0	04	CLAY/BENTONITE LAB ANALYSIS	6MAY92	25AUG92
..0434A04920	0	0	0	P SS 20	START EWMF MATERIALS SOURCE SURVEY	1APR92	
..0434A04923*	25	25	0	P FS 0	REVIEW EXISTING DATA - VISIT VENDORS AND SAMPLE	1APR92	5MAY92
..0434A04925*	30	30	0	S FS 0	EWMF/MSS REPORT	26AUG92	6OCT92
0434A04923	25	25	0	04	REVIEW EXISTING DATA - VISIT VENDORS AND SAMPLE	1APR92	5MAY92
..0434A04920*	0	0	0	P SS 0	START EWMF MATERIALS SOURCE SURVEY	1APR92	
..0434A04922*	80	80	0	S FS 0	CLAY/BENTONITE LAB ANALYSIS	6MAY92	25AUG92
0434A04925	30	30	0	04	EWMF/MSS REPORT	26AUG92	6OCT92
..0402A02300*	135	135	0	P FF 0	EWMF MATERIALS SOURCE SURVEY	1APR92	6OCT92
..0434A04922*	80	80	0	P FS 0	CLAY/BENTONITE LAB ANALYSIS	6MAY92	25AUG92
..0434A04910	20	20	0	S FS 0	EWMF ENGINEERING ANALYSIS	7OCT92	3NOV92
..0438A04912	20	20	0	S FS 0	DRAFT TECHNICAL CHAPTERS	4NOV92	1DEC92
0438A04905	90	90	0	04	COMPARATIVE ANALYSIS SITING REQUIREMENTS	26AUG92	29DEC92
..0403A22000	0	0	0	P SS 0	START EWMF FIELD DRILLING PROGRAM	25FEB92	
..0403A22999*	5	5	0	P FS 0	DATA BASE ENTRY	19AUG92	25AUG92
..0438A04910*	0	0	0	S FS 0	START EWMF RI/FS SITING REPORT	30DEC92	
0438A04910	0	0	0	04	START EWMF RI/FS SITING REPORT	30DEC92	
..0402A02200	139	139	0	P FS 0	EWMF FIELD INVESTIGATION	25FEB92	25AUG92

ACTIVITY ID	ORIG DUR	REM DUR	%	CODE	ACTIVITY DESCRIPTION	LATE START	LATE FINISH
..0434A04910	20	20	0	P FS 0	EWMF ENGINEERING ANALYSIS	7OCT92	3NOV92
..0438A04905*	90	90	0	P FS 0	COMPARATIVE ANALYSIS SITING REQUIREMENTS	26AUG92	29DEC92
..0438A04912	20	20	0	P FS 0	DRAFT TECHNICAL CHAPTERS	4NOV92	1DEC92
..0402A02400*	80	80	0	S SS 0	EWMF GENERAL SITING REPORT	30DEC92	9APR93
..0438A04913*	20	20	0	S SS 0	INTEGRATE CHAPTERS/WRITE REPORT	30DEC92	26JAN93
0438A04912	20	20	0	04	DRAFT TECHNICAL CHAPTERS	4NOV92	1DEC92
..0403A22995	1	1	0	P FS 0	REC LAB REP SOIL	11AUG92	11AUG92
..0434A04910*	20	20	0	P FS 0	EWMF ENGINEERING ANALYSIS	7OCT92	3NOV92
..0434A04925	30	30	0	P FS 0	EWMF/MSS REPORT	26AUG92	6OCT92
..0434A04907*	30	30	0	S SS 10	DRAFT RA TECHNICAL CHAPTER	18NOV92	29DEC92
..0438A04910	0	0	0	S FS 0	START EWMF RI/FS SITING REPORT	30DEC92	
0438A04913	20	20	0	04	INTEGRATE CHAPTERS/WRITE REPORT	30DEC92	26JAN93
..0432A04101	1	1	0	P SS 0	OU1 LECHATE ANALYTICAL RESULTS	17SEP92	17SEP92
..0434A04907	30	30	0	P FS 0	DRAFT RA TECHNICAL CHAPTER	18NOV92	29DEC92
..0438A04910*	0	0	0	P SS 0	START EWMF RI/FS SITING REPORT	30DEC92	
..0438A04915*	5	5	0	S FS 0	INTERNAL REVIEW ASI/IT	27JAN93	2FEB93
0438A04915	5	5	0	04	INTERNAL REVIEW ASI/IT	27JAN93	2FEB93
..0438A04913*	20	20	0	P FS 0	INTEGRATE CHAPTERS/WRITE REPORT	30DEC92	26JAN93
..0438A04918*	5	5	0	S FS 0	INCORPORATE INTERNAL REVIEW COMMENTS	3FEB93	9FEB93
0438A04918	5	5	0	04	INCORPORATE INTERNAL REVIEW COMMENTS	3FEB93	9FEB93
..0438A04915*	5	5	0	P FS 0	INTERNAL REVIEW ASI/IT	27JAN93	2FEB93
..0438A04920*	1	1	0	S FS 0	DELIVER PRELIMINARY REPORT	10FEB93	10FEB93
0438A04920	1	1	0	04	DELIVER PRELIMINARY REPORT	10FEB93	10FEB93
..0438A04918*	5	5	0	P FS 0	INCORPORATE INTERNAL REVIEW COMMENTS	3FEB93	9FEB93
..0438A04923*	20	20	0	S FS 0	DOE/WMCO FMPC REVIEW	11FEB93	10MAR93
0438A04923	20	20	0	04	DOE/WMCO FMPC REVIEW	11FEB93	10MAR93
..0438A04920*	1	1	0	P FS 0	DELIVER PRELIMINARY REPORT	10FEB93	10FEB93
..0438A04925*	1	1	0	S FS 0	DOE/WMCO COMMENTS EWMF RI/FS SITING REPORT	11MAR93	11MAR93
0438A04925	1	1	0	04	DOE/WMCO COMMENTS EWMF RI/FS SITING REPORT	11MAR93	11MAR93
..0438A04923*	20	20	0	P FS 0	DOE/WMCO FMPC REVIEW	11FEB93	10MAR93
..0438A04928	20	20	0	S FS 0	REVISED EWMF RI/FS SITING REPORT	12MAR93	8APR93
0438A04928	20	20	0	04	REVISED EWMF RI/FS SITING REPORT	12MAR93	8APR93
..0432A04105*	60	60	0	P FS 0	FINAL FATE AND TRANSPORT MODELING	18DEC92	11MAR93
..0438A04925	1	1	0	P FS 0	DOE/WMCO COMMENTS EWMF RI/FS SITING REPORT	11MAR93	11MAR93
..0438A04929*	1	1	0	S FS 0	DELIVER REVISED EWMF RI/FS SITING REPORT	9APR93	9APR93

ACTIVITY ID	ORIG DUR	REM DUR	%	CODE	ACTIVITY DESCRIPTION	LATE START	LATE FINISH
ENGINEERED WASTE MANAGEMENT FACILITY							
0438A04929	1	1	0	04	DELIVER REVISED EWMF RI/FS SITING REPORT	9APR93	9APR93
..0402A02400*	80	80	0	P FF 0	EWMF GENERAL SITING REPORT	30DEC92	9APR93
..0438A04928*	20	20	0	P FS 0	REVISED EWMF RI/FS SITING REPORT	12MAR93	8APR93
..1315A30101	40	40	0	S FS 0	REVISE ALTERNATIVES	12APR93	4JUN93
..3315A30101	40	40	0	S FS 0	REVISE ALTERNATIVES	25MAY95	19JUL95
..5315A30102	40	40	0	S FS 0	REVISE ALTERNATIVES	21OCT93	15DEC93

RI/FS Activity Description Library

2297

Sept.12, 1991

Activity Data:

Activity ID	**0200A02100**		
Activity Title	***WORK PLAN REVISIONS***		
Start	**17-Jun-91*A***		
Finish	**29-Jul-91*A***		
Remaining Duration		Revision #	**0**
Total Float		Revision Date	**12-Sep-91**

Scope Description:

This RI/FS Work Plan addendum is required to provide the specific details of the methodologies, parameters and exposure scenarios to be utilized in RI/FS risk assessment and risk management activities. The work plan addendum will specifically address the methodology for conducting OU baseline and FS risk assessments, the special FS cumulative risk assessment and the sitewide comprehensive risk assessment. The revised work plan will incorporate the substantive information needed to complete the various tasks. By incorporating the specific details into the work plan, the review and approval process is reduced to a single effort upfront rather than a continuous and recurring process for each technical or management issue that may arise.

Assumptions:

The methodology and organizational approach (from a technical frame of reference) is sound and provides an effective way of completing the RI.

The review and approval of the addendum does not result in additional technical and management issues that need to be addressed through the DOE - EPA resolution process.

The two sections above can be defined as the technical and political obstacles. Additional assumptions affecting the scope duration include the development of the revised QA program and the CERCLA integration process. Each of these programs can affect the Work Plan addendum.

000058

RI/FS Activity Description Library

Sept.12, 1991

Activity Data:

Activity ID	0200A02500		
Activity Title	*DOE REVIEW/REVISE/APPROVE*		
Start	30-Jul-91A		
Finish	25-Sep-91		
Remaining Duration	33	Revision #	0
Total Float	30	Revision Date	12-Sep-91

Scope Description:

DOE will review the document for completeness and accuracy for both the RI and FS portions of the program. The integration of the various addenda must be evaluated and approved to ensure a smooth and efficient process for the completion of the RI/FS at the Fernald site.

Assumptions:

Some of the key assumptions not included in this schedule are related to the resolution of some significant technical issues involving risk assessments (baseline feasibility), quality assurance, CERCLA/RCRA integration, and treatability studies.

000059

RI/FS Activity Description Library

2297

Sept.12, 1991

Activity Data:

Activity ID	0200A02600
Activity Title	*EPA REVIEW/REVISE/APPROVE*
Start	26-Sep-91
Finish	21-Nov-91

Remaining Duration	41	Revision #	0
Total Float	30	Revision Date	12-Sep-91

Scope Description:

EPA will review, comment, and approve the Work Plan addendum. The approval of this document is expected to reduce the review efforts later in the RI/FS process, particularly in risk assessments. With this objective in mind the EPA review process is expected to cover a number of significant issues.

Assumptions:

The primary assumptions are related to the scope and deliverable as stated above. The schedule duration is predicated on the acceptance by the EPA with only minor difficulties.

000060

RI/FS Activity Description Library

Sept.12, 1991

Activity Data:

Activity ID	**0206A01500**
Activity Title	***DELIVER PRELIM. SITE CHARACT. REPORT TO DOE***
Start	
Finish	**26-Mar-92**

Remaining Duration		Revision #	**0**
Total Float	**66**	Revision Date	**12-Sep-91**

Scope Description:

Milestone activity for the date the preliminary site characterization report is delivered to DOE.

Assumptions:

RI/FS Activity Description Library

Sept.12, 1991

Activity Data:

Activity ID	0206A01503
Activity Title	*DOE RESPONSE DRAFT PRELIM SC REPORT*
Start	
Finish	23-Apr-92

Remaining Duration		Revision #	0
Total Float	66	Revision Date	12-Sep-91

Scope Description:

Milestone activity for the date DOE-HQ returns the comments to the preliminary site characterization report.

Assumptions:

RI/FS Activity Description Library

Sept.12, 1991

Activity Data:

Activity ID	**0206A01600**		
Activity Title	***DELIVER PRELIM SC REPORT TO EPA***		
Start			
Finish	**21-Jul-92**		
Remaining Duration		Revision #	**0**
Total Float	**66**	Revision Date	**12-Sep-91**

Scope Description:

Milestone activity for the date the source characterization will be delivered to EPA.

Assumptions:

000063

RI/FS Activity Description Library

2297

Sept.12, 1991

Activity Data:

Activity ID	0206A02100		
Activity Title	*PREPARE PRELIM SITE CHARACTERIZATION REPORT*		
Start	26-Jul-91A		
Finish	25-Mar-92		
Remaining Duration	163	Revision #	0
Total Float	66	Revision Date	12-Sep-91

Scope Description:

Preparing a site characterization report (secondary document) consistent with the following outline:

PRELIMINARY
SITE CHARACTERIZATION REPORT

INTRODUCTION

- Define purpose of document
- Facility description
- Project background and status
- Project approach (OU concept, RA approach, comprehensive OU,etc.)
- Report framework (report organization)

SITE SETTING

- Site history/background
- Discussion of climatic conditions, geology, hydrology, hydrogeology, ecology, demographics, land use, etc.

SITE CHARACTERIZATION

- Discussion of past studies, current effort (RI/FS, etc.), planned investigation
- Explanation of sample collection methodologies, number of samples, where collected, etc.

NATURE AND EXTENT OF CONTAMINATION

- Summarization in tabular format, with figures, foldouts (fence diagrams, x-sections, etc.) of past and current data collection (up to specified cutoff)
- Address quality of data and data validation process status

FATE AND TRANSPORT

- Describe source, pathway, receptor framework
- Describe intermedia relationships
- Discuss models (reference and supplement, as necesssary, the RI/FS Work Plan Addenda) including pathway, transport (till, flow, solute), soil erosion, AIRDOS, geochemical, etc.
- Contaminant migration

000064

BASELINE RISK ASSESSMENT

- Brief description of BRA process
- Summarize Preliminary Baseline Risk Assessment (exposure, toxicity assessments, risk characterization) based upon data presented in Nature and Extent Section
- Ecological Assessment
- Substance of BRA consistent with guidance, format of BRA in slight variance with guidance (Introduction sections, etc.)
- Reference and Supplement RI/FS Work Plan Addenda to extent practical
- Address uncertainty in Preliminary Risk Assessment and additional data to be collected
- Summarize results

DESCRIPTION OF REMEDIAL ALTERNATIVES

- Brief summary of status of FS for each OU
- Brief description of remaining alternatives for each OU

SELECTION OF CANDIDATE FOR USE IN OU FS RAs

- Qualify selection process to state only for purposes of estimating risk contribution for sitewide risk analysis in OU FSs
- Qualitative selection of candidates for use in OU FS RAs cumulative risk analysis and logic of selection

SUMMARY AND CONCLUSIONS

The document will provide a summarization of site characterization data available as of July 1, 1990 and provide for the completion of a preliminary site-wide baseline risk assessment. Additionally, the document will review the remaining alternatives in the OU FSs and qualitatively select (with justification) leading candidates for use in the site-wide cumulative FS/RAs. Involves the tabulation and graphical representation of available data and the completion of significant fate and transport modeling in addition to the presentation, for essentially the first time, to the internal reviewers and EPA of the application of the approved WP addendum for the risk assessment process. Considerable comments are anticipated on this report which are assumed to be responded to in the issuance of a revised document. The report is estimated to be approximately 450 pages in length.

Assumptions:

Compilation of all available site characterization data in tabular form only.

Validation documents for models employed will not be a component of the report.

Model code information and input parameters will be provided at summary level only.

Description of OU alternatives will be summary level only and will generally reference the OU ISA reports.

Selection of OU alternatives will be qualitative only with no calculational or risk assessment analysis required.

Substantive portions of report cannot be initiated until approval of Work Plan addendum for risk assessment.

This document is a feeder to all RI and FS reports.

RI/FS Activity Description Library

Sept.12, 1991

Activity Data:

Activity ID	0206A02500
Activity Title	*DOE REVIEW/REVISE/APPROVE PRELIM SC REPORT*
Start	26-Mar-92
Finish	21-Jul-92

Remaining Duration	84	Revision #	0
Total Float	66	Revision Date	12-Sep-91

Scope Description:

This activity provides for a review of the preliminary site characterization report by DOE and its contractors, comment response/resolution, report revision and final approval for submission to U.S. EPA by EM-40.

Assumptions:

Comments do not require significant change to technical content and format.

RI/FS Activity Description Library

Sept.12, 1991

Activity Data:

Activity ID	0206A02600
Activity Title	*EPA REVIEW/REVISE/APPROVE PRELIM SC REPORT*
Start	22-Jul-92
Finish	17-Sep-92

Remaining Duration	42	Revision #	0
Total Float	66	Revision Date	12-Sep-91

Scope Description:

This activity includes the review of the preliminary site characterization report by U.S. EPA and OEPA, comment response/resolution and report revision.

Assumptions:

A comment response document will be prepared and resolution sought with the agencies and a revised document prepared even though this is a secondary (feeder) document.

000067

RI/FS Activity Description Library

2297

Sept.12, 1991

Activity Data:

Activity ID	0402A02100		
Activity Title	*EWMF SAMPLING AND ANALYSIS PLAN*		
Start	18-Mar-91A		
Finish	22-Oct-91		
Remaining Duration	52	Revision #	0
Total Float	60	Revision Date	12-Sep-91

Scope Description:

Based on a survey of existing site and regional data sources, a Sampling and Analysis Plan (SAP) is being developed as an addendum to the existing RI/FS Work Plan. The SAP will be used to gather data for physical characterization of the proposed on-property study area (approximately 330 acres, located north and east of the production area fences). The SAP will address RI/FS and NEPA technical specialty data requirements within the study area to support the following:

Determine the nature and extent of any contamination in the EWMF study area.

Develop a baseline risk assessment to establish baseline conditions for comparing potential public health and environmental risks associated with the EWMF.

Perform a detailed analysis of the EWMF as an on-property technology option per OSWER Directive 9355.3-01.

The SAP will specify data to be collected through the placement of monitoring well and geotechnical boreholes. Radiological, chemical, geochemical, and geotechnical samples will be taken at various depths within each borehole. In addition, surface soil radiation surveys (gamma and radon flux), as well as biological resources and off-property land use activities will be conducted to support public health and and environmental assessments.

Assumptions:

Sampling program results do not indicate any anomalies requiring additional sampling efforts.

All document review comments from DOE are coordinated and verbally resolved prior to formal document revision.

000068

RI/FS Activity Description Library

Sept.12, 1991

Activity Data:

Activity ID	0402A02200		
Activity Title	*EWMF FIELD INVESTIGATION*		
Start	21-Nov-91		
Finish	02-Jun-92		
Remaining Duration	139	Revision #	0
Total Float	68	Revision Date	12-Sep-91

Scope Description:

The EWMF field program will implement the EWMF Sampling and Analysis Plan (SAP). The specified data will be collected through the placement of monitoring well and geotechnical boreholes. Radiological, chemical, geochemical, and geotechnical samples will be taken at various depths within each borehole for laboratory analysis. In addition, surface soil radiation surveys (gamma and radon flux), as well as biological resources and off-property land use activities will be conducted to support public health and environmetal assessments.

Assumptions:

Work package approval by CCB.

EWMF SAP approval by U.S. EPA.

000069

RI/FS Activity Description Library

Sept.12, 1991

Activity Data:

Activity ID	0402A02300		
Activity Title	*EWMF MATERIALS SOURCE SURVEY*		
Start	17-Dec-91		
Finish	22-Jun-92		
Remaining Duration	135	Revision #	0
Total Float	76	Revision Date	12-Sep-91

Scope Description:

The EWMF Materials Source Survey (MSS) will determine the off-property regional availability, quantity, and suitability of the materials that may comprise the EWMF structure including: concrete, clay, aggregates, and fill soils.

Assumptions:

Work package approval by CCB.

No Sampling and Analysis Plan is required.

Concrete mix design for geochemical analysis.

Samples of composite treated waste leachate from Operable Unit 1.

Treatability tests for batch sorption testing.

RI/FS Activity Description Library

Sept.12, 1991

Activity Data:

Activity ID	0402A02400		
Activity Title	*EWMF GENERAL SITING REPORT*		
Start	07-Oct-92		
Finish	23-Feb-93		
Remaining Duration	100	Revision #	0
Total Float	60	Revision Date	12-Sep-91

Scope Description:

The EWMF RI/FS Siting Report will address the suitability of locations within the FMPC for siting of an engineered waste management facility designed to hold all contaminated operable unit waste forms.

Assumptions:

Work package will be approved by CCB.

Availability of radiological and geochemical laboratory data.

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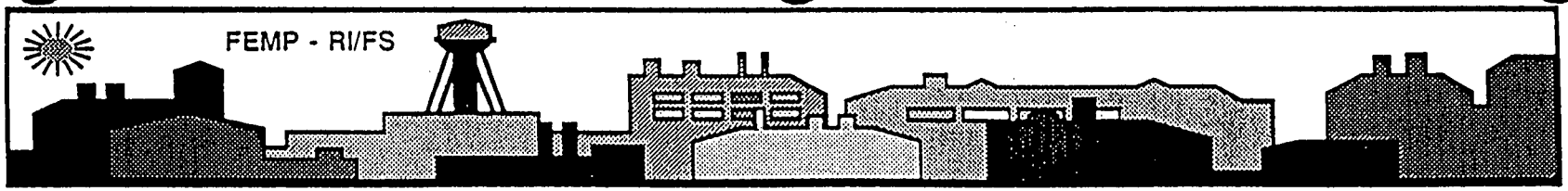
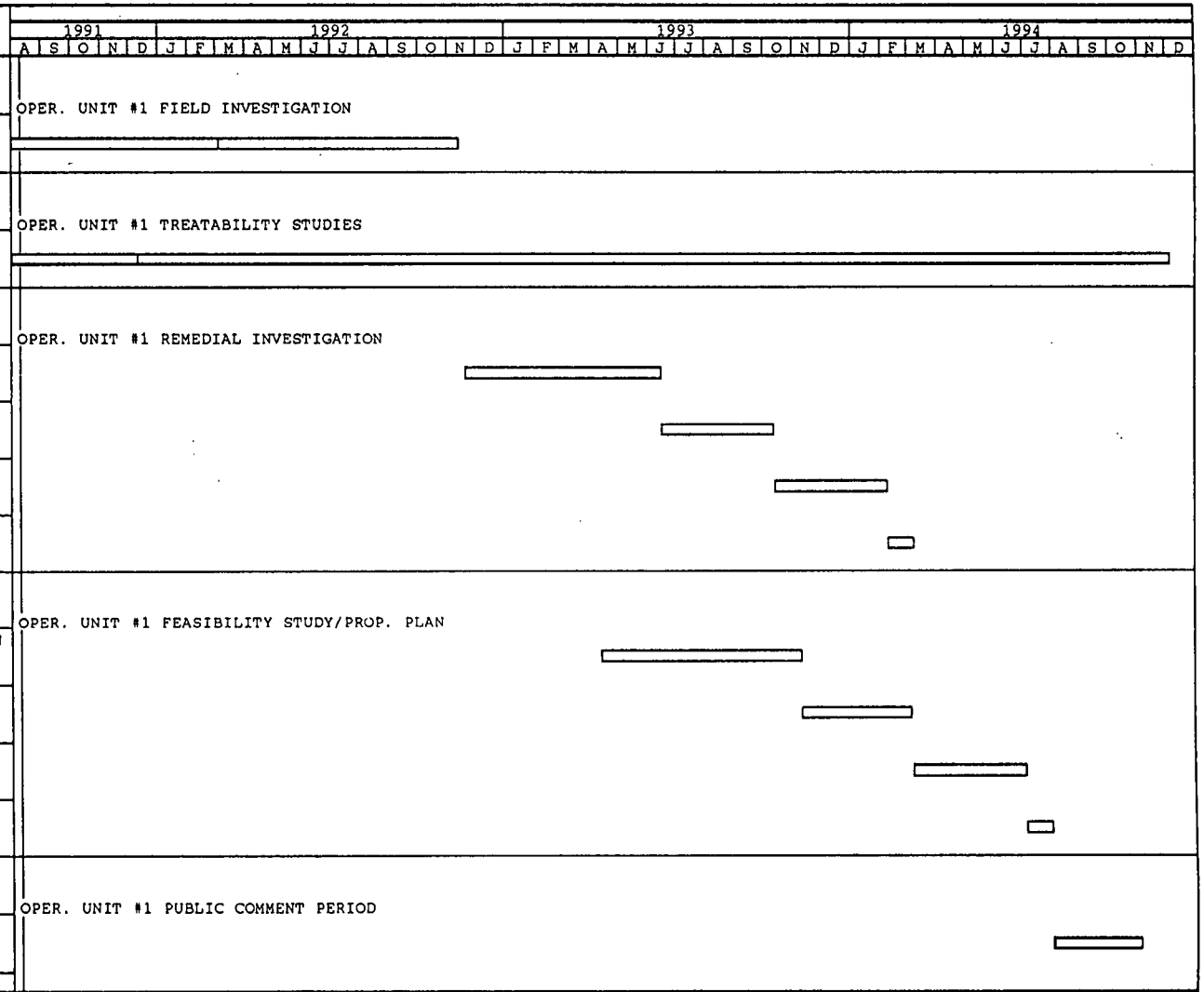
Operable Unit 1

Waste Pits 1 through 6, Clearwell, burn pit, berms, liners, and associated soil identified in the RI/FS Work Plan Addendum

Schedules



OPERABLE UNIT RELATED FIELD ACTIVITIES 1203A02000 OD 251 AS 1MAR91 LF 12NOV92	OPER. UNIT #1 FIELD INVESTIGATION
TREATABILITY STUDIES 1205A02000 OD 688 AS 30APR91 LF 5DEC94	OPER. UNIT #1 TREATABILITY STUDIES
REMEDIAL INVESTIGATION REPORT PREPARATION 1206A02100 OD 149 LS 20NOV92 LF 14JUN93	OPER. UNIT #1 REMEDIAL INVESTIGATION
DOE RI REVIEW/REVISE/APPROVE 1206A02500 OD 85 LS 15JUN93 LF 11OCT93	
EPA RI REVIEW & APPROVE 1206A02600 OD 84 LS 13OCT93 LF 7FEB94	
PRINT AND DISTRIBUTE FINAL RI REPORT 1206A02700 OD 20 LS 8FEB94 LF 7MAR94	
FEASIBILITY STUDY/PROPOSED PLN REPORT PREPARATN 1315A02100 OD 151 LS 12APR93 LF 8NOV93	OPER. UNIT #1 FEASIBILITY STUDY/PROP. PLAN
DOE FS/PP REVIEW/REVISE/APPROVE 1315A02500 OD 84 LS 9NOV93 LF 4MAR94	
EPA FS/PP REVIEW/REVISE/APPROVE 1315A02600 OD 86 LS 7MAR94 LF 4JUL94	
PRINT AND DISTRIBUTE FINAL FS/PP REPORT 1315A02700 OD 20 LS 5JUL94 LF 1AUG94	
PUBLIC COMMENT 1318A02100 OD 68 LS 2AUG94 LF 3NOV94	OPER. UNIT #1 PUBLIC COMMENT PERIOD



Activity Bar/Late Dates
Critical Activity
Progress Bar

Primavera Systems, Inc. 1984-1991

RI/FS PROJECT SCHEDULES
FERNALD ENVIRONMENTAL MGMT. PROJECT
OPERABLE UNIT 1 BAR CHART LEVEL III

Project Start : 31OCT90
Project Finish: 4MAY01

Sheet 1 of 2

Data Date: 10AUG91
Plot Date: 13SEP91

Prepared by ASI/IT Corp.

Date	Revision	Checked	Approved

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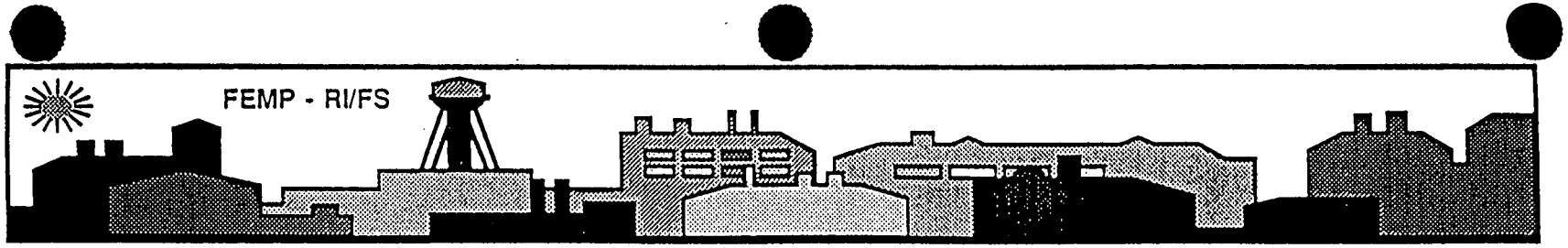

DELIVER OU1 DRAFT ROD TO EPA 1319A01070 OD 0 LF 6DEC94	OPER. UNIT #1 DRAFT ROD
DRAFT ROD PREPARATION 1319A02100 OD 48 LS 4JUL94 LF 7SEP94	
DOE DRAFT ROD REVIEW/REVISE/APPROVE 1319A02500 OD 233 LS 7SEP94 LF 6DEC94	

1991 A S O N D | 1992 J F M A M J J A S O N D | 1993 J F M A M J J A S O N D | 1994 J F M A M J J A S O N D

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Activity Bar/Late Dates
Critical Activity
Progress Bar

Primavera Systems Inc. 1984-1991

Project Start : 31OCT90
Project Finish: 1MAY01

RI/FS PROJECT SCHEDULES
FERNALD ENVIRONMENTAL MGMT. PROJECT
OPERABLE UNIT 1 BAR CHART LEVEL III

Sheet 2 of 2

Data Date: 10AUG91
Plot Date: 12SEP91

Prepared by ASI/IT Corp.

Date	Revision	Checked	Approved

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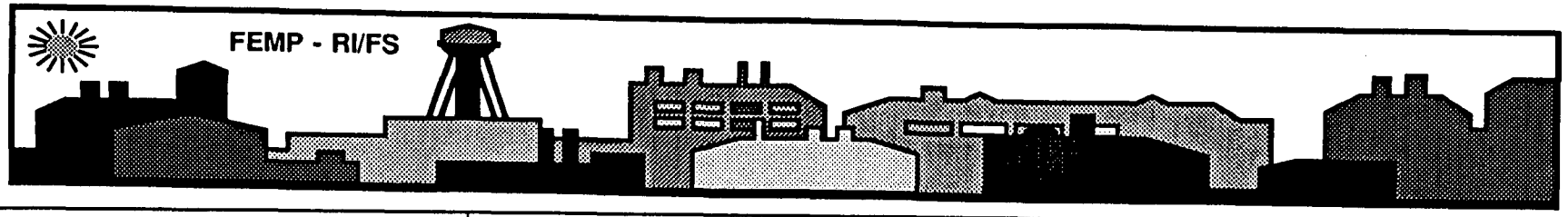

AUTHORIZATION TO PROCEED/CCB APPROVAL 1203A15001 OD 20 RD 0 AS 1MAR91 AF 26MAR91	OPER. UNIT #1 FIELD INVESTIGATION
PREPARE FINAL H&S PLAN 1203A15214 OD 30 RD 0 AS 28MAR91 AF 10MAY91	
DOE/WMCO APPROVAL H&S WORK PLAN 1203A15215 OD 0 RD 0 AF 14MAY91	
PENETRATION PERMIT (OU1 SAMPLING) 1203A15330 OD 3 RD 0 AS 11JUN91 AF 14JUN91	
RADIATION WORK PERMIT (OU1 SAMPLING) 1203A15338 OD 1 RD 0 AS 14JUN91 AF 15JUN91	
OU1 SAMPLING SPECIFIC TRAINING 1203A15540 OD 2 RD 0 AS 14JUN91 AF 15JUN91	
MOBILIZATION/PROCUREMENT 1203A15542 OD 15 RD 0 AS 29MAR91 AF 11JUN91	
BUILD WASTE PIT ROADS 1203A15543 OD 85 RD 38 AS 3JUN91 LF 3OCT91	
WELL INSTALLATION (13 LOCATIONS) 1203A15544 OD 65 RD 28 AS 17JUN91 LF 19SEP91	
EXTRACTIONS PIT 2 1203A15545 OD 10 RD 10 LS 6SEP91 LF 19SEP91	
SHIPPING/ARCHIVING 1203A15546 OD 2 RD 2 LS 21SEP91 LF 22SEP91	
FIELD DATA VALIDATION 1203A15547 OD 5 RD 5 LS 30OCT92 LF 5NOV92	
DEMOBILIZATION 1203A15548 OD 5 RD 5 LS 20SEP91 LF 24SEP91	
FIELD DATA ENTRY 1203A15549 OD 5 RD 5 LS 6NOV92 LF 12NOV92	
OEPA APPROVAL REVISION PIT 4 CLOSURE PLAN 1203A15550 OD 0 RD 0 AS 26JUL91	

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Activity Bar/Late Dates
Critical Activity
Progress Bar

Primavera Systems, Inc. 1984-1991

RI/FS PROJECT SCHEDULES
FERNALD ENVIRONMENTAL MGMT. PROJECT
OPERABLE UNIT 1 BAR CHART LEVEL IV

Sheet 1 of 14

Project Start : 31OCT90
Project Finish: 4MAY01

Data Date: 10AUG91
Plot Date: 12SEP91

Prepared by ASI/IT Corp.

Date	Revision	Checked	Approved

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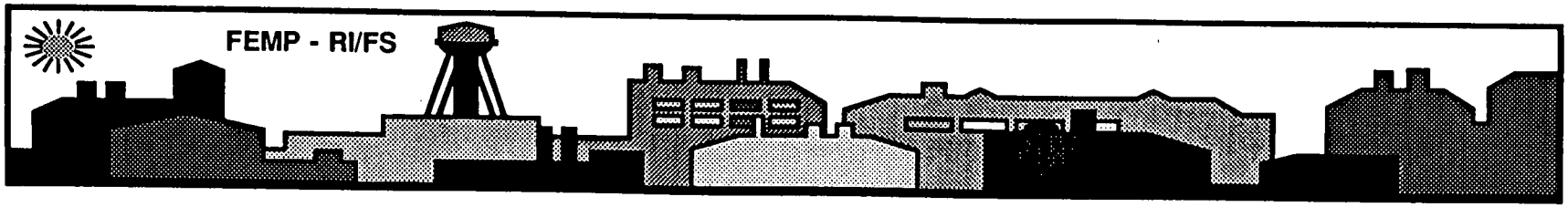
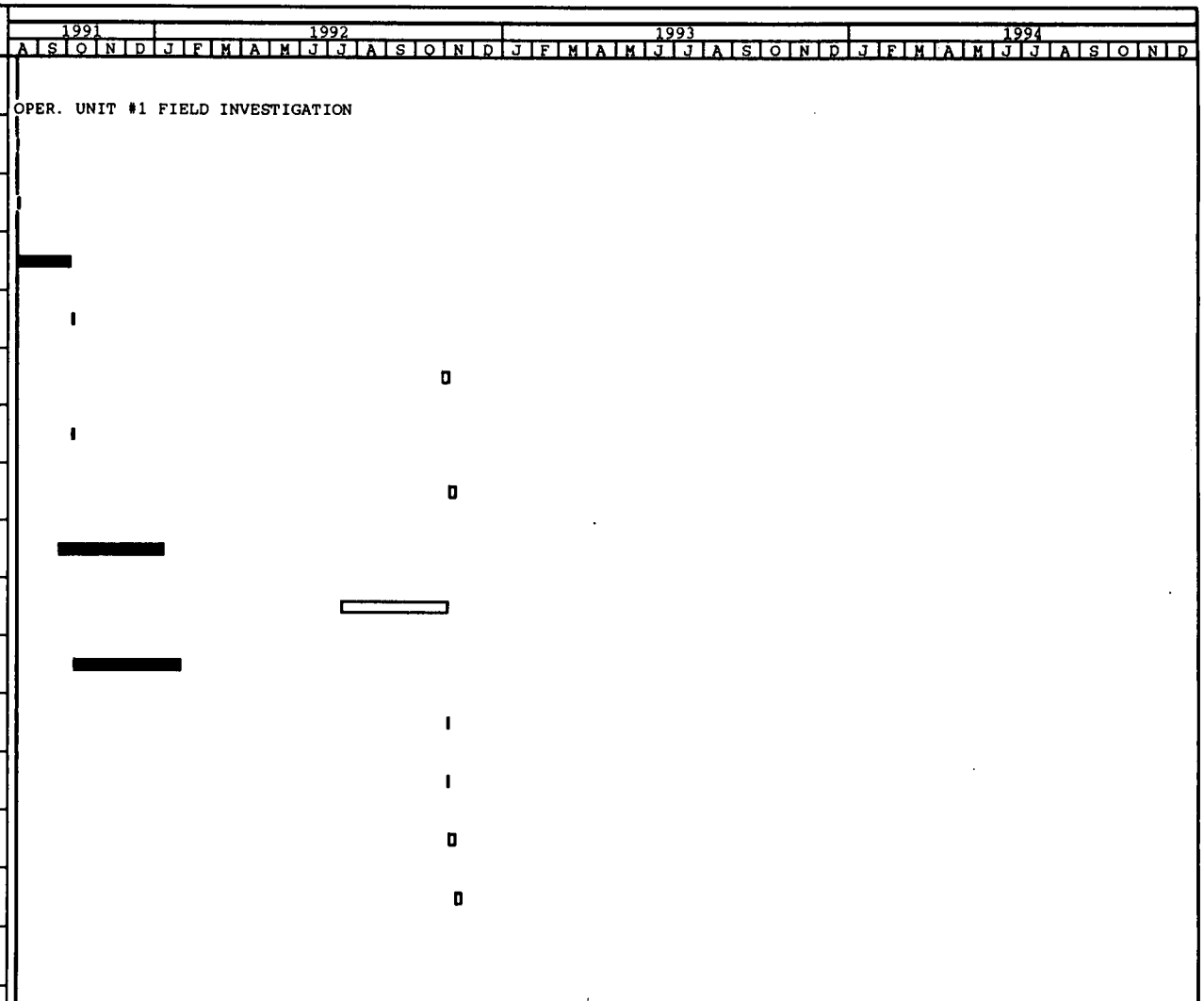


TASK SPECIFIC WELL DEVELOPMENT TRAINING 1203A15660	OD 1	RD 1	LS 11AUG91 LF 11AUG91
WELL DEVELOPMENT MOBILIZATION 1203A15662	OD 1	RD 1	LS 12AUG91 LF 12AUG91
WELL DEVELOPMENT/SAMPLING 1203A15664	OD 39	RD 39	LS 13AUG91 LF 4OCT91
SHIPPING/ARCHIVING 1203A15676	OD 2	RD 2	LS 7OCT91 LF 8OCT91
FIELD DATA VALIDATION 1203A15677	OD 5	RD 5	LS 30OCT92 LF 5NOV92
DEMOBILIZATION/DECON 1203A15678	OD 2	RD 2	LS 7OCT91 LF 8OCT91
FIELD DATA ENTRY 1203A15679	OD 5	RD 5	LS 6NOV92 LF 12NOV92
LAB ANALYSIS - PIT CONTENTS 1203A15991	OD 80	RD 80	LS 23SEP91 LF 10JAN92
OU1 GEOTECHNICAL ANALYSIS 1203A15992	OD 80	RD 80	LS 16JUL92 LF 4NOV92
LAB ANALYSIS - LEACHATE SAMPLES 1203A15993	OD 80	RD 80	LS 9OCT91 LF 28JAN92
REC LAB REP - PIT CONTENTS 1203A15995	OD 1	RD 1	LS 5NOV92 LF 5NOV92
REC LAB RPT - LEACHATE SAMPLES 1203A15996	OD 1	RD 1	LS 5NOV92 LF 5NOV92
VALIDATE LABORATORY DATA 1203A15997	OD 5	RD 5	LS 6NOV92 LF 12NOV92
DATA BASE ENTRY 1203A15998	OD 5	RD 5	LS 13NOV92 LF 19NOV92
START RADON FLUX SURVEY 1203W15100	OD 1	RD 0	AS 23MAY91 AF 23MAY91



Activity Bar/Late Dates
Critical Activity
Progress Bar

Primavera Systems, Inc. 1984-1991

RI/FS PROJECT SCHEDULES
FERNALD ENVIRONMENTAL MGMT. PROJECT
OPERABLE UNIT 1 BAR CHART LEVEL IV

Project Start : 31OCT90
Project Finish: 4MAY01

Sheet 2 of 14

Data Date: 10AUG91
Plot Date: 12SEP91

Prepared by ASI/IT Corp.

Date	Revision	Checked	Approved

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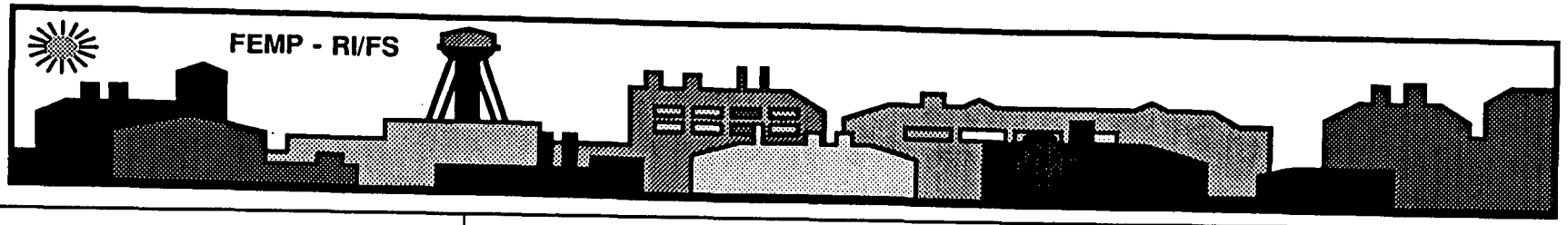
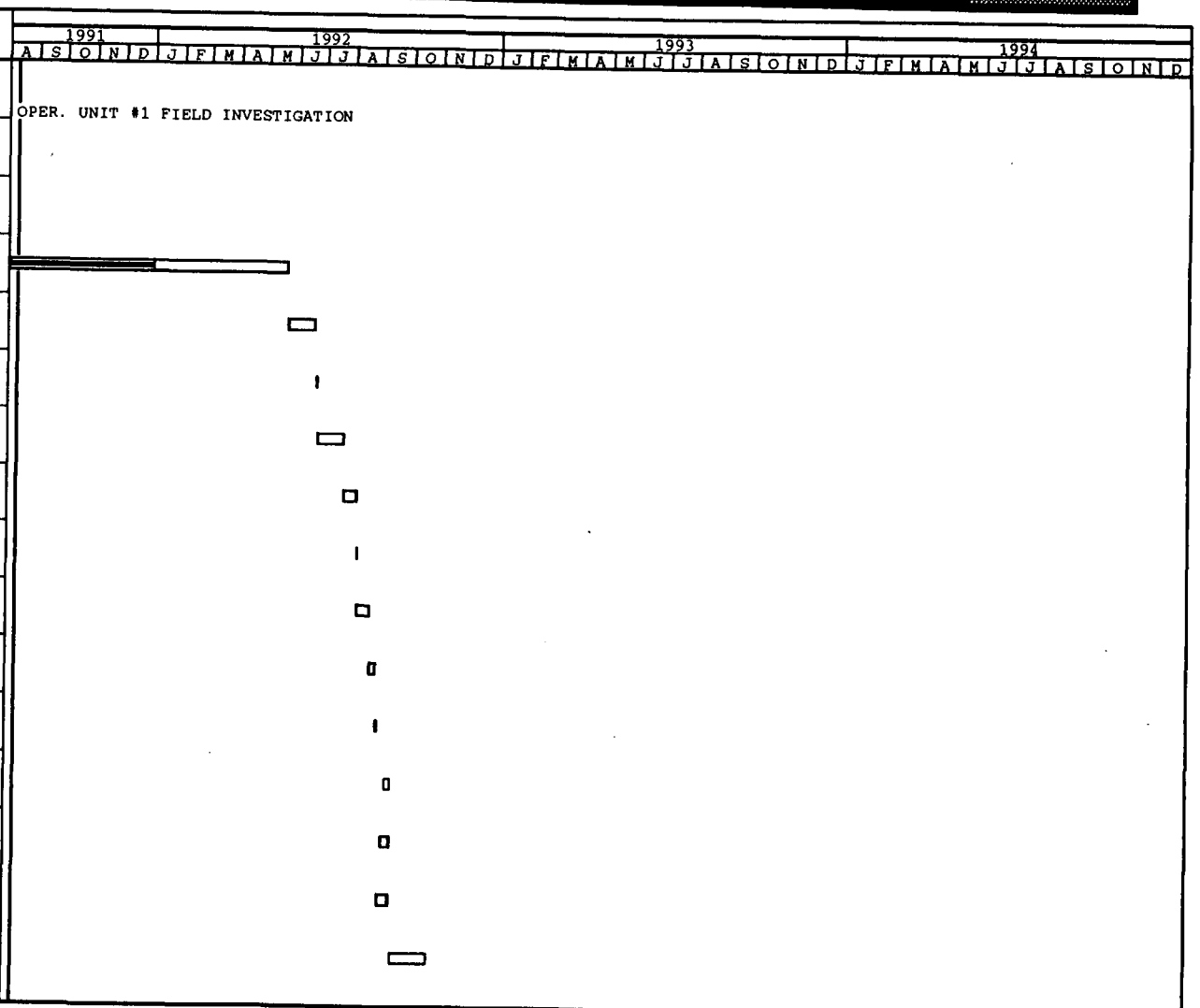


PREPARE RADON WORK PLAN 1203W15101	OD 45	RD 0	
AS 23MAY91	AF 24JUL91		
SUBMIT WORK PLAN TO DOE 1203W15103	OD 1	RD 0	
AS 25JUL91	AF 25JUL91		
DOE/WMCO REVIEW AND COMMENT OF WORK PLAN 1203W15105	OD 21	RD 10	
AS 26JUL91	LF 21MAY92		
INCORPORATE DOE/WMCO COMMENTS 1203W15108	OD 21	RD 21	
LS 22MAY92	LF 19JUN92		
SUBMIT WORK PLAN TO EPA FOR REVIEW AND COMMENT 1203W15111	OD 1	RD 1	
LS 22JUN92	LF 22JUN92		
EPA REVIEW AND COMMENT OF WORK PLAN 1203W15113	OD 21	RD 21	
LS 23JUN92	LF 21JUL92		
INCORPORATE EPA COMMENTS 1203W15115	OD 10	RD 10	
LS 22JUL92	LF 4AUG92		
RE-SUBMIT WORK PLAN TO EPA 1203W15118	OD 1	RD 1	
LS 5AUG92	LF 5AUG92		
EPA REVIEW AND APPROVE WORK PLAN 1203W15121	OD 10	RD 10	
LS 6AUG92	LF 19AUG92		
INCORPORATE FINAL EPA COMMENTS 1203W15123	OD 5	RD 5	
LS 20AUG92	LF 26AUG92		
PRINT AND DISTRIBUTE FINAL WORK PLAN 1203W15125	OD 2	RD 2	
LS 27AUG92	LF 28AUG92		
OBTAIN MONITORING PERMITS 1203W15128	OD 5	RD 5	
LS 7SEP92	LF 11SEP92		
TRAINING 1203W15131	OD 7	RD 7	
LS 3SEP92	LF 11SEP92		
MOBILIZATION 1203W15133	OD 10	RD 10	
LS 31AUG92	LF 11SEP92		
FIELD MEASUREMENT & SAMPLING REPORT PREPARATION 1203W15135	OD 29	RD 29	
LS 14SEP92	LF 22OCT92		



Activity Bar/Late Dates
Critical Activity
Progress Bar

Primavera Systems, Inc. 1984-1991

Project Start : 31OCT90
Project Finish: 4MAY01

RI/FS PROJECT SCHEDULES
FERNALD ENVIRONMENTAL MGMT. PROJECT
OPERABLE UNIT 1 BAR CHART LEVEL IV

Sheet 3 of 14

Data Date: 10AUG91
Plot Date: 12SEP91

Prepared by ASI/IT Corp.

Date	Revision	Checked	Approved

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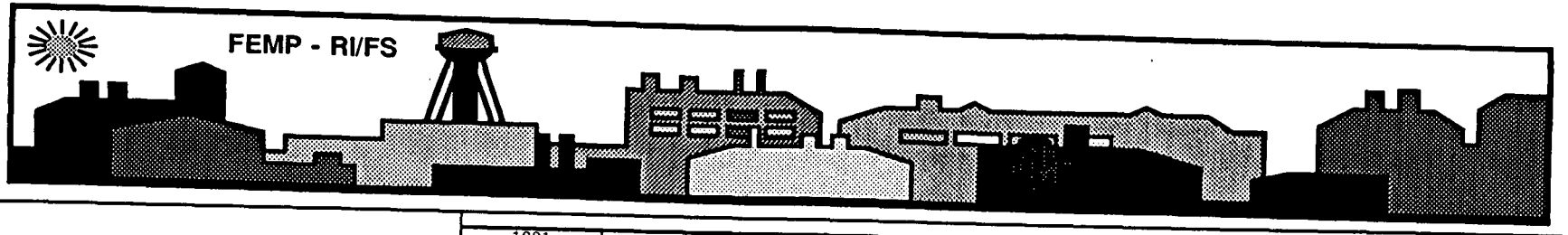
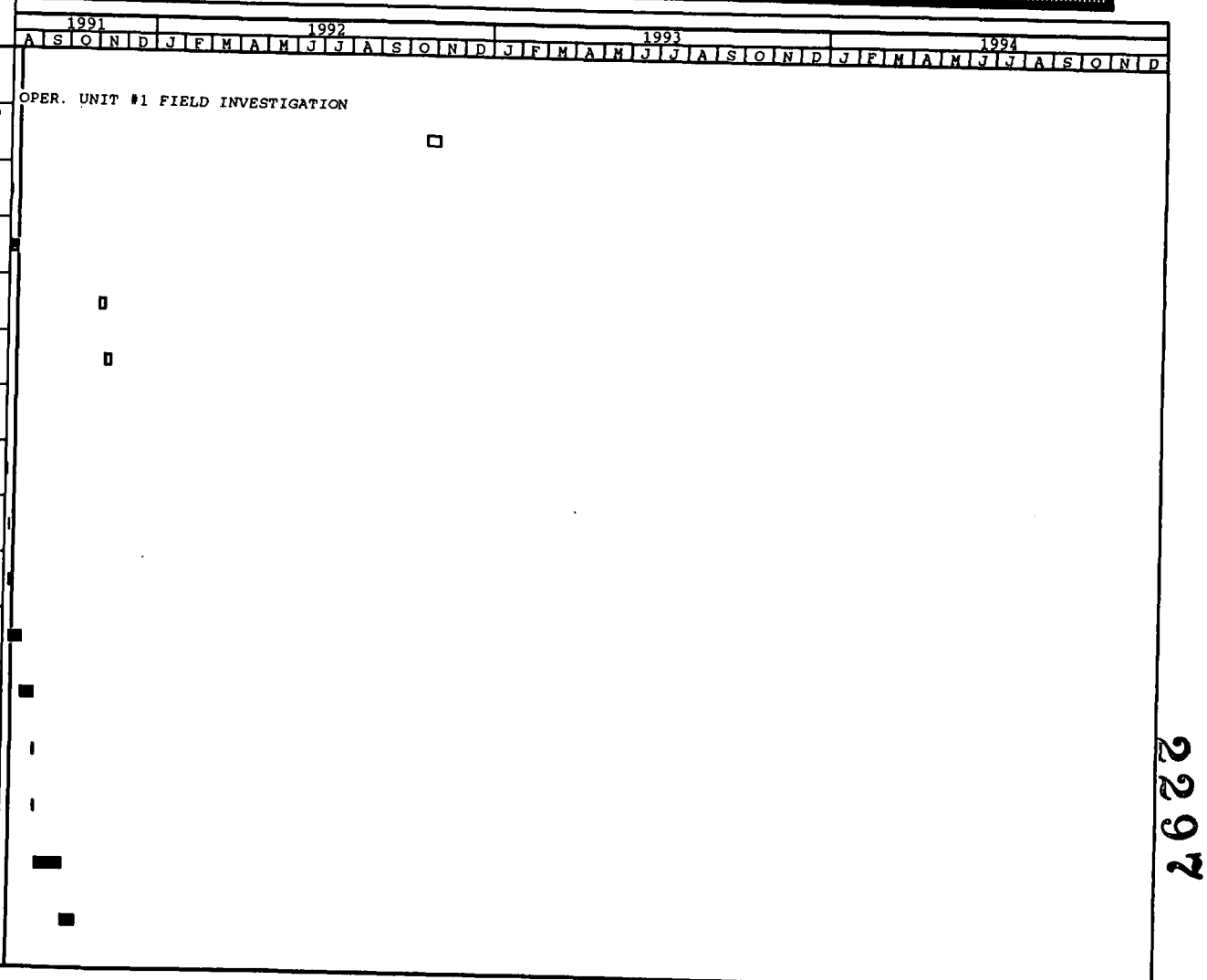


WMCO REVIEW AND APPROVE RADON FLUX SURVEY REPORT 1203W15138 OD 10 RD 10 LS 23OCT92 LF 5NOV92			
PREPARE HEALTH AND SAFETY PLAN (REVISED) 1203W43101 OD 10 RD 0 AS 14JUL91 AF 1AUG91			
INTERNAL REVIEW 1203W43102 OD 5 RD 0 AS 2AUG91 AF 9AUG91			
INCORPORATE COMMENTS 1203W43103 OD 5 RD 5 LS 6NOV91 LF 12NOV91			
DOE/WMCO APPROVE HEALTH AND SAFETY PLAN 1203W43104 OD 5 RD 5 LS 13NOV91 LF 19NOV91			
PREPARE WORK PLAN (SAMPLING) 1203W43105 OD 10 RD 0 AS 12JUL91 AF 26JUL91			
INTERNAL REVIEW 1203W43106 OD 5 RD 0 AS 29JUL91 AF 2AUG91			
INCORPORATE COMMENTS 1203W43107 OD 5 RD 0 AS 5AUG91 AF 5AUG91			
SUBMIT TO DOE FOR REVIEW 1203W43108 OD 1 RD 0 AS 6AUG91 AF 6AUG91			
DOE/WMCO REVIEW AND COMMENT 1203W43109 OD 10 RD 7 AS 7AUG91 LF 20AUG91			
INCORPORATE DOE/WMCO COMMENTS 1203W43110 OD 10 RD 10 LS 21AUG91 LF 3SEP91			
INTERNAL REVIEW 1203W43111 OD 2 RD 2 LS 4SEP91 LF 5SEP91			
SUBMIT REVISED PLAN TO EPA 1203W43112 OD 1 RD 1 LS 6SEP91 LF 6SEP91			
EPA/DOE/WMCO REVIEW AND COMMENT 1203W43113 OD 21 RD 21 LS 9SEP91 LF 7OCT91			
RESPOND TO EPA COMMENTS 1203W43114 OD 10 RD 10 LS 8OCT91 LF 21OCT91			



Activity Bar/Late Dates
Critical Activity
Progress Bar

Primavera Systems, Inc. 1984-1991

Project Start : 31OCT90
Project Finish: 4MAY01

RI/FS PROJECT SCHEDULES
FERNALD ENVIRONMENTAL MGMT. PROJECT
OPERABLE UNIT 1 BAR CHART LEVEL IV

Sheet 4 of 14

Data Date: 10AUG91
Plot Date: 12SEP91

Prepared by ASI/IT Corp.

Date	Revision	Checked	Approved

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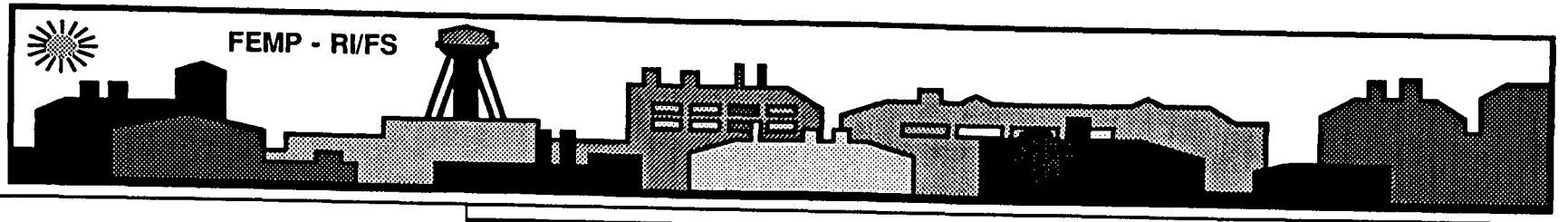

1991 A S O N D | 1992 J F M A M J J A S O N D | 1993 J F M A M J J A S O N D | 1994 J F M A M J J A S O N D

OPER. UNIT #1 FIELD INVESTIGATION

EPA REVIEW AND APPROVAL 1203W43115	OD 21	RD 21	LS 22OCT91 LF 19NOV91
INCORPORATE FINAL EPA COMMENTS 1203W43116	OD 5	RD 5	LS 20NOV91 LF 26NOV91
PRINT AND DISTRIBUTE FINAL REPORT 1203W43117	OD 2	RD 2	LS 27NOV91 LF 28NOV91
OBTAIN PERMITS 1203W43118	OD 1	RD 1	LS 28NOV91 LF 28NOV91
MOBILIZATION 1203W43119	OD 5	RD 5	LS 22NOV91 LF 28NOV91
TRAINING 1203W43120	OD 7	RD 7	LS 20NOV91 LF 28NOV91
PITS 5,6 CLEARWELL SAMPLING 1203W43121	OD 15	RD 15	LS 29NOV91 LF 19DEC91
SAMPLE SHIPPING PREPARATION 1203W43122	OD 15	RD 15	LS 6DEC91 LF 26DEC91
SAMPLING SHIPPING 1203W43123	OD 15	RD 15	LS 13DEC91 LF 2JAN92
DECONTAMINATION AND DEMOBILIZATION 1203W43124	OD 5	RD 5	LS 24FEB92 LF 28FEB92

OPER. UNIT #1 BASELINE RISK ASSESSM.

PERFORM F & T CALC's. 1204A81050	OD 30	RD 30	LS 4DEC92 LF 14JAN93
EVALUATE DATA FOR OU1 RISK ASSMT 1204A81100	OD 21	RD 21	LS 20NOV92 LF 18DEC92
DETER. CHEMICALS OF CONCERN 1204A81120	OD 10	RD 10	LS 1JAN93 LF 14JAN93
EVAL. EXP./RISK/TOXICITY 1204A81130	OD 20	RD 20	LS 15JAN93 LF 11FEB93

Activity Bar/Late Dates
Critical Activity
Progress Bar

Primavera Systems, Inc. 1984-1991

Project Start : 31OCT90
Project Finish: 4MAY01

RI/FS PROJECT SCHEDULES
FERNALD ENVIRONMENTAL MGMT. PROJECT
OPERABLE UNIT 1 BAR CHART LEVEL IV

Sheet 5 of 14

Data Date: 10AUG91
Plot Date: 12SEP91

Prepared by ASI/IT Corp.

Date	Revision	Checked	Approved

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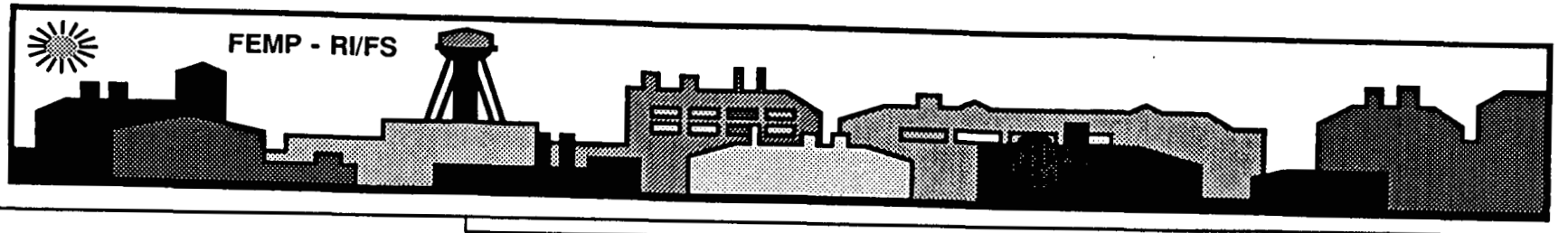

PREPARE OU1 RA REPORT 1204A81140 OD 20 RD 20 LS 12FEB93 LF 11MAR93	OPER. UNIT #1 BASELINE RISK ASSESSM.
INTERNAL REVIEW OF RISK ASSESSMENT 1204A81150 OD 7 RD 7 LS 28MAY93 LF 7JUN93	
TREATABILITY CCB REVIEW/APPROVE 1205A31100 OD 10 RD 10 LS 26DEC91 LF 8JAN92	OPER. UNIT #1 TREATABILITY STUDIES
TREATABILITY WORK PLANS 1205A31101 OD 21 RD 0 AS 30APR91 AF 30MAY91	
SUBMIT WORK PLANS TO DOE 1205A31105 OD 1 RD 0 AS 31MAY91 AF 31MAY91	
DOE REVIEW OF WORK PLANS 1205A31110 OD 21 RD 0 AS 3JUN91 AF 1JUL91	
INCORPORATE COMMENTS 1205A31115 OD 21 RD 0 AS 2JUL91 AF 25JUL91	
SUBMIT WORK PLANS TO EPA 1205A31120 OD 1 RD 0 AS 26JUL91 AF 29JUL91	
EPA REVIEW OF WORK PLANS 1205A31125 OD 21 RD 14 AS 29JUL91 LF 8NOV91	
INCORPORATE EPA COMMENTS 1205A31130 OD 21 RD 21 LS 11NOV91 LF 9DEC91	
RE-SUBMIT WORK PLANS TO EPA 1205A31135 OD 1 RD 1 LS 10DEC91 LF 10DEC91	
EPA REVIEW & APPROVAL 1205A31140 OD 21 RD 21 LS 11DEC91 LF 8JAN92	
SAMPLE RECEIPT 1205A31145 OD 2 RD 2 LS 7JAN92 LF 8JAN92	
PRELIMINARY TREATABILITY 1205A31150 OD 30 RD 30 LS 9JAN92 LF 19FEB92	

1991 1992 1993 1994
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Activity Bar/Late Dates
Critical Activity
Progress Bar

Primavera Systems, Inc. 1984-1991

RI/FS PROJECT SCHEDULES
FERNALD ENVIRONMENTAL MGMT. PROJECT
OPERABLE UNIT 1 BAR CHART LEVEL IV

Project Start : 31OCT90
Project Finish: 4MAY01

Sheet 6 of 14

Data Date: 10AUG91
Plot Date: 12SEP91

Prepared by ASI/IT Corp.

Date	Revision	Checked	Approved

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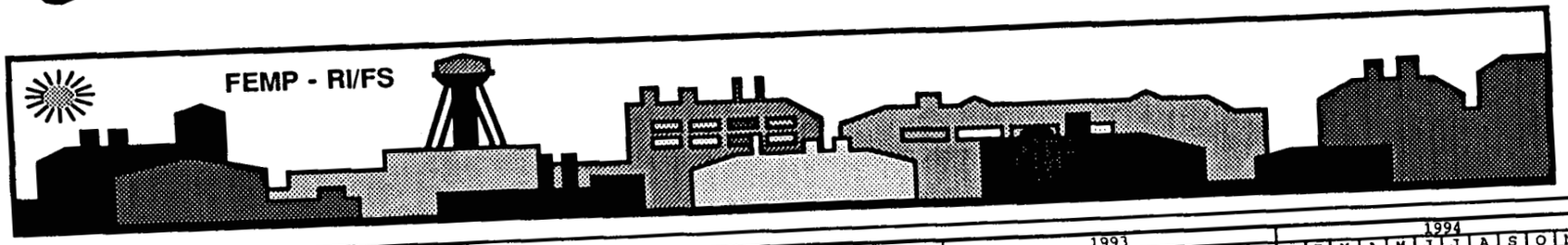
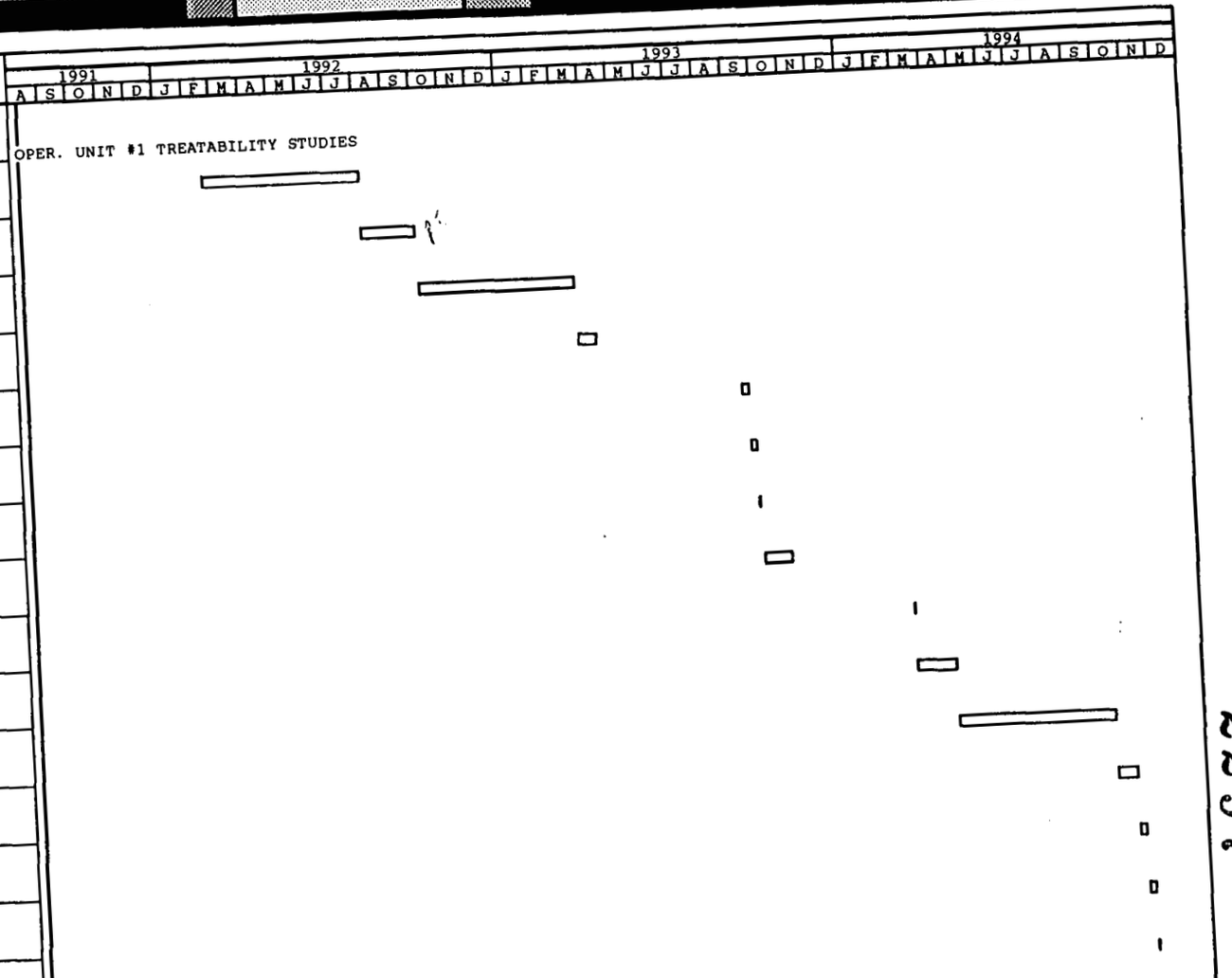


PRELIMINARY ANALYSIS 1205A31155	OD 120	RD 120	LS 20FEB92 LF 5AUG92
ADVANCED TREATABILITY 1205A31160	OD 42	RD 42	LS 6AUG92 LF 2OCT92
ADVANCED ANALYSIS 1205A31165	OD 120	RD 120	LS 5OCT92 LF 19MAR93
PRELIMINARY/ADVANCED REPORT PREPARATION 1205A31180	OD 15	RD 15	LS 22MAR93 LF 9APR93
INTERNAL REVIEW 1205A31182	OD 5	RD 5	LS 10SEP93 LF 16SEP93
INCORPORATE COMMENTS 1205A31183	OD 5	RD 5	LS 17SEP93 LF 23SEP93
SUBMIT TO DOE 1205A31184	OD 1	RD 1	LS 24SEP93 LF 24SEP93
DOE/WMCO REVIEW AND COMMENT 1205A31185	OD 21	RD 21	LS 27SEP93 LF 25OCT93
DECISION FOR OPTIONAL STUDIES 1205A31192	OD 1	RD 1	LS 3MAR94 LF 3MAR94
OPTIONAL TREATABILITY 1205A31194	OD 30	RD 30	LS 4MAR94 LF 14APR94
OPTIONAL ANALYSIS 1205A31195	OD 120	RD 120	LS 15APR94 LF 29SEP94
OPTIONAL DRAFT REPORT PREP. 1205A31197	OD 15	RD 15	LS 30SEP94 LF 20OCT94
INTERNAL DOE/WMCO/ASI-IT REVIEW 1205A31199	OD 5	RD 5	LS 21OCT94 LF 27OCT94
INCORPORATE COMMENTS 1205A31201	OD 5	RD 5	LS 28OCT94 LF 3NOV94
SUBMIT TO DOE 1205A31203	OD 1	RD 1	LS 4NOV94 LF 4NOV94



Activity Bar/Late Dates
Critical Activity
Progress Bar

Primavera Systems, Inc. 1984-1991

Project Start : 31OCT90
Project Finish: 4MAY01

RI/FS PROJECT SCHEDULES
FERNALD ENVIRONMENTAL MGMT. PROJECT
OPERABLE UNIT 1 BAR CHART LEVEL IV

Sheet 7 of 14

Data Date: 10AUG91
Plot Date: 12SEP91

Prepared by ASI/IT Corp.

Date	Revision	Checked	Approved

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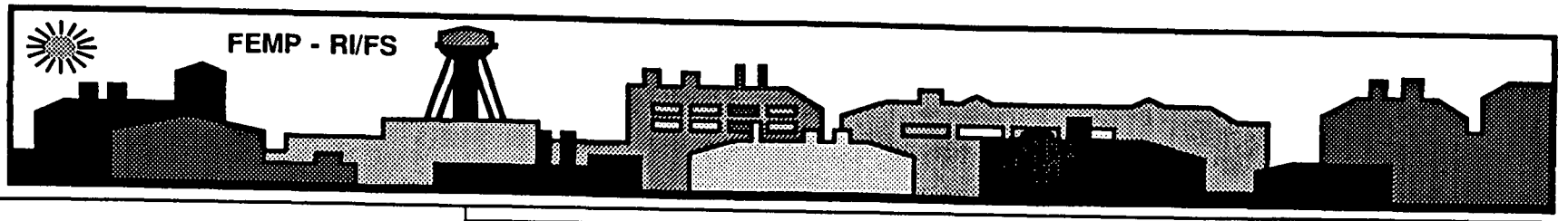
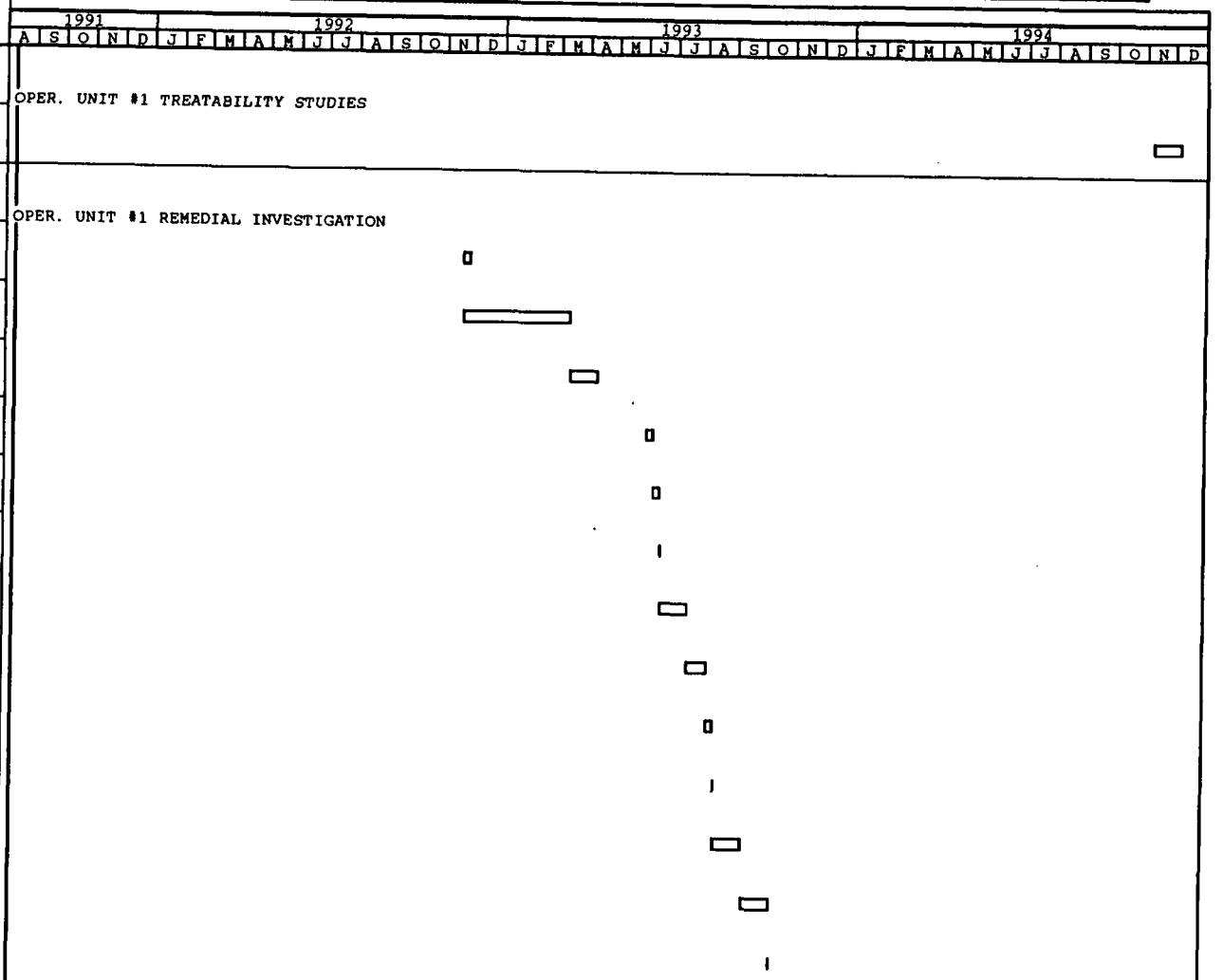


DOE/WMCO REVIEW AND COMMENT 1205A31205 OD 21 RD 21 LS 7NOV94 LF 5DEC94	OPER. UNIT #1 TREATABILITY STUDIES
OBTAIN VALIDATED FIELD ANALYSIS 1206A25102 OD 5 RD 5 LS 20NOV92 LF 26NOV92	OPER. UNIT #1 REMEDIAL INVESTIGATION
DRAFT OU1 RI REPORT 1206A25103 OD 80 RD 80 LS 20NOV92 LF 11MAR93	
INTEGRATE RI AND RA REPORTS 1206A25104 OD 21 RD 21 LS 12MAR93 LF 9APR93	
INTERNAL REVIEW 1206A25105 OD 5 RD 5 LS 1JUN93 LF 7JUN93	
INCORP INTERNAL OU1 RI COMMENTS 1206A25110 OD 5 RD 5 LS 8JUN93 LF 14JUN93	
SUBMIT TO DOE 1206A25501 OD 1 RD 1 LS 15JUN93 LF 15JUN93	
DOE/WMCO REVIEW & COMMENT 1206A25505 OD 21 RD 21 LS 16JUN93 LF 14JUL93	
INCORPORATE DOE/WMCO COMMENTS 1206A25508 OD 15 RD 15 LS 15JUL93 LF 4AUG93	
INTERNAL REVIEW OF REVISED DRAFT 1206A25509 OD 5 RD 5 LS 5AUG93 LF 11AUG93	
SUBMIT REVISED DRAFT TO DOE 1206A25510 OD 1 RD 1 LS 12AUG93 LF 12AUG93	
EM-1 REVIEW AND COMMENT 1206A25525 OD 21 RD 21 LS 13AUG93 LF 10SEP93	
INCORPORATE EM-1 COMMENTS 1206A25530 OD 21 RD 21 LS 13SEP93 LF 11OCT93	
SUBMIT OU1 RI TO EPA 1206A25601 OD 1 RD 1 LS 12OCT93 LF 12OCT93	



Activity Bar/Late Dates
Critical Activity
Progress Bar

Primavera Systems, Inc. 1984-1991

Project Start : 31OCT90
Project Finish: 4MAY01

RI/FS PROJECT SCHEDULES
FERNALD ENVIRONMENTAL MGMT. PROJECT
OPERABLE UNIT 1 BAR CHART LEVEL IV

Sheet 8 of 14

Data Date: 10AUG91
Plot Date: 12SEP91

Prepared by ASI/IT Corp.

Date	Revision	Checked	Approved

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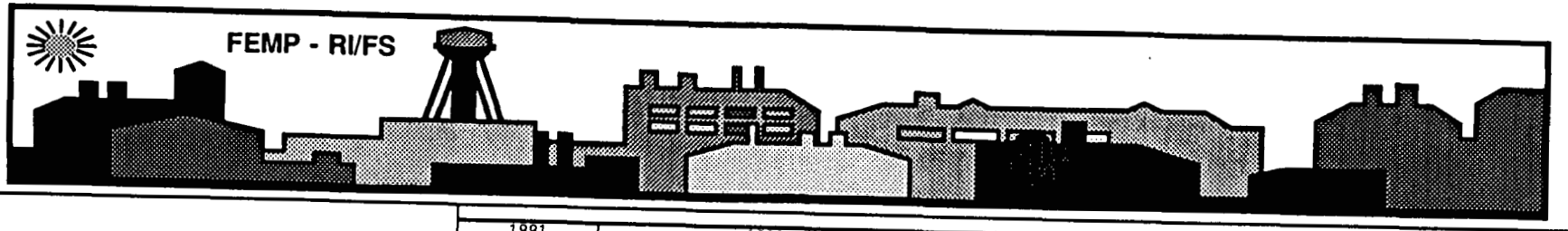

1991 A S O N D | 1992 J F M A M J J A S O N D | 1993 J F M A M J J A S O N D | 1994 J F M A M J J A S O N D

OPER. UNIT #1 REMEDIAL INVESTIGATION

EPA REVIEW & COMMENT
1206A25610 OD 42 RD 42
LS 13OCT93 LF 9DEC93

RESPOND TO EPA COMMENTS
1206A25620 OD 21 RD 21
LS 10DEC93 LF 7JAN94

EPA REVIEW AND APPROVE
1206A25625 OD 21 RD 21
LS 10JAN94 LF 7FEB94

INCORPORATE FINAL EPA COMMENTS
1206A25710 OD 12 RD 12
LS 8FEB94 LF 23FEB94

INTERNAL REVIEW
1206A25715 OD 3 RD 3
LS 24FEB94 LF 28FEB94

PRINT AND DISTRIBUTE FINAL REPORT
1206A25720 OD 5 RD 5
LS 1MAR94 LF 7MAR94

OPER. UNIT #1 INITIAL SCREENING OF ALTERNATIVES

EPA APPROVAL - OU1 ISA REPORT
1312A09100 OD 0 RD 0
AF 4JAN91

OPER. UNIT #1 FEASIBILITY STUDY/PROP. PLAN

REVISE ALTERNATIVES
1315A30101 OD 40 RD 40
LS 12APR93 LF 4JUN93

PERFORM F/T MODELING
1315A30103 OD 30 RD 30
LS 12APR93 LF 21MAY93

EVAL EXP/RISK/TOXICITY
1315A30105 OD 30 RD 30
LS 24MAY93 LF 2JUL93

EVAL EXPOSURE DURING REM.
1315A30108 OD 15 RD 15
LS 14JUN93 LF 2JUL93

PREPARE FS-RA APPENDIX
1315A30111 OD 20 RD 20
LS 19JUL93 LF 13AUG93

INTERNAL REVIEW OF FS-RA
1315A30113 OD 10 RD 10
LS 16AUG93 LF 27AUG93

Activity Bar/Late Dates
Critical Activity
Progress Bar

Primavera Systems, Inc. 1984-1991

Project Start : 31OCT90
Project Finish: 4MAY01

RI/FS PROJECT SCHEDULES
FERNALD ENVIRONMENTAL MGMT. PROJECT
OPERABLE UNIT 1 BAR CHART LEVEL IV

Sheet 9 of 14

Data Date: 10AUG91
Plot Date: 12SEP91

Prepared by ASI/IT Corp.

Date	Revision	Checked	Approved

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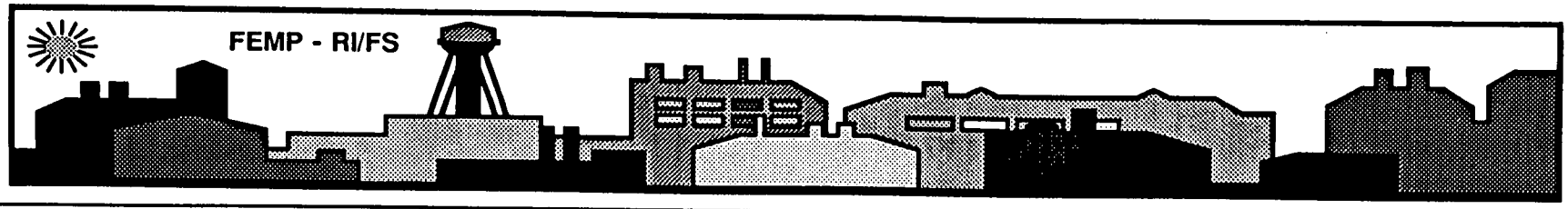
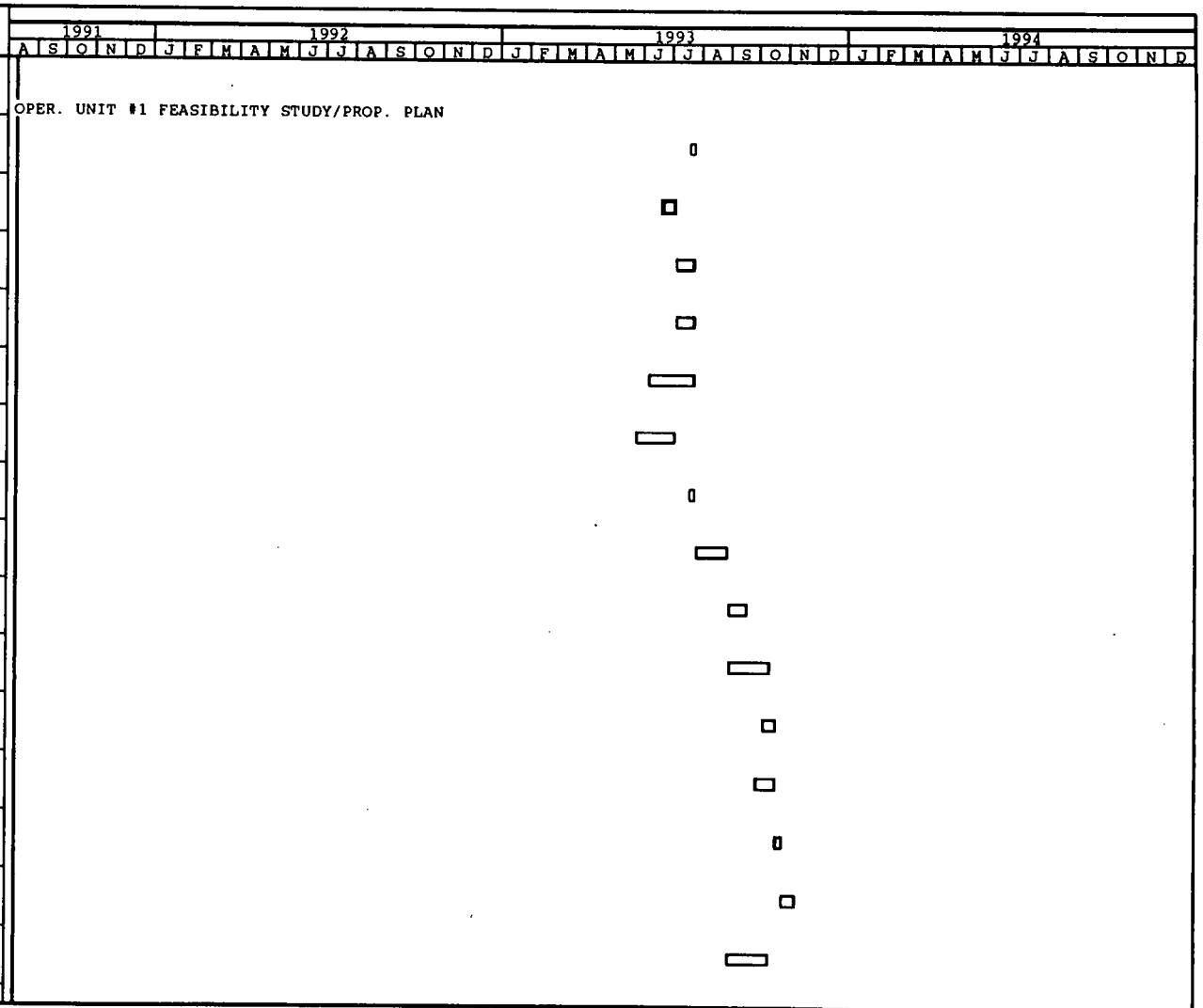


EVALUATE ETPSF IMPACTS 1315A30114	OD 5	RD 5	LS 19JUL93 LF 23JUL93
REVISE ALT DESCRIPTION 1315A30115	OD 10	RD 10	LS 21JUN93 LF 2JUL93
EVAL ALT EFFECTIVENESS 1315A30118	OD 15	RD 15	LS 5JUL93 LF 23JUL93
EVAL ALT IMPLEMENTABILITY 1315A30121	OD 15	RD 15	LS 5JUL93 LF 23JUL93
REVISE ALT COST ESTIMATE 1315A30123	OD 35	RD 35	LS 7JUN93 LF 23JUL93
NEPA ANALYSIS 1315A30125	OD 30	RD 30	LS 24MAY93 LF 2JUL93
DOE/HQ EA-EIS KEY DECISION POINT 1315A30127	OD 5	RD 5	LS 19JUL93 LF 23JUL93
COMPARATIVE ANALYSIS 1315A30128	OD 25	RD 25	LS 26JUL93 LF 27AUG93
PREPARE DAA CHAPTER 1315A30131	OD 15	RD 15	LS 30AUG93 LF 17SEP93
PREPARE INTERNAL DRAFT 1315A40125	OD 31	RD 31	LS 30AUG93 LF 11OCT93
PREPARE QA APPENDIX 1315A40126	OD 10	RD 10	LS 5OCT93 LF 18OCT93
PREPARE NEPA ANALYSIS CHAPTER 1315A40128	OD 15	RD 15	LS 28SEP93 LF 18OCT93
INTERNAL REVIEW 1315A40130	OD 5	RD 5	LS 19OCT93 LF 25OCT93
INCORPORATE INTERNAL REVIEW COMMENTS 1315A40131	OD 10	RD 10	LS 26OCT93 LF 8NOV93
PREPARE INTERNAL DRAFT PROPOSED PLAN 1315A41201	OD 31	RD 31	LS 30AUG93 LF 11OCT93



Activity Bar/Late Dates
Critical Activity
Progress Bar

Primavera Systems, Inc. 1984-1991

RI/FS PROJECT SCHEDULES
FERNALD ENVIRONMENTAL MGMT. PROJECT
OPERABLE UNIT 1 BAR CHART LEVEL IV

Project Start : 31OCT90
Project Finish: 4MAY01

Sheet 10 of 14

Data Date: 10AUG91
Plot Date: 12SEP91

Prepared by ASI/IT Corp.

Date	Revision	Checked	Approved

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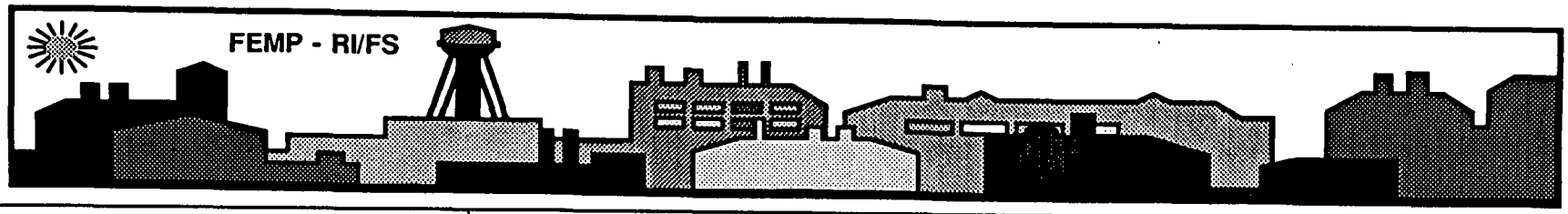
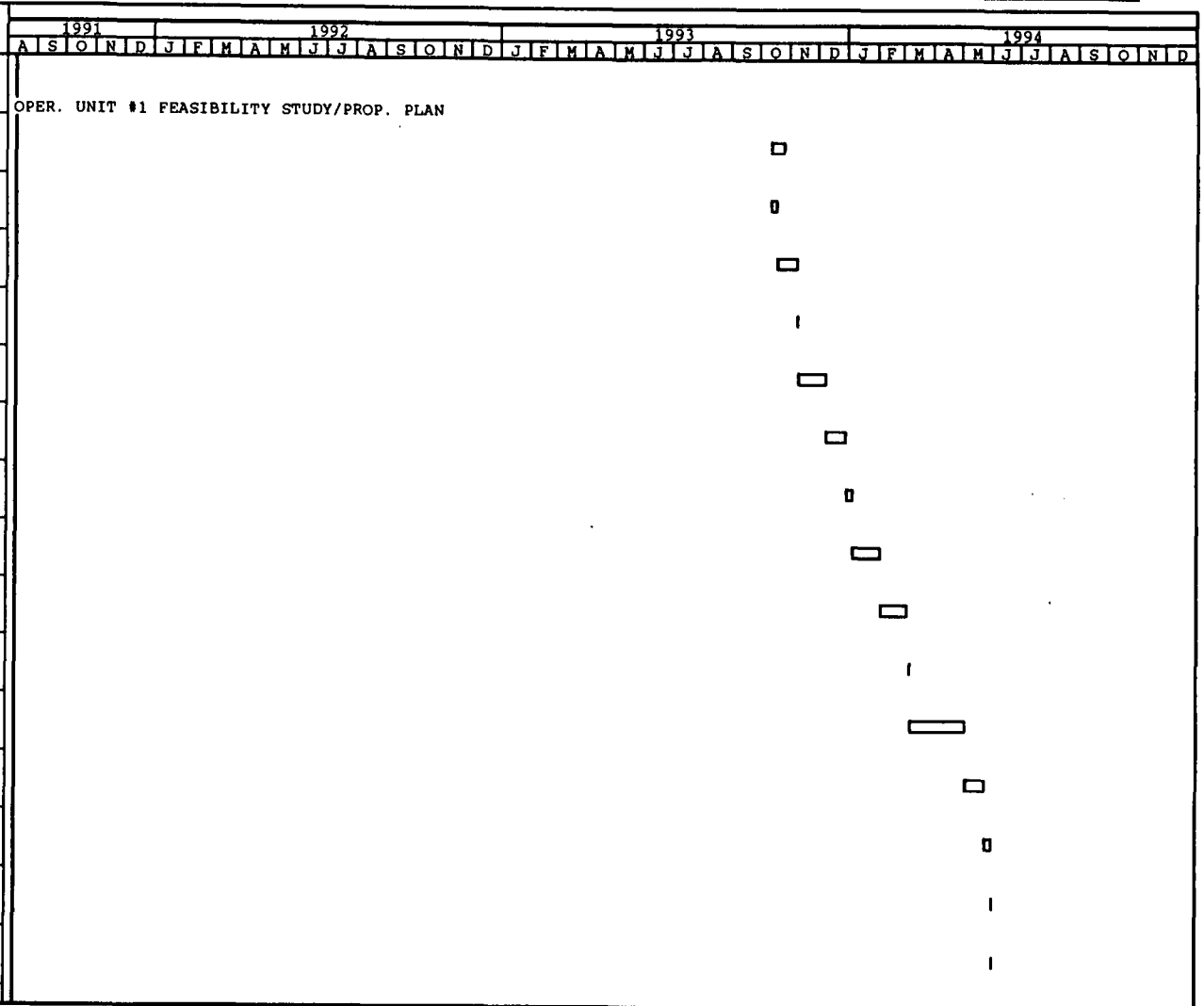


COMMUNITY RELATIONS REVIEW & COMMENT	1315A41202	OD 10	RD 10
	LS 12OCT93	LF 25OCT93	
INTERNAL REVIEW	1315A41203	OD 5	RD 5
	LS 12OCT93	LF 18OCT93	
INCORPORATE FS/PP INTERNAL REV. COMMENTS	1315A41208	OD 15	RD 15
	LS 19OCT93	LF 8NOV93	
SUBMIT FS/PP DRAFT TO DOE	1315A41501	OD 1	RD 1
	LS 9NOV93	LF 9NOV93	
DOE/WMCO REVIEW & COMMENT	1315A41504	OD 21	RD 21
	LS 10NOV93	LF 8DEC93	
INCORP DOE/WMCO COMMENTS	1315A41516	OD 15	RD 15
	LS 9DEC93	LF 29DEC93	
INTERNAL REVIEW	1315A41518	OD 5	RD 5
	LS 30DEC93	LF 5JAN94	
EM-1 REVIEW & APPROVE	1315A41532	OD 21	RD 21
	LS 6JAN94	LF 3FEB94	
COMMENT RESPONSE PERIOD	1315A41535	OD 21	RD 21
	LS 4FEB94	LF 4MAR94	
SUBMIT EPA DRAFT FS/PP	1315A41605	OD 1	RD 1
	LS 7MAR94	LF 7MAR94	
EPA REVIEW & COMMENT	1315A41606	OD 42	RD 42
	LS 8MAR94	LF 4MAY94	
INCORPORATE EPA COMMENTS	1315A41607	OD 15	RD 15
	LS 5MAY94	LF 25MAY94	
INTERNAL REVIEW	1315A41608	OD 5	RD 5
	LS 26MAY94	LF 1JUN94	
SUBMIT DRAFT FINAL REPORT TO DOE	1315A41609	OD 1	RD 1
	LS 2JUN94	LF 2JUN94	
SUBMIT DRAFT FINAL REPORT TO EPA	1315A41615	OD 1	RD 1
	LS 3JUN94	LF 3JUN94	



Activity Bar/Late Dates
Critical Activity
Progress Bar

Primavera Systems, Inc. 1984-1991

RI/FS PROJECT SCHEDULES
FERNALD ENVIRONMENTAL MGMT. PROJECT
OPERABLE UNIT 1 BAR CHART LEVEL IV

Sheet 11 of 14

Project Start : 31OCT90
Project Finish: 4MAY01

Data Date: 10AUG91
Plot Date: 12SEP91

Prepared by ASI/IT Corp.

Date	Revision	Checked	Approved

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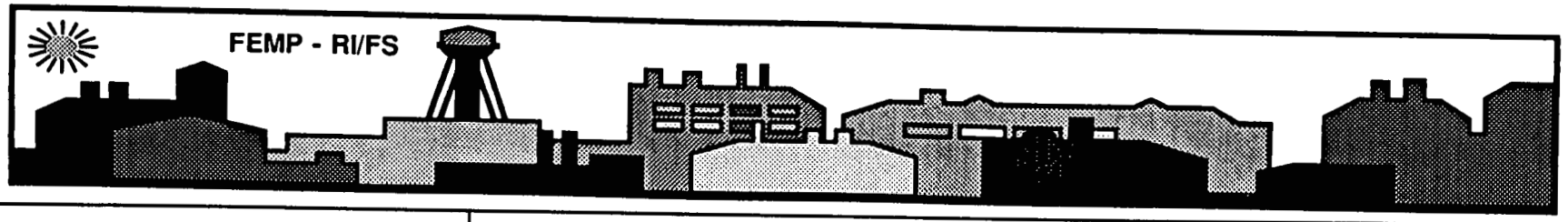
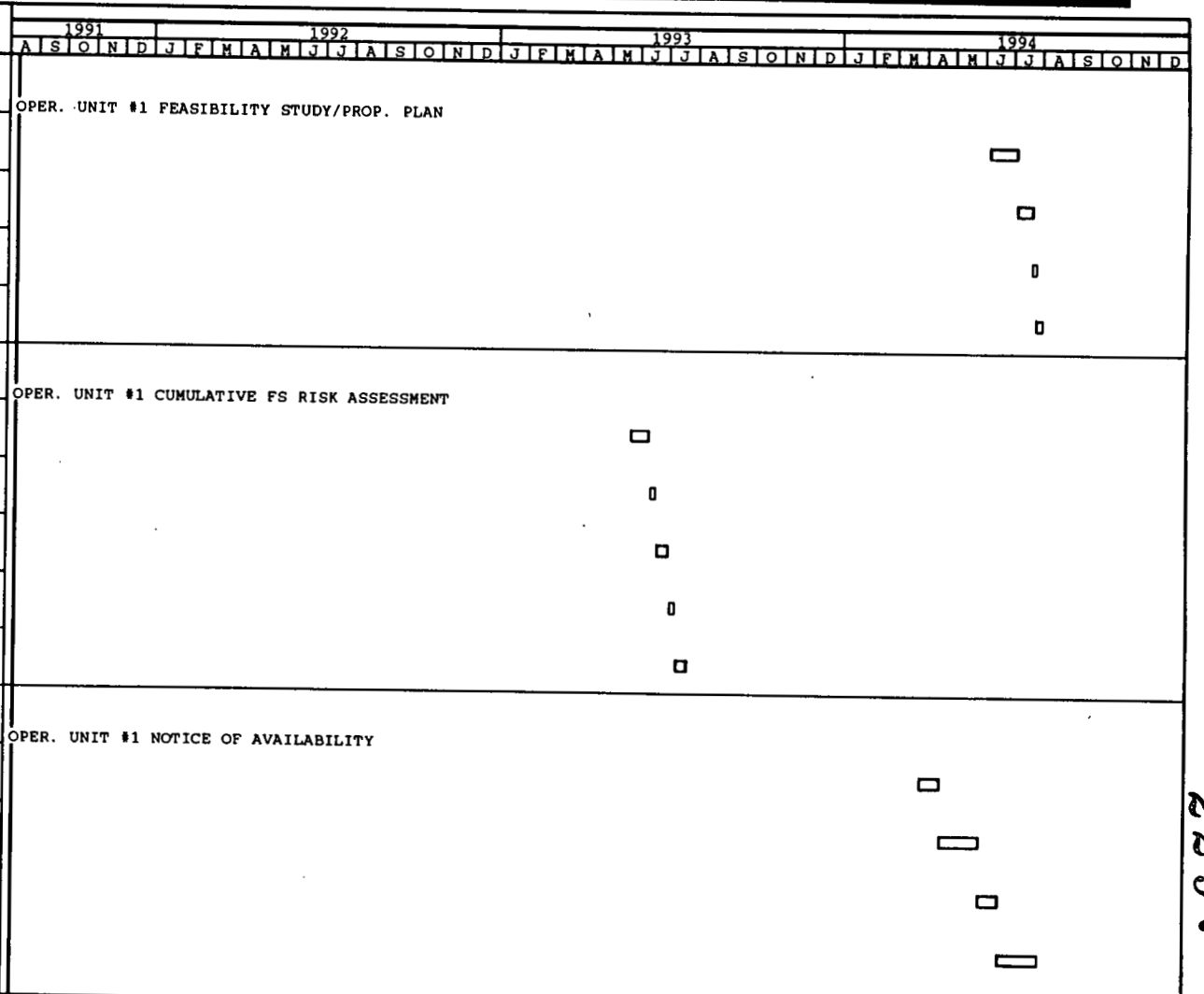


	OPER. UNIT #1 FEASIBILITY STUDY/PROP. PLAN
EPA REVIEW & APPROVE 1315A41620 OD 21 RD 21 LS 6JUN94 LF 4JUL94	
INCORP EPA COMMENTS AND TREATABILITY MODS 1315A41710 OD 12 RD 12 LS 5JUL94 LF 20JUL94	
INTERNAL REVIEW OF FINAL FS/PP 1315A41720 OD 3 RD 3 LS 21JUL94 LF 25JUL94	
PRINT & DISTR. FINAL FS/PP 1315A41730 OD 5 RD 5 LS 26JUL94 LF 1AUG94	
	OPER. UNIT #1 CUMULATIVE FS RISK ASSESSMENT
INTEGRATE FINAL OU1 RA DATA 1316A82101 OD 15 RD 15 LS 24MAY93 LF 11JUN93	
UPDATE SITEWIDE RME 1316A82103 OD 5 RD 5 LS 14JUN93 LF 18JUN93	
UPDATE EVAL OF CHEMICALS OF CONCERN 1316A82105 OD 10 RD 10 LS 21JUN93 LF 2JUL93	
UPDATE EVALUATION OF RISKS 1316A82108 OD 5 RD 5 LS 5JUL93 LF 9JUL93	
UPDATE CUMULATIVE FS RA APPENDIX 1316A82111 OD 10 RD 10 LS 12JUL93 LF 23JUL93	
	OPER. UNIT #1 NOTICE OF AVAILABILITY
DRAFT NOTICE OF AVAILABILITY (NOA) 1317A42101 OD 15 RD 15 LS 29MAR94 LF 18APR94	
DOE/HQ REVIEW AND COMMENT ON NOA 1317A42103 OD 30 RD 30 LS 19APR94 LF 30MAY94	
INCORPORATE DOE NOA COMMENTS 1317A42105 OD 15 RD 15 LS 31MAY94 LF 20JUN94	
PRINT AND REPRODUCE NOA 1317A42107 OD 30 RD 30 LS 21JUN94 LF 1AUG94	



Activity Bar/Late Dates
Critical Activity
Progress Bar

Primavera Systems, Inc. 1984-1991

Project Start : 31OCT90
Project Finish: 4MAY01

RI/FS PROJECT SCHEDULES
FERNALD ENVIRONMENTAL MGMT. PROJECT
OPERABLE UNIT 1 BAR CHART LEVEL IV

Sheet 12 of 14

Data Date: 10AUG91
Plot Date: 12SEP91

Prepared by ASI/IT Corp.

Date	Revision	Checked	Approved

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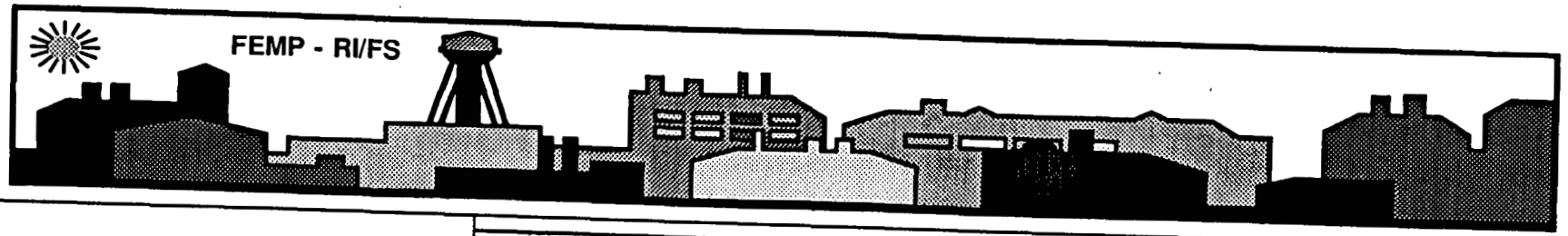

1991: A S O N D | 1992: J F M A M J J A S O N D | 1993: J F M A M J J A S O N D | 1994: J F M A M J J A S O N D

PUBLISH NOA 1317A42109 OD 15 RD 15 LS 2AUG94 LF 22AUG94	OPER. UNIT #1 NOTICE OF AVAILABILITY
ISSUE NOTICE TO PUBLIC 1318A40020 OD 15 RD 15 LS 2AUG94 LF 22AUG94	OPER. UNIT #1 PUBLIC COMMENT PERIOD
EPA NEPA COORDINATOR EIS REVIEW 1318A40025 OD 32 RD 32 LS 23AUG94 LF 5OCT94	
CERCLA/NEPA PUBLIC COMMENT PERIOD 1318A40030 OD 32 RD 32 LS 23AUG94 LF 5OCT94	
EVAL & RESPOND TO PUBLIC COMMENTS 1318A40100 OD 21 RD 21 LS 6OCT94 LF 3NOV94	
PREPARE DECISION SUMMARY 1319A50060 OD 42 RD 42 LS 4JUL94 LF 30AUG94	OPER. UNIT #1 DRAFT ROD
INCORP RESPONSIVENESS SUMMARY 1319A50070 OD 0 RD 0 LF 3NOV94	
PREPARE DECLARATION SUMMARY 1319A50071 OD 21 RD 21 LS 2AUG94 LF 30AUG94	
INTERNAL REVIEW 1319A50100 OD 5 RD 5 LS 31AUG94 LF 6SEP94	
SUBMIT DRAFT TO DOE/WMCO 1319A50501 OD 1 RD 1 LS 7SEP94 LF 7SEP94	
DOE/WMCO REVIEW & COMMENT 1319A50530 OD 21 RD 21 LS 8SEP94 LF 6OCT94	
INCORP DOE/WMCO COMMENTS OU1 DRAFT ROD 1319A50550 OD 20 RD 20 LS 7OCT94 LF 3NOV94	
SUBMIT REVISED DRAFT TO DOE 1319A50560 OD 1 RD 1 LS 4NOV94 LF 4NOV94	

Activity Bar/Late Dates
Critical Activity
Progress Bar

Primavera Systems, Inc. 1984-1991

RI/FS PROJECT SCHEDULES
FERNALD ENVIRONMENTAL MGMT. PROJECT
OPERABLE UNIT 1 BAR CHART LEVEL IV

Project Start : 31OCT90
Project Finish: 4MAY01

Sheet 13 of 14

Data Date: 10AUG91
Plot Date: 12SEP91

Prepared by ASI/IT Corp.

Date	Revision	Checked	Approved

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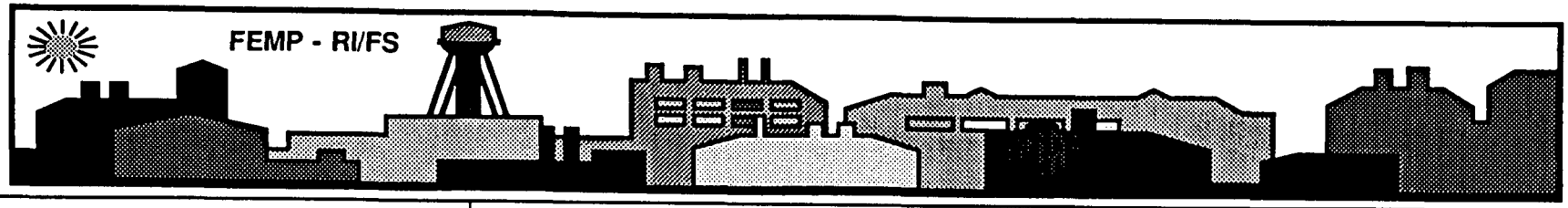

EM-1 REVIEW, REVISE AND APPROVE 1319A50592 OD 21 RD 21 LS 7NOV94 LF 5DEC94	OPER. UNIT #1 DRAFT ROD
DOE SUBMIT OU1 EPA DRAFT ROD TO EPA 1319A50600 OD 1 RD 1 LS 6DEC94 LF 6DEC94	

1991: A S O N D — 1992: J F M A M J J A S O N D — 1993: J F M A M J J A S O N D — 1994: J F M A M J J A S O N D

Activity Bar/Late Dates
Critical Activity
Progress Bar

Primavera Systems, Inc. 1984-1991

RI/FS PROJECT SCHEDULES
FERNALD ENVIRONMENTAL MGMT. PROJECT
OPERABLE UNIT 1 BAR CHART LEVEL IV

Sheet 14 of 14

Project Start : 31OCT90
Project Finish: 4MAY01

Data Date: 10AUG91
Plot Date: 12SEP91

Prepared by ASI/IT Corp.

Date	Revision	Checked	Approved

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Detailed Precedence Analysis

RI/FS PROJECT SCHEDULES | PRIMAVERA PROJECT PLANNER | FERNALD ENVIRONMENTAL MGMT. PROJECT

REPORT DATE 12SEP91 14:36 RUN NO. 473 | Prepared by ASI/IT Corp. | START DATE 31OCT90 FIN DATE 4MAY01

SCHED REP - DETAILED PRECEDENCE ANALYSIS OU 1 | DATA DATE 10AUG91 PAGE NO. 1

ACTIVITY ID	ORIG DUR	REM DUR	%	CODE			ACTIVITY DESCRIPTION	LATE START	LATE FINISH
OPERABLE UNIT 1 SAMPLING									
1203A15001	20	0	100			12	AUTHORIZATION TO PROCEED/CCB APPROVAL	1MAR91A	26MAR91A
..1203A02000*	251	135	46	S	SS	0	OPERABLE UNIT RELATED FIELD ACTIVITIES	1MAR91A	12NOV92
..1203A15214	30	0	100	S	SS	0	PREPARE FINAL H&S PLAN	28MAR91A	10MAY91A
..1203A15542	15	0	100	S	FS	0	MOBILIZATION/PROCUREMENT	29MAR91A	11JUN91A
1203A15214	30	0	100			12	PREPARE FINAL H&S PLAN	28MAR91A	10MAY91A
..1203A15001	20	0	100	P	SS	0	AUTHORIZATION TO PROCEED/CCB APPROVAL	1MAR91A	26MAR91A
..1203A15215	0	0	100	S	FS	0	DOE/WMCO APPROVAL H&S WORK PLAN		14MAY91A
1203A15215	0	0	100			12	DOE/WMCO APPROVAL H&S WORK PLAN		14MAY91A
..1203A15214	30	0	100	P	FS	0	PREPARE FINAL H&S PLAN	28MAR91A	10MAY91A
..1203A15330	3	0	100	S	FS	0	PENETRATION PERMIT (OU1 SAMPLING)	11JUN91A	14JUN91A
1203A15330	3	0	100			12	PENETRATION PERMIT (OU1 SAMPLING)	11JUN91A	14JUN91A
..1203A15215	0	0	100	P	FS	0	DOE/WMCO APPROVAL H&S WORK PLAN		14MAY91A
..1203A15338	1	0	100	S	FS	0	RADIATION WORK PERMIT (OU1 SAMPLING)	14JUN91A	15JUN91A
1203A15338	1	0	100			12	RADIATION WORK PERMIT (OU1 SAMPLING)	14JUN91A	15JUN91A
..1203A15330	3	0	100	P	FS	0	PENETRATION PERMIT (OU1 SAMPLING)	11JUN91A	14JUN91A
..1203A15540	2	0	100	S	SS	0	OU1 SAMPLING SPECIFIC TRAINING	14JUN91A	15JUN91A
1203A15540	2	0	100			12	OU1 SAMPLING SPECIFIC TRAINING	14JUN91A	15JUN91A
..1203A15338	1	0	100	P	SS	0	RADIATION WORK PERMIT (OU1 SAMPLING)	14JUN91A	15JUN91A
..1203A15543	85	38	55	S	FS	0	BUILD WASTE PIT ROADS	3JUN91A	30CT91
1203A15542	15	0	100			12	MOBILIZATION/PROCUREMENT	29MAR91A	11JUN91A
..1203A15001	20	0	100	P	FS	0	AUTHORIZATION TO PROCEED/CCB APPROVAL	1MAR91A	26MAR91A
..1203A15543	85	38	55	S	FS	0	BUILD WASTE PIT ROADS	3JUN91A	30CT91
1203A15543	85	38	55			12	BUILD WASTE PIT ROADS	3JUN91A	30CT91
..1203A15540	2	0	100	P	FS	0	OU1 SAMPLING SPECIFIC TRAINING	14JUN91A	15JUN91A
..1203A15542	15	0	100	P	FS	0	MOBILIZATION/PROCUREMENT	29MAR91A	11JUN91A
..1203A15544*	65	28	57	S	FF	-10	WELL INSTALLATION (13 LOCATIONS)	17JUN91A	19SEP91
1203A15544	65	28	57			12	WELL INSTALLATION (13 LOCATIONS)	17JUN91A	19SEP91
..1203A15543*	85	38	55	P	FF	-10	BUILD WASTE PIT ROADS	3JUN91A	30CT91
..1203A15545*	10	10	0	S	SS	40	EXTRACTIONS PIT 2	6SEP91	19SEP91
..1203A15546*	2	2	0	S	FS	0	SHIPPING/ARCHIVING	21SEP91	22SEP91
..1203A15548*	5	5	0	S	FS	0	DEMOBILIZATION	20SEP91	24SEP91*
..1203A15550*	0	0	100	S	SS	44	OEPA APPROVAL REVISION PIT 4 CLOSURE PLAN	26JUL91A	
..1203A15660	1	1	0	S	SS	10	TASK SPECIFIC WELL DEVELOPMENT TRAINING	11AUG91	11AUG91
..1203A15664	39	39	0	S	FF	5	WELL DEVELOPMENT/SAMPLING	13AUG91	4OCT91

ACTIVITY ID	ORIG DUR	REM DUR	%	CODE	ACTIVITY DESCRIPTION	LATE START	LATE FINISH
OPERABLE UNIT 1 SAMPLING							
1203A15545	10	10	0	12	EXTRACTIONS PIT 2	6SEP91	19SEP91
..1203A15544*	65	28	57	P SS 40	WELL INSTALLATION (13 LOCATIONS)	17JUN91A	19SEP91
..1203A15546	2	2	0	S FS 0	SHIPPING/ARCHIVING	21SEP91	22SEP91
..1203A15548	5	5	0	S FS 0	DEMOBILIZATION	20SEP91	24SEP91*
1203A15546	2	2	0	12	SHIPPING/ARCHIVING	21SEP91	22SEP91
..1203A15544*	65	28	57	P FS 0	WELL INSTALLATION (13 LOCATIONS)	17JUN91A	19SEP91
..1203A15545	10	10	0	P FS 0	EXTRACTIONS PIT 2	6SEP91	19SEP91
..1203A15547*	5	5	0	S FS 0	FIELD DATA VALIDATION	30OCT92	5NOV92
..1203A15991*	80	80	0	S FS 0	LAB ANALYSIS - PIT CONTENTS	23SEP91	10JAN92*
..1205A31145*	2	2	0	S FS 2	SAMPLE RECEIPT	7JAN92	8JAN92
1203A15547	5	5	0	12	FIELD DATA VALIDATION	30OCT92	5NOV92
..1203A15546*	2	2	0	P FS 0	SHIPPING/ARCHIVING	21SEP91	22SEP91
..1203A15549*	5	5	0	S FS 0	FIELD DATA ENTRY	6NOV92	12NOV92
1203A15548	5	5	0	12	DEMOBILIZATION	20SEP91	24SEP91*
..1203A15544*	65	28	57	P FS 0	WELL INSTALLATION (13 LOCATIONS)	17JUN91A	19SEP91
..1203A15545	10	10	0	P FS 0	EXTRACTIONS PIT 2	6SEP91	19SEP91
..1203A15549	5	5	0	S FF 0	FIELD DATA ENTRY	6NOV92	12NOV92
1203A15549	5	5	0	12	FIELD DATA ENTRY	6NOV92	12NOV92
..1203A15547*	5	5	0	P FS 0	FIELD DATA VALIDATION	30OCT92	5NOV92
..1203A15548	5	5	0	P FF 0	DEMOBILIZATION	20SEP91	24SEP91*
..1203A15998	5	5	0	S FS 0	DATA BASE ENTRY	13NOV92	19NOV92
1203A15550	0	0	100	12	OEPA APPROVAL REVISION PIT 4 CLOSURE PLAN	26JUL91A	
..1203A15544*	65	28	57	P SS 44	WELL INSTALLATION (13 LOCATIONS)	17JUN91A	19SEP91
1203A15660	1	1	0	12	TASK SPECIFIC WELL DEVELOPMENT TRAINING	11AUG91	11AUG91
..1203A15544	65	28	57	P SS 10	WELL INSTALLATION (13 LOCATIONS)	17JUN91A	19SEP91
..1203A15662	1	1	0	S FS 0	WELL DEVELOPMENT MOBILIZATION	12AUG91	12AUG91
1203A15662	1	1	0	12	WELL DEVELOPMENT MOBILIZATION	12AUG91	12AUG91
.1203A15660	1	1	0	P FS 0	TASK SPECIFIC WELL DEVELOPMENT TRAINING	11AUG91	11AUG91
.1203A15664*	39	39	0	S FS 0	WELL DEVELOPMENT/SAMPLING	13AUG91	4OCT91
1203A15664	39	39	0	12	WELL DEVELOPMENT/SAMPLING	13AUG91	4OCT91
.1203A15544	65	28	57	P FF 5	WELL INSTALLATION (13 LOCATIONS)	17JUN91A	19SEP91
.1203A15662*	1	1	0	P FS 0	WELL DEVELOPMENT MOBILIZATION	12AUG91	12AUG91
.1203A15676*	2	2	0	S FS 0	SHIPPING/ARCHIVING	7OCT91	8OCT91
.1203A15678*	2	2	0	S FS 0	DEMOBILIZATION/DECON	7OCT91	8OCT91*

ACTIVITY ID	ORIG DUR	REM DUR	%		CODE	ACTIVITY DESCRIPTION	LATE START	LATE FINISH
OPERABLE UNIT 1 SAMPLING								
1203A15676	2	2	0		12	SHIPPING/ARCHIVING	7OCT91	8OCT91
..1203A15664*	39	39	0	P FS	0	WELL DEVELOPMENT/SAMPLING	13AUG91	4OCT91
..1203A15677*	5	5	0	S FS	0	FIELD DATA VALIDATION	30OCT92	5NOV92
..1203A15993*	80	80	0	S FS	0	LAB ANALYSIS - LEACHATE SAMPLES	9OCT91	28JAN92*
1203A15677	5	5	0		12	FIELD DATA VALIDATION	30OCT92	5NOV92
..1203A15676*	2	2	0	P FS	0	SHIPPING/ARCHIVING	7OCT91	8OCT91
..1203A15679*	5	5	0	S FS	0	FIELD DATA ENTRY	6NOV92	12NOV92
1203A15678	2	2	0		12	DEMOBILIZATION/DECON	7OCT91	8OCT91*
..1203A15664*	39	39	0	P FS	0	WELL DEVELOPMENT/SAMPLING	13AUG91	4OCT91
..1203A15679	5	5	0	S FF	0	FIELD DATA ENTRY	6NOV92	12NOV92
1203A15679	5	5	0		12	FIELD DATA ENTRY	6NOV92	12NOV92
..1203A15677*	5	5	0	P FS	0	FIELD DATA VALIDATION	30OCT92	5NOV92
..1203A15678	2	2	0	P FF	0	DEMOBILIZATION/DECON	7OCT91	8OCT91*
..1203A15998	5	5	0	S FS	0	DATA BASE ENTRY	13NOV92	19NOV92
1203A15991	80	80	0		12	LAB ANALYSIS - PIT CONTENTS	23SEP91	10JAN92*
..1203A15546*	2	2	0	P FS	0	SHIPPING/ARCHIVING	21SEP91	22SEP91
..1203A15992*	80	80	0	S SS	0	OU1 GEOTECHNICAL ANALYSIS	16JUL92	4NOV92
..1203A15995*	1	1	0	S FS	0	REC LAB REP - PIT CONTENTS	5NOV92	5NOV92
1203A15992	80	80	0		12	OU1 GEOTECHNICAL ANALYSIS	16JUL92	4NOV92
..1203A15991*	80	80	0	P SS	0	LAB ANALYSIS - PIT CONTENTS	23SEP91	10JAN92*
..1203A15995*	1	1	0	S FS	0	REC LAB REP - PIT CONTENTS	5NOV92	5NOV92
1203A15993	80	80	0		12	LAB ANALYSIS - LEACHATE SAMPLES	9OCT91	28JAN92*
..1203A15676*	2	2	0	P FS	0	SHIPPING/ARCHIVING	7OCT91	8OCT91
..1203A15996*	1	1	0	S FS	0	REC LAB RPT - LEACHATE SAMPLES	5NOV92	5NOV92
1203A15995	1	1	0		12	REC LAB REP - PIT CONTENTS	5NOV92	5NOV92
..1203A15991*	80	80	0	P FS	0	LAB ANALYSIS - PIT CONTENTS	23SEP91	10JAN92*
..1203A15992*	80	80	0	P FS	0	OU1 GEOTECHNICAL ANALYSIS	16JUL92	4NOV92
..1203A15997	5	5	0	S FS	0	VALIDATE LABORATORY DATA	6NOV92	12NOV92
1203A15996	1	1	0		12	REC LAB RPT - LEACHATE SAMPLES	5NOV92	5NOV92
..1203A15993*	80	80	0	P FS	0	LAB ANALYSIS - LEACHATE SAMPLES	9OCT91	28JAN92*
..1203A15997	5	5	0	S FS	0	VALIDATE LABORATORY DATA	6NOV92	12NOV92
1203A15997	5	5	0		12	VALIDATE LABORATORY DATA	6NOV92	12NOV92
..1203A02000*	251	135	46	P FF	0	OPERABLE UNIT RELATED FIELD ACTIVITIES	1MAR91A	12NOV92
..1203A15995	1	1	0	P FS	0	REC LAB REP - PIT CONTENTS	5NOV92	5NOV92
..1203A15996	1	1	0	P FS	0	REC LAB RPT - LEACHATE SAMPLES	5NOV92	5NOV92

ACTIVITY ID	ORIG DUR	REM DUR	%	CODE	ACTIVITY DESCRIPTION	LATE START	LATE FINISH
..1203W15138*	10	10	0	P FS 0	WMCO REVIEW AND APPROVE RADON FLUX SURVEY REPORT	23OCT92	5NOV92
..1203A15998*	5	5	0	S FS 0	DATA BASE ENTRY	13NOV92	19NOV92
..1204A81100	21	21	0	S FS 0	EVALUATE DATA FOR OU1 RISK ASSMT	20NOV92	18DEC92
..1206A25102	5	5	0	S FS 0	OBTAIN VALIDATED FIELD ANALYSIS	20NOV92	26NOV92
1203A15998	5	5	0	12	DATA BASE ENTRY	13NOV92	19NOV92
..1203A15549	5	5	0	P FS 0	FIELD DATA ENTRY	6NOV92	12NOV92
..1203A15679	5	5	0	P FS 0	FIELD DATA ENTRY	6NOV92	12NOV92
..1203A15997*	5	5	0	P FS 0	VALIDATE LABORATORY DATA	6NOV92	12NOV92
..1204A81100*	21	21	0	S FS 0	EVALUATE DATA FOR OU1 RISK ASSMT	20NOV92	18DEC92
..1206A25102*	5	5	0	S FS 0	OBTAIN VALIDATED FIELD ANALYSIS	20NOV92	26NOV92
1203W15100	1	0	100	12	START RADON FLUX SURVEY	23MAY91A	23MAY91A
..1203W15101	45	0	100	S FS 0	PREPARE RADON WORK PLAN	23MAY91A	24JUL91A
1203W15101	45	0	100	12	PREPARE RADON WORK PLAN	23MAY91A	24JUL91A
..1203W15100	1	0	100	P FS 0	START RADON FLUX SURVEY	23MAY91A	23MAY91A
..1203W15103	1	0	100	S FS 0	SUBMIT WORK PLAN TO DOE	25JUL91A	25JUL91A
1203W15103	1	0	100	12	SUBMIT WORK PLAN TO DOE	25JUL91A	25JUL91A
..1203W15101	45	0	100	P FS 0	PREPARE RADON WORK PLAN	23MAY91A	24JUL91A
..1203W15105	21	10	52	S FS 0	DOE/WMCO REVIEW AND COMMENT OF WORK PLAN	26JUL91A	21MAY92
1203W15105	21	10	52	12	DOE/WMCO REVIEW AND COMMENT OF WORK PLAN	26JUL91A	21MAY92
..1203W15103	1	0	100	P FS 0	SUBMIT WORK PLAN TO DOE	25JUL91A	25JUL91A
..1203W15108*	21	21	0	S FS 0	INCORPORATE DOE/WMCO COMMENTS	22MAY92	19JUN92
1203W15108	21	21	0	12	INCORPORATE DOE/WMCO COMMENTS	22MAY92	19JUN92
..1203W15105*	21	10	52	P FS 0	DOE/WMCO REVIEW AND COMMENT OF WORK PLAN	26JUL91A	21MAY92
..1203W15111*	1	1	0	S FS 0	SUBMIT WORK PLAN TO EPA FOR REVIEW AND COMMENT	22JUN92	22JUN92
1203W15111	1	1	0	12	SUBMIT WORK PLAN TO EPA FOR REVIEW AND COMMENT	22JUN92	22JUN92
.1203W15108*	21	21	0	P FS 0	INCORPORATE DOE/WMCO COMMENTS	22MAY92	19JUN92
.1203W15113*	21	21	0	S FS 0	EPA REVIEW AND COMMENT OF WORK PLAN	23JUN92	21JUL92
1203W15113	21	21	0	12	EPA REVIEW AND COMMENT OF WORK PLAN	23JUN92	21JUL92
.1203W15111*	1	1	0	P FS 0	SUBMIT WORK PLAN TO EPA FOR REVIEW AND COMMENT	22JUN92	22JUN92
.1203W15115*	10	10	0	S FS 0	INCORPORATE EPA COMMENTS	22JUL92	4AUG92
1203W15115	10	10	0	12	INCORPORATE EPA COMMENTS	22JUL92	4AUG92
.1203W15113*	21	21	0	P FS 0	EPA REVIEW AND COMMENT OF WORK PLAN	23JUN92	21JUL92
.1203W15118*	1	1	0	S FS 0	RE-SUBMIT WORK PLAN TO EPA	5AUG92	5AUG92
1203W15118	1	1	0	12	RE-SUBMIT WORK PLAN TO EPA	5AUG92	5AUG92
.1203W15115*	10	10	0	P FS 0	INCORPORATE EPA COMMENTS	22JUL92	4AUG92

ACTIVITY ID	ORIG DUR	REM DUR	%	CODE	ACTIVITY DESCRIPTION	LATE START	LATE FINISH
..1203W15121*	10	10	0	S FS 0	EPA REVIEW AND APPROVE WORK PLAN	6AUG92	19AUG92
1203W15121	10	10	0	12	EPA REVIEW AND APPROVE WORK PLAN	6AUG92	19AUG92
..1203W15118*	1	1	0	P FS 0	RE-SUBMIT WORK PLAN TO EPA	5AUG92	5AUG92
..1203W15123*	5	5	0	S FS 0	INCORPORATE FINAL EPA COMMENTS	20AUG92	26AUG92
1203W15123	5	5	0	12	INCORPORATE FINAL EPA COMMENTS	20AUG92	26AUG92
..1203W15121*	10	10	0	P FS 0	EPA REVIEW AND APPROVE WORK PLAN	6AUG92	19AUG92
..1203W15125*	2	2	0	S FS 0	PRINT AND DISTRIBUTE FINAL WORK PLAN	27AUG92	28AUG92
1203W15125	2	2	0	12	PRINT AND DISTRIBUTE FINAL WORK PLAN	27AUG92	28AUG92
..1203W15123*	5	5	0	P FS 0	INCORPORATE FINAL EPA COMMENTS	20AUG92	26AUG92
..1203W15128*	5	5	0	S FS 0	OBTAIN MONITORING PERMITS	7SEP92	11SEP92
..1203W15131*	7	7	0	S FS 0	TRAINING	3SEP92	11SEP92
..1203W15133*	10	10	0	S FS 0	MOBILIZATION	31AUG92	11SEP92
1203W15128	5	5	0	12	OBTAIN MONITORING PERMITS	7SEP92	11SEP92
..1203W15125*	2	2	0	P FS 0	PRINT AND DISTRIBUTE FINAL WORK PLAN	27AUG92	28AUG92
..1203W15135	29	29	0	S FS 0	FIELD MEASUREMENT & SAMPLING REPORT PREPARATION	14SEP92	22OCT92
1203W15131	7	7	0	12	TRAINING	3SEP92	11SEP92
..1203W15125*	2	2	0	P FS 0	PRINT AND DISTRIBUTE FINAL WORK PLAN	27AUG92	28AUG92
..1203W15135	29	29	0	S FS 0	FIELD MEASUREMENT & SAMPLING REPORT PREPARATION	14SEP92	22OCT92
1203W15133	10	10	0	12	MOBILIZATION	31AUG92	11SEP92
..1203W15125*	2	2	0	P FS 0	PRINT AND DISTRIBUTE FINAL WORK PLAN	27AUG92	28AUG92
..1203W15135*	29	29	0	S FS 0	FIELD MEASUREMENT & SAMPLING REPORT PREPARATION	14SEP92	22OCT92
1203W15135	29	29	0	12	FIELD MEASUREMENT & SAMPLING REPORT PREPARATION	14SEP92	22OCT92
..1203W15128	5	5	0	P FS 0	OBTAIN MONITORING PERMITS	7SEP92	11SEP92
..1203W15131	7	7	0	P FS 0	TRAINING	3SEP92	11SEP92
..1203W15133*	10	10	0	P FS 0	MOBILIZATION	31AUG92	11SEP92
..1203W15138*	10	10	0	S FS 0	WMCO REVIEW AND APPROVE RADON FLUX SURVEY REPORT	23OCT92	5NOV92
1203W15138	10	10	0	12	WMCO REVIEW AND APPROVE RADON FLUX SURVEY REPORT	23OCT92	5NOV92
..1203W15135*	29	29	0	P FS 0	FIELD MEASUREMENT & SAMPLING REPORT PREPARATION	14SEP92	22OCT92
..1203A15997*	5	5	0	S FS 0	VALIDATE LABORATORY DATA	6NOV92	12NOV92
OPERABLE UNIT 1 SAMPLING (WEMCO)							
1203W43101	10	0	100	12	PREPARE HEALTH AND SAFETY PLAN (REVISED)	14JUL91A	1AUG91A
..1203W01100	1	0	100	P SS 0	START PITS 5 & 6 AND CWELL SAMPLING		
..1203W43102	5	0	100	S FS 0	INTERNAL REVIEW	2AUG91A	9AUG91A
..1203W43118	1	1	5	S FS 0	OBTAIN PERMITS	28NOV91	28NOV91

ACTIVITY ID	ORIG DUR	REM DUR	%	CODE	ACTIVITY DESCRIPTION	LATE START	LATE FINISH
OPERABLE UNIT 1 SAMPLING (WEMCO)							
1203W43102	5	0	100	12	INTERNAL REVIEW	2AUG91A	9AUG91A
..1203W43101	10	0	100	P FS 0	PREPARE HEALTH AND SAFETY PLAN (REVISED)	14JUL91A	1AUG91A
..1203W43103	5	5	0	S FS 0	INCORPORATE COMMENTS	6NOV91	12NOV91
1203W43103	5	5	0	12	INCORPORATE COMMENTS	6NOV91	12NOV91
..1203W43102	5	0	100	P FS 0	INTERNAL REVIEW	2AUG91A	9AUG91A
..1203W43104*	5	5	0	S FS 0	DOE/WMCO APPROVE HEALTH AND SAFETY PLAN	13NOV91	19NOV91
1203W43104	5	5	0	12	DOE/WMCO APPROVE HEALTH AND SAFETY PLAN	13NOV91	19NOV91
..1203W43103*	5	5	0	P FS 0	INCORPORATE COMMENTS	6NOV91	12NOV91
..1203W43119	5	5	0	S FS 0	MOBILIZATION	22NOV91	28NOV91
..1203W43120	7	7	0	S FS 0	TRAINING	20NOV91	28NOV91
1203W43105	10	0	100	12	PREPARE WORK PLAN (SAMPLING)	12JUL91A	26JUL91A
..1203W01100	1	0	100	P SS 0	START PITS 5 & 6 AND CWELL SAMPLING		
..1203W43106	5	0	100	S FS 0	INTERNAL REVIEW	29JUL91A	2AUG91A
..1203W43118	1	1	5	S FS 0	OBTAIN PERMITS	28NOV91	28NOV91
1203W43106	5	0	100	12	INTERNAL REVIEW	29JUL91A	2AUG91A
..1203W43105	10	0	100	P FS 0	PREPARE WORK PLAN (SAMPLING)	12JUL91A	26JUL91A
..1203W43107	5	0	100	S FS 0	INCORPORATE COMMENTS	5AUG91A	5AUG91A
1203W43107	5	0	100	12	INCORPORATE COMMENTS	5AUG91A	5AUG91A
..1203W43106	5	0	100	P FS 0	INTERNAL REVIEW	29JUL91A	2AUG91A
..1203W43108	1	0	100	S FS 0	SUBMIT TO DOE FOR REVIEW	6AUG91A	6AUG91A
1203W43108	1	0	100	12	SUBMIT TO DOE FOR REVIEW	6AUG91A	6AUG91A
..1203W43107	5	0	100	P FS 0	INCORPORATE COMMENTS	5AUG91A	5AUG91A
..1203W43109	10	7	30	S FS 0	DOE/WMCO REVIEW AND COMMENT	7AUG91A	20AUG91
1203W43109	10	7	30	12	DOE/WMCO REVIEW AND COMMENT	7AUG91A	20AUG91
..1203W43108	1	0	100	P FS 0	SUBMIT TO DOE FOR REVIEW	6AUG91A	6AUG91A
..1203W43110*	10	10	0	S FS 0	INCORPORATE DOE/WMCO COMMENTS	21AUG91	3SEP91
1203W43110	10	10	0	12	INCORPORATE DOE/WMCO COMMENTS	21AUG91	3SEP91
.1203W43109*	10	7	30	P FS 0	DOE/WMCO REVIEW AND COMMENT	7AUG91A	20AUG91
.1203W43111*	2	2	0	S FS 0	INTERNAL REVIEW	4SEP91	5SEP91
1203W43111	2	2	0	12	INTERNAL REVIEW	4SEP91	5SEP91
.1203W43110*	10	10	0	P FS 0	INCORPORATE DOE/WMCO COMMENTS	21AUG91	3SEP91
.1203W43112*	1	1	0	S FS 0	SUBMIT REVISED PLAN TO EPA	6SEP91	6SEP91
1203W43112	1	1	0	12	SUBMIT REVISED PLAN TO EPA	6SEP91	6SEP91
.1203W43111*	2	2	0	P FS 0	INTERNAL REVIEW	4SEP91	5SEP91

ACTIVITY ID	ORIG DUR	REM DUR	%	CODE	ACTIVITY DESCRIPTION	LATE START	LATE FINISH
..1203W43113*	21	21	0	S FS 0	EPA/DOE/WMCO REVIEW AND COMMENT	9SEP91	7OCT91
1203W43113	21	21	0	12	EPA/DOE/WMCO REVIEW AND COMMENT	9SEP91	7OCT91
..1203W43112*	1	1	0	P FS 0	SUBMIT REVISED PLAN TO EPA	6SEP91	6SEP91
..1203W43114*	10	10	0	S FS 0	RESPOND TO EPA COMMENTS	8OCT91	21OCT91
1203W43114	10	10	0	12	RESPOND TO EPA COMMENTS	8OCT91	21OCT91
..1203W43113*	21	21	0	P FS 0	EPA/DOE/WMCO REVIEW AND COMMENT	9SEP91	7OCT91
..1203W43115*	21	21	0	S FS 0	EPA REVIEW AND APPROVAL	22OCT91	19NOV91
..1203W43119*	5	5	0	S FS 0	MOBILIZATION	22NOV91	28NOV91
..1203W43120*	7	7	0	S FS 0	TRAINING	20NOV91	28NOV91
1203W43115	21	21	0	12	EPA REVIEW AND APPROVAL	22OCT91	19NOV91
..1203W43114*	10	10	0	P FS 0	RESPOND TO EPA COMMENTS	8OCT91	21OCT91
..1203W43116*	5	5	0	S FS 0	INCORPORATE FINAL EPA COMMENTS	20NOV91	26NOV91
1203W43116	5	5	0	12	INCORPORATE FINAL EPA COMMENTS	20NOV91	26NOV91
..1203W43115*	21	21	0	P FS 0	EPA REVIEW AND APPROVAL	22OCT91	19NOV91
..1203W43117*	2	2	0	S FS 0	PRINT AND DISTRIBUTE FINAL REPORT	27NOV91	28NOV91
1203W43117	2	2	0	12	PRINT AND DISTRIBUTE FINAL REPORT	27NOV91	28NOV91
..1203W43116*	5	5	0	P FS 0	INCORPORATE FINAL EPA COMMENTS	20NOV91	26NOV91
..1203W43121*	15	15	0	S FS 0	PITS 5,6 CLEARWELL SAMPLING	29NOV91	19DEC91
1203W43118	1	1	5	12	OBTAIN PERMITS	28NOV91	28NOV91
..1203W43101	10	0	100	P FS 0	PREPARE HEALTH AND SAFETY PLAN (REVISED)	14JUL91A	1AUG91A
..1203W43105	10	0	100	P FS 0	PREPARE WORK PLAN (SAMPLING)	12JUL91A	26JUL91A
..1203W43121	15	15	0	S FS 0	PITS 5,6 CLEARWELL SAMPLING	29NOV91	19DEC91
1203W43119	5	5	0	12	MOBILIZATION	22NOV91	28NOV91
..1203W43104	5	5	0	P FS 0	DOE/WMCO APPROVE HEALTH AND SAFETY PLAN	13NOV91	19NOV91
..1203W43114*	10	10	0	P FS 0	RESPOND TO EPA COMMENTS	8OCT91	21OCT91
..1203W43121	15	15	0	S FS 0	PITS 5,6 CLEARWELL SAMPLING	29NOV91	19DEC91
1203W43120	7	7	0	12	TRAINING	20NOV91	28NOV91
..1203W43104	5	5	0	P FS 0	DOE/WMCO APPROVE HEALTH AND SAFETY PLAN	13NOV91	19NOV91
..1203W43114*	10	10	0	P FS 0	RESPOND TO EPA COMMENTS	8OCT91	21OCT91
..1203W43121	15	15	0	S FS 0	PITS 5,6 CLEARWELL SAMPLING	29NOV91	19DEC91
1203W43121	15	15	0	12	PITS 5,6 CLEARWELL SAMPLING	29NOV91	19DEC91
..1203W43117*	2	2	0	P FS 0	PRINT AND DISTRIBUTE FINAL REPORT	27NOV91	28NOV91
..1203W43118	1	1	5	P FS 0	OBTAIN PERMITS	28NOV91	28NOV91
..1203W43119	5	5	0	P FS 0	MOBILIZATION	22NOV91	28NOV91
..1203W43120	7	7	0	P FS 0	TRAINING	20NOV91	28NOV91
..1203W43122*	15	15	0	S SS 5	SAMPLE SHIPPING PREPARATION	6DEC91	26DEC91

ACTIVITY ID	ORIG DUR	REM DUR	%	CODE	ACTIVITY DESCRIPTION	LATE START	LATE FINISH
..1203W43124*	5	5	0	S FS 0	DECONTAMINATION AND DEMOBILIZATION	24FEB92	28FEB92*
1203W43122	15	15	0	12	SAMPLE SHIPPING PREPARATION	6DEC91	26DEC91
..1203W43121*	15	15	0	P SS 5	PITS 5,6 CLEARWELL SAMPLING	29NOV91	19DEC91
..1203W43123*	15	15	0	S SS 5	SAMPLING SHIPPING	13DEC91	2JAN92
1203W43123	15	15	0	12	SAMPLING SHIPPING	13DEC91	2JAN92
..1203W43122*	15	15	0	P SS 5	SAMPLE SHIPPING PREPARATION	6DEC91	26DEC91
..1205A31160	42	42	0	S FS 0	ADVANCED TREATABILITY	6AUG92	20CT92
1203W43124	5	5	0	12	DECONTAMINATION AND DEMOBILIZATION	24FEB92	28FEB92*
..1203W43121*	15	15	0	P FS 0	PITS 5,6 CLEARWELL SAMPLING	29NOV91	19DEC91
OU-BL RISK ASSESSMENT							
1204A81050	30	30	0	12	PERFORM F & T CALC's.	4DEC92	14JAN93
..1204A81100*	21	21	0	P SS 10	EVALUATE DATA FOR OU1 RISK ASSMT	20NOV92	18DEC92
..1204A81130*	20	20	0	S FS 0	EVAL. EXP./RISK/TOXICITY	15JAN93	11FEB93
1204A81100	21	21	0	12	EVALUATE DATA FOR OU1 RISK ASSMT	20NOV92	18DEC92
..0200A85601	21	21	0	P FS 0	EPA REVIEW AND APPROVE	7NOV91	5DEC91
..1203A15997	5	5	0	P FS 0	VALIDATE LABORATORY DATA	6NOV92	12NOV92
..1203A15998*	5	5	0	P FS 0	DATA BASE ENTRY	13NOV92	19NOV92
..1204A81000*	87	87	0	S SS 0	OU1 BL RISK ASSESSMENT	20NOV92	7JUN93
..1204A81050*	30	30	0	S SS 10	PERFORM F & T CALC's.	4DEC92	14JAN93
..1204A81120*	10	10	0	S FS 0	DETER. CHEMICALS OF CONCERN	1JAN93	14JAN93
1204A81120	10	10	0	12	DETER. CHEMICALS OF CONCERN	1JAN93	14JAN93
..1204A81100*	21	21	0	P FS 0	EVALUATE DATA FOR OU1 RISK ASSMT	20NOV92	18DEC92
..1204A81130	20	20	0	S FS 0	EVAL. EXP./RISK/TOXICITY	15JAN93	11FEB93
1204A81130	20	20	0	12	EVAL. EXP./RISK/TOXICITY	15JAN93	11FEB93
..1204A81050*	30	30	0	P FS 0	PERFORM F & T CALC's.	4DEC92	14JAN93
..1204A81120	10	10	0	P FS 0	DETER. CHEMICALS OF CONCERN	1JAN93	14JAN93
..1204A81140*	20	20	0	S FS 0	PREPARE OU1 RA REPORT	12FEB93	11MAR93
1204A81140	20	20	0	12	PREPARE OU1 RA REPORT	12FEB93	11MAR93
..1204A81130*	20	20	0	P FS 0	EVAL. EXP./RISK/TOXICITY	15JAN93	11FEB93
..1204A81150*	7	7	0	S FS 0	INTERNAL REVIEW OF RISK ASSESSMENT	28MAY93	7JUN93
..1206A25104*	21	21	0	S FS 0	INTEGRATE RI AND RA REPORTS	12MAR93	9APR93
1204A81150	7	7	0	12	INTERNAL REVIEW OF RISK ASSESSMENT	28MAY93	7JUN93
.1204A81000*	87	87	0	P FF 0	OU1 BL RISK ASSESSMENT	20NOV92	7JUN93
.1204A81140*	20	20	0	P FS 0	PREPARE OU1 RA REPORT	12FEB93	11MAR93
.1206A25105	5	5	0	S FF 0	INTERNAL REVIEW	1JUN93	7JUN93

ACTIVITY ID	ORIG DUR	REM DUR	%	CODE	ACTIVITY DESCRIPTION	LATE START	LATE FINISH
TREATABILITY STUDIES							
1205A31150	30	30	0	12	PRELIMINARY TREATABILITY	9JAN92	19FEB92
..1205A31100	10	10	0	P FS 0	TREATABILITY CCB REVIEW/APPROVE	26DEC91	8JAN92
..1205A31140*	21	21	0	P FS 0	EPA REVIEW & APPROVAL	11DEC91	8JAN92
..1205A31145	2	2	0	P FS 0	SAMPLE RECEIPT	7JAN92	8JAN92
..1205A31155*	120	120	0	S FS 0	PRELIMINARY ANALYSIS	20FEB92	5AUG92
1205A31155	120	120	0	12	PRELIMINARY ANALYSIS	20FEB92	5AUG92
..1205A31150*	30	30	0	P FS 0	PRELIMINARY TREATABILITY	9JAN92	19FEB92
..1205A31160*	42	42	0	S FS 0	ADVANCED TREATABILITY	6AUG92	20CT92
..1205A31180	15	15	0	S FS 0	PRELIMINARY/ADVANCED REPORT PREPARATION	22MAR93	9APR93
1205A31160	42	42	0	12	ADVANCED TREATABILITY	6AUG92	20CT92
..1203W43123	15	15	0	P FS 0	SAMPLING SHIPPING	13DEC91	2JAN92
..1205A31155*	120	120	0	P FS 0	PRELIMINARY ANALYSIS	20FEB92	5AUG92
..1205A31165*	120	120	0	S FS 0	ADVANCED ANALYSIS	5OCT92	19MAR93
1205A31165	120	120	0	12	ADVANCED ANALYSIS	5OCT92	19MAR93
..1205A31160*	42	42	0	P FS 0	ADVANCED TREATABILITY	6AUG92	20CT92
..1205A31180*	15	15	0	S FS 0	PRELIMINARY/ADVANCED REPORT PREPARATION	22MAR93	9APR93
..1205A31194	30	30	0	S FS 0	OPTIONAL TREATABILITY	4MAR94	14APR94
1205A31180	15	15	0	12	PRELIMINARY/ADVANCED REPORT PREPARATION	22MAR93	9APR93
..1205A31155	120	120	0	P FS 0	PRELIMINARY ANALYSIS	20FEB92	5AUG92
..1205A31165*	120	120	0	P FS 0	ADVANCED ANALYSIS	5OCT92	19MAR93
..1205A31182*	5	5	0	S FS 0	INTERNAL REVIEW	10SEP93	16SEP93
..1315A30101*	40	40	0	S FS 0	REVISE ALTERNATIVES	12APR93	4JUN93
..1315A30103*	30	30	0	S FS 0	PERFORM F/T MODELING	12APR93	21MAY93
1205A31182	5	5	0	12	INTERNAL REVIEW	10SEP93	16SEP93
..1205A31180*	15	15	0	P FS 0	PRELIMINARY/ADVANCED REPORT PREPARATION	22MAR93	9APR93
..1205A31183*	5	5	0	S FS 0	INCORPORATE COMMENTS	17SEP93	23SEP93
1205A31183	5	5	0	12	INCORPORATE COMMENTS	17SEP93	23SEP93
..1205A31182*	5	5	0	P FS 0	INTERNAL REVIEW	10SEP93	16SEP93
..1205A31184*	1	1	0	S FS 0	SUBMIT TO DOE	24SEP93	24SEP93
1205A31184	1	1	0	12	SUBMIT TO DOE	24SEP93	24SEP93
..1205A31183*	5	5	0	P FS 0	INCORPORATE COMMENTS	17SEP93	23SEP93
..1205A31185*	21	21	0	S FS 0	DOE/WMCO REVIEW AND COMMENT	27SEP93	25OCT93
1205A31185	21	21	0	12	DOE/WMCO REVIEW AND COMMENT	27SEP93	25OCT93
..1205A31184*	1	1	0	P FS 0	SUBMIT TO DOE	24SEP93	24SEP93
..1205A31192*	1	1	0	S FS 0	DECISION FOR OPTIONAL STUDIES	3MAR94	3MAR94
..1315A40130	5	5	0	S FF 0	INTERNAL REVIEW	19OCT93	25OCT93

ACTIVITY ID	ORIG DUR	REM DUR	%	CODE	ACTIVITY DESCRIPTION	LATE START	LATE FINISH
TREATABILITY STUDIES							
1205A31100	10	10	0	12	TREATABILITY CCB REVIEW/APPROVE	26DEC91	8JAN92
..1205A31150	30	30	0	S FS 0	PRELIMINARY TREATABILITY	9JAN92	19FEB92
1205A31101	21	0	100	12	TREATABILITY WORK PLANS	30APR91A	30MAY91A
..1205A02000*	688	614	11	S SS 0	TREATABILITY STUDIES	30APR91A	5DEC94
..1205A31105	1	0	100	S FS 0	SUBMIT WORK PLANS TO DOE	31MAY91A	31MAY91A
1205A31105	1	0	100	12	SUBMIT WORK PLANS TO DOE	31MAY91A	31MAY91A
..1205A31101	21	0	100	P FS 0	TREATABILITY WORK PLANS	30APR91A	30MAY91A
..1205A31110	21	0	100	S FS 0	DOE REVIEW OF WORK PLANS	3JUN91A	1JUL91A
1205A31110	21	0	100	12	DOE REVIEW OF WORK PLANS	3JUN91A	1JUL91A
..1205A31105	1	0	100	P FS 0	SUBMIT WORK PLANS TO DOE	31MAY91A	31MAY91A
..1205A31115	21	0	100	S FS 0	INCORPORATE COMMENTS	2JUL91A	25JUL91A
1205A31115	21	0	100	12	INCORPORATE COMMENTS	2JUL91A	25JUL91A
..1205A31110	21	0	100	P FS 0	DOE REVIEW OF WORK PLANS	3JUN91A	1JUL91A
..1205A31120	1	0	100	S FS 0	SUBMIT WORK PLANS TO EPA	26JUL91A	29JUL91A
1205A31120	1	0	100	12	SUBMIT WORK PLANS TO EPA	26JUL91A	29JUL91A
..1205A31115	21	0	100	P FS 0	INCORPORATE COMMENTS	2JUL91A	25JUL91A
..1205A31125	21	14	33	S FS 0	EPA REVIEW OF WORK PLANS	29JUL91A	8NOV91
1205A31125	21	14	33	12	EPA REVIEW OF WORK PLANS	29JUL91A	8NOV91
..1205A31120	1	0	100	P FS 0	SUBMIT WORK PLANS TO EPA	26JUL91A	29JUL91A
..1205A31130*	21	21	0	S FS 0	INCORPORATE EPA COMMENTS	11NOV91	9DEC91
1205A31130	21	21	0	12	INCORPORATE EPA COMMENTS	11NOV91	9DEC91
..1205A31125*	21	14	33	P FS 0	EPA REVIEW OF WORK PLANS	29JUL91A	8NOV91
..1205A31135*	1	1	0	S FS 0	RE-SUBMIT WORK PLANS TO EPA	10DEC91	10DEC91
1205A31135	1	1	0	12	RE-SUBMIT WORK PLANS TO EPA	10DEC91	10DEC91
..1205A31130*	21	21	0	P FS 0	INCORPORATE EPA COMMENTS	11NOV91	9DEC91
..1205A31140*	21	21	0	S FS 0	EPA REVIEW & APPROVAL	11DEC91	8JAN92
1205A31140	21	21	0	12	EPA REVIEW & APPROVAL	11DEC91	8JAN92
..1205A31135*	1	1	0	P FS 0	RE-SUBMIT WORK PLANS TO EPA	10DEC91	10DEC91
..1205A31150*	30	30	0	S FS 0	PRELIMINARY TREATABILITY	9JAN92	19FEB92
1205A31145	2	2	0	12	SAMPLE RECEIPT	7JAN92	8JAN92
..1203A15546*	2	2	0	P FS 2	SHIPPING/ARCHIVING	21SEP91	22SEP91
..1205A31150	30	30	0	S FS 0	PRELIMINARY TREATABILITY	9JAN92	19FEB92

ACTIVITY ID	ORIG DUR	REM DUR	%	CODE	ACTIVITY DESCRIPTION	LATE START	LATE FINISH
REMEDIAL INVESTIGATION							
1206A25104	21	21	0	12	INTEGRATE RI AND RA REPORTS	12MAR93	9APR93
..1204A81140*	20	20	0	P FS 0	PREPARE OU1 RA REPORT	12FEB93	11MAR93
..1206A25103*	80	80	0	P FS 0	DRAFT OU1 RI REPORT	20NOV92	11MAR93
..1206A25105*	5	5	0	S FS 0	INTERNAL REVIEW	1JUN93	7JUN93
..1315A30101	40	40	0	S FS 0	REVISE ALTERNATIVES	12APR93	4JUN93
1206A25105	5	5	0	12	INTERNAL REVIEW	1JUN93	7JUN93
..1204A81150	7	7	0	P FF 0	INTERNAL REVIEW OF RISK ASSESSMENT	28MAY93	7JUN93
..1206A25104*	21	21	0	P FS 0	INTEGRATE RI AND RA REPORTS	12MAR93	9APR93
..1206A25110	5	5	0	S FS 0	INCORP INTERNAL OU1 RI COMMENTS	8JUN93	14JUN93
1206A25110	5	5	0	12	INCORP INTERNAL OU1 RI COMMENTS	8JUN93	14JUN93
..0206A68613*	21	21	0	P FF 0	INCORPORATE EPA COMMENTS	20NOV92	18DEC92
..1206A02100*	149	149	0	P FF 0	REMEDIAL INVESTIGATION REPORT PREPARATION	20NOV92	14JUN93
..1206A25105	5	5	0	P FS 0	INTERNAL REVIEW	1JUN93	7JUN93
..1206A25501*	1	1	0	S FS 0	SUBMIT TO DOE	15JUN93	15JUN93
..1206A25505	21	21	0	S FS 0	DOE/WMCO REVIEW & COMMENT	16JUN93	14JUL93
1206A25501	1	1	0	12	SUBMIT TO DOE	15JUN93	15JUN93
..1206A25110*	5	5	0	P FS 0	INCORP INTERNAL OU1 RI COMMENTS	8JUN93	14JUN93
..1206A02500*	85	85	0	S SS 0	DOE RI REVIEW/REVISE/APPROVE	15JUN93	11OCT93
..1206A25505*	21	21	0	S FS 0	DOE/WMCO REVIEW & COMMENT	16JUN93	14JUL93
1206A25505	21	21	0	12	DOE/WMCO REVIEW & COMMENT	16JUN93	14JUL93
..1206A25110	5	5	0	P FS 0	INCORP INTERNAL OU1 RI COMMENTS	8JUN93	14JUN93
..1206A25501*	1	1	0	P FS 0	SUBMIT TO DOE	15JUN93	15JUN93
..1206A25508*	15	15	0	S FS 0	INCORPORATE DOE/WMCO COMMENTS	15JUL93	4AUG93
1206A25508	15	15	0	12	INCORPORATE DOE/WMCO COMMENTS	15JUL93	4AUG93
..1206A25505*	21	21	0	P FS 0	DOE/WMCO REVIEW & COMMENT	16JUN93	14JUL93
..1206A25509*	5	5	0	S FS 0	INTERNAL REVIEW OF REVISED DRAFT	5AUG93	11AUG93
1206A25509	5	5	0	12	INTERNAL REVIEW OF REVISED DRAFT	5AUG93	11AUG93
..1206A25508*	15	15	0	P FS 0	INCORPORATE DOE/WMCO COMMENTS	15JUL93	4AUG93
..1206A25510*	1	1	0	S FS 0	SUBMIT REVISED DRAFT TO DOE	12AUG93	12AUG93
1206A25510	1	1	0	12	SUBMIT REVISED DRAFT TO DOE	12AUG93	12AUG93
..1206A25509*	5	5	0	P FS 0	INTERNAL REVIEW OF REVISED DRAFT	5AUG93	11AUG93
..1206A25525*	21	21	0	S FS 0	EM-1 REVIEW AND COMMENT	13AUG93	10SEP93
1206A25525	21	21	0	12	EM-1 REVIEW AND COMMENT	13AUG93	10SEP93
..1206A25510*	1	1	0	P FS 0	SUBMIT REVISED DRAFT TO DOE	12AUG93	12AUG93
..1206A25530*	21	21	0	S FS 0	INCORPORATE EM-1 COMMENTS	13SEP93	11OCT93

ACTIVITY ID	ORIG DUR	REM DUR	%	CODE	ACTIVITY DESCRIPTION	LATE START	LATE FINISH
TREATABILITY STUDIES							
1205A31192	1	1	0	12	DECISION FOR OPTIONAL STUDIES	3MAR94	3MAR94
..1205A31185*	21	21	0	P FS 0	DOE/WMCO REVIEW AND COMMENT	27SEP93	25OCT93
..1205A31194*	30	30	0	S FS 0	OPTIONAL TREATABILITY	4MAR94	14APR94
1205A31194	30	30	0	12	OPTIONAL TREATABILITY	4MAR94	14APR94
..1205A31165	120	120	0	P FS 0	ADVANCED ANALYSIS	5OCT92	19MAR93
..1205A31192*	1	1	0	P FS 0	DECISION FOR OPTIONAL STUDIES	3MAR94	3MAR94
..1205A31195*	120	120	0	S FS 0	OPTIONAL ANALYSIS	15APR94	29SEP94
1205A31195	120	120	0	12	OPTIONAL ANALYSIS	15APR94	29SEP94
..1205A31194*	30	30	0	P FS 0	OPTIONAL TREATABILITY	4MAR94	14APR94
..1205A31197*	15	15	0	S FS 0	OPTIONAL DRAFT REPORT PREP.	30SEP94	20OCT94
1205A31197	15	15	0	12	OPTIONAL DRAFT REPORT PREP.	30SEP94	20OCT94
..1205A31195*	120	120	0	P FS 0	OPTIONAL ANALYSIS	15APR94	29SEP94
..1205A31199*	5	5	0	S FS 0	INTERNAL DOE/WMCO/ASI-IT REVIEW	21OCT94	27OCT94
1205A31199	5	5	0	12	INTERNAL DOE/WMCO/ASI-IT REVIEW	21OCT94	27OCT94
..1205A31197*	15	15	0	P FS 0	OPTIONAL DRAFT REPORT PREP.	30SEP94	20OCT94
..1205A31201*	5	5	0	S FS 0	INCORPORATE COMMENTS	28OCT94	3NOV94
1205A31201	5	5	0	12	INCORPORATE COMMENTS	28OCT94	3NOV94
..1205A31199*	5	5	0	P FS 0	INTERNAL DOE/WMCO/ASI-IT REVIEW	21OCT94	27OCT94
..1205A31203*	1	1	0	S FS 0	SUBMIT TO DOE	4NOV94	4NOV94
1205A31203	1	1	0	12	SUBMIT TO DOE	4NOV94	4NOV94
..1205A31201*	5	5	0	P FS 0	INCORPORATE COMMENTS	28OCT94	3NOV94
..1205A31205*	21	21	0	S FS 0	DOE/WMCO REVIEW AND COMMENT	7NOV94	5DEC94
1205A31205	21	21	0	12	DOE/WMCO REVIEW AND COMMENT	7NOV94	5DEC94
..1205A02000*	688	614	11	P FF 0	TREATABILITY STUDIES	30APR91A	5DEC94
..1205A31203*	1	1	0	P FS 0	SUBMIT TO DOE	4NOV94	4NOV94
..1319A50600	1	1	0	S FS 0	DOE SUBMIT OU1 EPA DRAFT ROD TO EPA	6DEC94	6DEC94
REMEDIAL INVESTIGATION							
1206A25102	5	5	0	12	OBTAIN VALIDATED FIELD ANALYSIS	20NOV92	26NOV92
..1203A15997	5	5	0	P FS 0	VALIDATE LABORATORY DATA	6NOV92	12NOV92
..1203A15998*	5	5	0	P FS 0	DATA BASE ENTRY	13NOV92	19NOV92
..1206A02100*	149	149	0	S SS 0	REMEDIAL INVESTIGATION REPORT PREPARATION	20NOV92	14JUN93
..1206A25103*	80	80	0	S SS 0	DRAFT OU1 RI REPORT	20NOV92	11MAR93
1206A25103	80	80	0	12	DRAFT OU1 RI REPORT	20NOV92	11MAR93
..1206A25102*	5	5	0	P SS 0	OBTAIN VALIDATED FIELD ANALYSIS	20NOV92	26NOV92
..1206A25104*	21	21	0	S FS 0	INTEGRATE RI AND RA REPORTS	12MAR93	9APR93

ACTIVITY ID	ORIG DUR	REM DUR	%	CODE	ACTIVITY DESCRIPTION	LATE START	LATE FINISH
REMEDIAL INVESTIGATION							
1206A25530	21	21	0	12	INCORPORATE EM-1 COMMENTS	13SEP93	11OCT93
..1206A02500*	85	85	0	P FF 0	DOE RI REVIEW/REVISE/APPROVE	15JUN93	11OCT93
..1206A25525*	21	21	0	P FS 0	EM-1 REVIEW AND COMMENT	13AUG93	10SEP93
..1206A25601*	1	1	0	S FS 0	SUBMIT OU1 RI TO EPA	12OCT93	12OCT93
1206A25601	1	1	0	12	SUBMIT OU1 RI TO EPA	12OCT93	12OCT93
..1206A25530*	21	21	0	P FS 0	INCORPORATE EM-1 COMMENTS	13SEP93	11OCT93
..1206A01050*	0	0	0	S FF 0	DELIVER DRAFT OU1 RI TO EPA		12OCT93
..1206A25610*	42	42	0	S FS 0	EPA REVIEW & COMMENT	13OCT93	9DEC93
1206A25610	42	42	0	12	EPA REVIEW & COMMENT	13OCT93	9DEC93
..1206A01050*	0	0	0	P FS 0	DELIVER DRAFT OU1 RI TO EPA		12OCT93
..1206A25601*	1	1	0	P FS 0	SUBMIT OU1 RI TO EPA	12OCT93	12OCT93
..1206A02600*	84	84	0	S SS 0	EPA RI REVIEW & APPROVE	13OCT93	7FEB94
..1206A25620*	21	21	0	S FS 0	RESPOND TO EPA COMMENTS	10DEC93	7JAN94
1206A25620	21	21	0	12	RESPOND TO EPA COMMENTS	10DEC93	7JAN94
..1206A25610*	42	42	0	P FS 0	EPA REVIEW & COMMENT	13OCT93	9DEC93
..1206A25625*	21	21	0	S FS 0	EPA REVIEW AND APPROVE	10JAN94	7FEB94
1206A25625	21	21	0	12	EPA REVIEW AND APPROVE	10JAN94	7FEB94
..1206A02600*	84	84	0	P FF 0	EPA RI REVIEW & APPROVE	13OCT93	7FEB94
..1206A25620*	21	21	0	P FS 0	RESPOND TO EPA COMMENTS	10DEC93	7JAN94
..1206A25710*	12	12	0	S FS 0	INCORPORATE FINAL EPA COMMENTS	8FEB94	23FEB94
1206A25710	12	12	0	12	INCORPORATE FINAL EPA COMMENTS	8FEB94	23FEB94
..1206A25625*	21	21	0	P FS 0	EPA REVIEW AND APPROVE	10JAN94	7FEB94
..1206A02700*	20	20	0	S SS 0	PRINT AND DISTRIBUTE FINAL RI REPORT	8FEB94	7MAR94
..1206A25715*	3	3	0	S FS 0	INTERNAL REVIEW	24FEB94	28FEB94
1206A25715	3	3	0	12	INTERNAL REVIEW	24FEB94	28FEB94
..1206A25710*	12	12	0	P FS 0	INCORPORATE FINAL EPA COMMENTS	8FEB94	23FEB94
..1206A25720*	5	5	0	S FS 0	PRINT AND DISTRIBUTE FINAL REPORT	1MAR94	7MAR94
1206A25720	5	5	0	12	PRINT AND DISTRIBUTE FINAL REPORT	1MAR94	7MAR94
..1206A02700*	20	20	0	P FF 0	PRINT AND DISTRIBUTE FINAL RI REPORT	8FEB94	7MAR94
..1206A25715*	3	3	0	P FS 0	INTERNAL REVIEW	24FEB94	28FEB94
..1315A41605	1	1	0	S FF 0	SUBMIT EPA DRAFT FS/PP	7MAR94	7MAR94
INITIAL SCREENING OF ALTERNATIVES							
1312A09100	0	0	100	13	EPA APPROVAL - OU1 ISA REPORT		4JAN91A
..1315A30101	40	40	0	S FS 0	REVISE ALTERNATIVES	12APR93	4JUN93

ACTIVITY ID	ORIG DUR	REM DUR	%	CODE	ACTIVITY DESCRIPTION	LATE START	LATE FINISH
DETAILED ANALYSIS/COMP ANALYSIS							
1315A30101	40	40	0	13	REVISE ALTERNATIVES	12APR93	4JUN93
..0438A04929	1	1	0 P FS	0	DELIVER REVISED EWMF RI/FS SITING REPORT	9APR93	9APR93
..1205A31180*	15	15	0 P FS	0	PRELIMINARY/ADVANCED REPORT PREPARATION	22MAR93	9APR93
..1206A25104	21	21	0 P FS	0	INTEGRATE RI AND RA REPORTS	12MAR93	9APR93
..1312A09100	0	0	100 P FS	0	EPA APPROVAL - OU1 ISA REPORT		4JAN91A
..1315A02100*	151	151	0 S SS	0	FEASIBILITY STUDY/PROPOSED PLN REPORT PREPARATN	12APR93	8NOV93
..1315A30103*	30	30	0 S SS	0	PERFORM F/T MODELING	12APR93	21MAY93
..1315A30115*	10	10	0 S FS	0	REVISE ALT DESCRIPTION	21JUN93	2JUL93
..1315A30123*	35	35	0 S FS	0	REVISE ALT COST ESTIMATE	7JUN93	23JUL93
..1316A82101*	15	15	0 S SS	0	INTEGRATE FINAL OU1 RA DATA	24MAY93	11JUN93
1315A30103	30	30	0	13	PERFORM F/T MODELING	12APR93	21MAY93
..1205A31180*	15	15	0 P FS	0	PRELIMINARY/ADVANCED REPORT PREPARATION	22MAR93	9APR93
..1315A30101*	40	40	0 P SS	0	REVISE ALTERNATIVES	12APR93	4JUN93
..1315A30105*	30	30	0 S FS	0	EVAL EXP/RISK/TOXICITY	24MAY93	2JUL93
1315A30105	30	30	0	13	EVAL EXP/RISK/TOXICITY	24MAY93	2JUL93
..1315A30103*	30	30	0 P FS	0	PERFORM F/T MODELING	12APR93	21MAY93
..1315A30108*	15	15	0 S SS	0	EVAL EXPOSURE DURING REM.	14JUN93	2JUL93
..1315A30111*	20	20	0 S FS	0	PREPARE FS-RA APPENDIX	19JUL93	13AUG93
..1315A30118*	15	15	0 S FS	0	EVAL ALT EFFECTIVENESS	5JUL93	23JUL93
..1315A30125*	30	30	0 S FF	0	NEPA ANALYSIS	24MAY93	2JUL93
1315A30108	15	15	0	13	EVAL EXPOSURE DURING REM.	14JUN93	2JUL93
..1315A30105*	30	30	0 P SS	0	EVAL EXP/RISK/TOXICITY	24MAY93	2JUL93
..1315A30118	15	15	0 S FS	0	EVAL ALT EFFECTIVENESS	5JUL93	23JUL93
1315A30111	20	20	0	13	PREPARE FS-RA APPENDIX	19JUL93	13AUG93
..1315A30105*	30	30	0 P FS	0	EVAL EXP/RISK/TOXICITY	24MAY93	2JUL93
..1315A30113*	10	10	0 S FS	0	INTERNAL REVIEW OF FS-RA	16AUG93	27AUG93
1315A30113	10	10	0	13	INTERNAL REVIEW OF FS-RA	16AUG93	27AUG93
.1315A30111*	20	20	0 P FS	0	PREPARE FS-RA APPENDIX	19JUL93	13AUG93
.1315A40125	31	31	0 S FS	0	PREPARE INTERNAL DRAFT	30AUG93	11OCT93
1315A30114	5	5	0	13	EVALUATE ETPSF IMPACTS	19JUL93	23JUL93
.1315A30115*	10	10	0 P SS	0	REVISE ALT DESCRIPTION	21JUN93	2JUL93
.1315A30128	25	25	0 S FS	0	COMPARATIVE ANALYSIS	26JUL93	27AUG93
1315A30115	10	10	0	13	REVISE ALT DESCRIPTION	21JUN93	2JUL93
.1315A30101*	40	40	0 P FS	0	REVISE ALTERNATIVES	12APR93	4JUN93
.1315A30114*	5	5	0 S SS	0	EVALUATE ETPSF IMPACTS	19JUL93	23JUL93
.1315A30118	15	15	0 S FS	0	EVAL ALT EFFECTIVENESS	5JUL93	23JUL93

ACTIVITY ID	ORIG DUR	REM DUR	%	CODE	ACTIVITY DESCRIPTION	LATE START	LATE FINISH
DETAILED ANALYSIS/COMP ANALYSIS							
1315A30118	15	15	0	13	EVAL ALT EFFECTIVENESS	5JUL93	23JUL93
..1315A30105*	30	30	0	P FS 0	EVAL EXP/RISK/TOXICITY	24MAY93	2JUL93
..1315A30108	15	15	0	P FS 0	EVAL EXPOSURE DURING REM.	14JUN93	2JUL93
..1315A30115	10	10	0	P FS 0	REVISE ALT DESCRIPTION	21JUN93	2JUL93
..1315A30125*	30	30	0	P FS 0	NEPA ANALYSIS	24MAY93	2JUL93
..1315A30121*	15	15	0	S SS 0	EVAL ALT IMPLEMENTABILITY	5JUL93	23JUL93
..1315A30128*	25	25	0	S FS 0	COMPARATIVE ANALYSIS	26JUL93	27AUG93
1315A30121	15	15	0	13	EVAL ALT IMPLEMENTABILITY	5JUL93	23JUL93
..1315A30118*	15	15	0	P SS 0	EVAL ALT EFFECTIVENESS	5JUL93	23JUL93
..1315A30128*	25	25	0	S FS 0	COMPARATIVE ANALYSIS	26JUL93	27AUG93
1315A30123	35	35	0	13	REVISE ALT COST ESTIMATE	7JUN93	23JUL93
..1315A30101*	40	40	0	P FS 0	REVISE ALTERNATIVES	12APR93	4JUN93
..1315A30128*	25	25	0	S FS 0	COMPARATIVE ANALYSIS	26JUL93	27AUG93
1315A30125	30	30	0	13	NEPA ANALYSIS	24MAY93	2JUL93
..1315A30105*	30	30	0	P FF 0	EVAL EXP/RISK/TOXICITY	24MAY93	2JUL93
..1315A30118*	15	15	0	S FS 0	EVAL ALT EFFECTIVENESS	5JUL93	23JUL93
..1315A30127*	5	5	0	S FS 0	DOE/HQ EA-EIS KEY DECISION POINT	19JUL93	23JUL93
1315A30127	5	5	0	13	DOE/HQ EA-EIS KEY DECISION POINT	19JUL93	23JUL93
..1315A30125*	30	30	0	P FS 0	NEPA ANALYSIS	24MAY93	2JUL93
..1315A30128	25	25	0	S FS 0	COMPARATIVE ANALYSIS	26JUL93	27AUG93
1315A30128	25	25	0	13	COMPARATIVE ANALYSIS	26JUL93	27AUG93
..1315A30114	5	5	0	P FS 0	EVALUATE ETPSF IMPACTS	19JUL93	23JUL93
..1315A30118*	15	15	0	P FS 0	EVAL ALT EFFECTIVENESS	5JUL93	23JUL93
..1315A30121*	15	15	0	P FS 0	EVAL ALT IMPLEMENTABILITY	5JUL93	23JUL93
..1315A30123*	35	35	0	P FS 0	REVISE ALT COST ESTIMATE	7JUN93	23JUL93
..1315A30127	5	5	0	P FS 0	DOE/HQ EA-EIS KEY DECISION POINT	19JUL93	23JUL93
..1316A82111	10	10	0	P FS 0	UPDATE CUMULATIVE FS RA APPENDIX	12JUL93	23JUL93
..1315A30131*	15	15	0	S FS 0	PREPARE DAA CHAPTER	30AUG93	17SEP93
1315A30131	15	15	0	13	PREPARE DAA CHAPTER	30AUG93	17SEP93
..1315A30128*	25	25	0	P FS 0	COMPARATIVE ANALYSIS	26JUL93	27AUG93
..1315A40125*	31	31	0	S SS 0	PREPARE INTERNAL DRAFT	30AUG93	11OCT93
..1315A40128*	15	15	0	S SS 0	PREPARE NEPA ANALYSIS CHAPTER	28SEP93	18OCT93
FEASIBILITY STUDY							
1315A40125	31	31	0	13	PREPARE INTERNAL DRAFT	30AUG93	11OCT93
..1315A30113	10	10	0	P FS 0	INTERNAL REVIEW OF FS-RA	16AUG93	27AUG93
..1315A30131*	15	15	0	P SS 0	PREPARE DAA CHAPTER	30AUG93	17SEP93
..1315A40126*	10	10	0	S SS 0	PREPARE QA APPENDIX	5OCT93	18OCT93

ACTIVITY ID	ORIG DUR	REM DUR	%	CODE	ACTIVITY DESCRIPTION	LATE START	LATE FINISH
..1315A40130*	5	5	0	S FS 0	INTERNAL REVIEW	19OCT93	25OCT93
..1315A41201*	31	31	0	S FF 0	PREPARE INTERNAL DRAFT PROPOSED PLAN	30AUG93	11OCT93
1315A40126	10	10	0	13	PREPARE QA APPENDIX	5OCT93	18OCT93
..1315A40125*	31	31	0	P SS 0	PREPARE INTERNAL DRAFT	30AUG93	11OCT93
..1315A40130	5	5	0	S FS 0	INTERNAL REVIEW	19OCT93	25OCT93
1315A40128	15	15	0	13	PREPARE NEPA ANALYSIS CHAPTER	28SEP93	18OCT93
..1315A30131*	15	15	0	P SS 0	PREPARE DAA CHAPTER	30AUG93	17SEP93
..1315A40130	5	5	0	S FS 0	INTERNAL REVIEW	19OCT93	25OCT93
1315A40130	5	5	0	13	INTERNAL REVIEW	19OCT93	25OCT93
..1205A31185	21	21	0	P FF 0	DOE/WMCO REVIEW AND COMMENT	27SEP93	25OCT93
..1315A40125*	31	31	0	P FS 0	PREPARE INTERNAL DRAFT	30AUG93	11OCT93
..1315A40126	10	10	0	P FS 0	PREPARE QA APPENDIX	5OCT93	18OCT93
..1315A40128	15	15	0	P FS 0	PREPARE NEPA ANALYSIS CHAPTER	28SEP93	18OCT93
..1315A40131*	10	10	0	S FS 0	INCORPORATE INTERNAL REVIEW COMMENTS	26OCT93	8NOV93
1315A40131	10	10	0	13	INCORPORATE INTERNAL REVIEW COMMENTS	26OCT93	8NOV93
..1315A02100	151	151	0	P FF 0	FEASIBILITY STUDY/PROPOSED PLN REPORT PREPARATN	12APR93	8NOV93
..1315A40130*	5	5	0	P FS 0	INTERNAL REVIEW	19OCT93	25OCT93
..1315A41501	1	1	0	S FS 0	SUBMIT FS/PP DRAFT TO DOE	9NOV93	9NOV93
PROPOSED PLAN							
1315A41201	31	31	0	13	PREPARE INTERNAL DRAFT PROPOSED PLAN	30AUG93	11OCT93
..1315A40125*	31	31	0	P FF 0	PREPARE INTERNAL DRAFT	30AUG93	11OCT93
..1315A41202*	10	10	0	S FS 0	COMMUNITY RELATIONS REVIEW & COMMENT	12OCT93	25OCT93
1315A41202	10	10	0	13	COMMUNITY RELATIONS REVIEW & COMMENT	12OCT93	25OCT93
..1315A41201*	31	31	0	P FS 0	PREPARE INTERNAL DRAFT PROPOSED PLAN	30AUG93	11OCT93
..1315A41203*	5	5	0	S SS 0	INTERNAL REVIEW	12OCT93	18OCT93
1315A41203	5	5	0	13	INTERNAL REVIEW	12OCT93	18OCT93
.1315A41202*	10	10	0	P SS 0	COMMUNITY RELATIONS REVIEW & COMMENT	12OCT93	25OCT93
.1315A41208*	15	15	0	S FS 0	INCORPORATE FS/PP INTERNAL REV. COMMENTS	19OCT93	8NOV93
1315A41208	15	15	0	13	INCORPORATE FS/PP INTERNAL REV. COMMENTS	19OCT93	8NOV93
.1315A02100*	151	151	0	P FF 0	FEASIBILITY STUDY/PROPOSED PLN REPORT PREPARATN	12APR93	8NOV93
.1315A41203*	5	5	0	P FS 0	INTERNAL REVIEW	12OCT93	18OCT93
.1315A41501*	1	1	0	S FS 0	SUBMIT FS/PP DRAFT TO DOE	9NOV93	9NOV93
1315A41501	1	1	0	13	SUBMIT FS/PP DRAFT TO DOE	9NOV93	9NOV93
.1315A40131	10	10	0	P FS 0	INCORPORATE INTERNAL REVIEW COMMENTS	26OCT93	8NOV93
.1315A41208*	15	15	0	P FS 0	INCORPORATE FS/PP INTERNAL REV. COMMENTS	19OCT93	8NOV93
.1315A02500*	84	84	0	S SS 0	DOE FS/PP REVIEW/REVISE/APPROVE	9NOV93	4MAR94

ACTIVITY ID	ORIG DUR	REM DUR	%	CODE	ACTIVITY DESCRIPTION	LATE START	LATE FINISH
..1315A41504*	21	21	0	S FS 0	DOE/WMCO REVIEW & COMMENT	10NOV93	8DEC93
..1319A50060*	42	42	0	S FS 0	PREPARE DECISION SUMMARY	4JUL94	30AUG94
1315A41504	21	21	0	13	DOE/WMCO REVIEW & COMMENT	10NOV93	8DEC93
..1315A41501*	1	1	0	P FS 0	SUBMIT FS/PP DRAFT TO DOE	9NOV93	9NOV93
..1315A41516*	15	15	0	S FS 0	INCORP DOE/WMCO COMMENTS	9DEC93	29DEC93
1315A41516	15	15	0	13	INCORP DOE/WMCO COMMENTS	9DEC93	29DEC93
..1315A41504*	21	21	0	P FS 0	DOE/WMCO REVIEW & COMMENT	10NOV93	8DEC93
..1315A41518*	5	5	0	S FS 0	INTERNAL REVIEW	30DEC93	5JAN94
1315A41518	5	5	0	13	INTERNAL REVIEW	30DEC93	5JAN94
..1315A41516*	15	15	0	P FS 0	INCORP DOE/WMCO COMMENTS	9DEC93	29DEC93
..1315A41532*	21	21	0	S FS 0	EM-1 REVIEW & APPROVE	6JAN94	3FEB94
1315A41532	21	21	0	13	EM-1 REVIEW & APPROVE	6JAN94	3FEB94
..1315A41518*	5	5	0	P FS 0	INTERNAL REVIEW	30DEC93	5JAN94
..1315A41535*	21	21	0	S FS 0	COMMENT RESPONSE PERIOD	4FEB94	4MAR94
1315A41535	21	21	0	13	COMMENT RESPONSE PERIOD	4FEB94	4MAR94
..1315A02500*	84	84	0	P FF 0	DOE FS/PP REVIEW/REVISE/APPROVE	9NOV93	4MAR94
..1315A41532*	21	21	0	P FS 0	EM-1 REVIEW & APPROVE	6JAN94	3FEB94
..1315A41605*	1	1	0	S FS 0	SUBMIT EPA DRAFT FS/PP	7MAR94	7MAR94
1315A41605	1	1	0	13	SUBMIT EPA DRAFT FS/PP	7MAR94	7MAR94
..1206A25720	5	5	0	P FF 0	PRINT AND DISTRIBUTE FINAL REPORT	1MAR94	7MAR94
..1315A41535*	21	21	0	P FS 0	COMMENT RESPONSE PERIOD	4FEB94	4MAR94
..1315A02600*	86	86	0	S SS 0	EPA FS/PP REVIEW/REVISE/APPROVE	7MAR94	4JUL94
..1315A41606*	42	42	0	S FS 0	EPA REVIEW & COMMENT	8MAR94	4MAY94
1315A41606	42	42	0	13	EPA REVIEW & COMMENT	8MAR94	4MAY94
..1315A41605*	1	1	0	P FS 0	SUBMIT EPA DRAFT FS/PP	7MAR94	7MAR94
..1315A41607*	15	15	0	S FS 0	INCORPORATE EPA COMMENTS	5MAY94	25MAY94
..1317A42101*	15	15	0	S SS 0	DRAFT NOTICE OF AVAILABILITY (NOA)	29MAR94	18APR94
1315A41607	15	15	0	13	INCORPORATE EPA COMMENTS	5MAY94	25MAY94
..1315A41606*	42	42	0	P FS 0	EPA REVIEW & COMMENT	8MAR94	4MAY94
..1315A41608*	5	5	0	S FS 0	INTERNAL REVIEW	26MAY94	1JUN94
1315A41608	5	5	0	13	INTERNAL REVIEW	26MAY94	1JUN94
..1315A41607*	15	15	0	P FS 0	INCORPORATE EPA COMMENTS	5MAY94	25MAY94
..1315A41609*	1	1	0	S FS 0	SUBMIT DRAFT FINAL REPORT TO DOE	2JUN94	2JUN94
1315A41609	1	1	0	13	SUBMIT DRAFT FINAL REPORT TO DOE	2JUN94	2JUN94
..1315A41608*	5	5	0	P FS 0	INTERNAL REVIEW	26MAY94	1JUN94

ACTIVITY ID	ORIG DUR	REM DUR	%	CODE	ACTIVITY DESCRIPTION	LATE START	LATE FINISH
..1315A41615*	1	1	0	S FS 0	SUBMIT DRAFT FINAL REPORT TO EPA	3JUN94	3JUN94
1315A41615	1	1	0	13	SUBMIT DRAFT FINAL REPORT TO EPA	3JUN94	3JUN94
..1315A41609*	1	1	0	P FS 0	SUBMIT DRAFT FINAL REPORT TO DOE	2JUN94	2JUN94
..1315A41620*	21	21	0	S FS 0	EPA REVIEW & APPROVE	6JUN94	4JUL94
1315A41620	21	21	0	13	EPA REVIEW & APPROVE	6JUN94	4JUL94
..1315A02600*	86	86	0	P FF 0	EPA FS/PP REVIEW/REVISE/APPROVE	7MAR94	4JUL94
..1315A41615*	1	1	0	P FS 0	SUBMIT DRAFT FINAL REPORT TO EPA	3JUN94	3JUN94
..1315A41710*	12	12	0	S FS 0	INCORP EPA COMMENTS AND TREATABILITY MODS	5JUL94	20JUL94
1315A41710	12	12	0	13	INCORP EPA COMMENTS AND TREATABILITY MODS	5JUL94	20JUL94
..1315A41620*	21	21	0	P FS 0	EPA REVIEW & APPROVE	6JUN94	4JUL94
..1315A02700*	20	20	0	S SS 0	PRINT AND DISTRIBUTE FINAL FS/PP REPORT	5JUL94	1AUG94
..1315A41720*	3	3	0	S FS 0	INTERNAL REVIEW OF FINAL FS/PP	21JUL94	25JUL94
1315A41720	3	3	0	13	INTERNAL REVIEW OF FINAL FS/PP	21JUL94	25JUL94
..1315A41710*	12	12	0	P FS 0	INCORP EPA COMMENTS AND TREATABILITY MODS	5JUL94	20JUL94
..1315A41730*	5	5	0	S FS 0	PRINT & DISTR. FINAL FS/PP	26JUL94	1AUG94
1315A41730	5	5	0	13	PRINT & DISTR. FINAL FS/PP	26JUL94	1AUG94
..1315A02700*	20	20	0	P FF 0	PRINT AND DISTRIBUTE FINAL FS/PP REPORT	5JUL94	1AUG94
..1315A41720*	3	3	0	P FS 0	INTERNAL REVIEW OF FINAL FS/PP	21JUL94	25JUL94
..1318A40020*	15	15	0	S FS 0	ISSUE NOTICE TO PUBLIC	2AUG94	22AUG94
FS RISK ASSESSMENT							
1316A82101	15	15	0	13	INTEGRATE FINAL OU1 RA DATA	24MAY93	11JUN93
..1315A30101*	40	40	0	P SS 0	REVISE ALTERNATIVES	12APR93	4JUN93
..1316A82100*	45	45	0	S SS 0	PREPARE OU1 UPDATE CUMULATIVE FSRA	24MAY93	23JUL93
..1316A82103*	5	5	0	S FS 0	UPDATE SITEWIDE RME	14JUN93	18JUN93
1316A82103	5	5	0	13	UPDATE SITEWIDE RME	14JUN93	18JUN93
..1316A82101*	15	15	0	P FS 0	INTEGRATE FINAL OU1 RA DATA	24MAY93	11JUN93
..1316A82105*	10	10	0	S FS 0	UPDATE EVAL OF CHEMICALS OF CONCERN	21JUN93	2JUL93
1316A82105	10	10	0	13	UPDATE EVAL OF CHEMICALS OF CONCERN	21JUN93	2JUL93
..1316A82103*	5	5	0	P FS 0	UPDATE SITEWIDE RME	14JUN93	18JUN93
..1316A82108*	5	5	0	S FS 0	UPDATE EVALUATION OF RISKS	5JUL93	9JUL93
1316A82108	5	5	0	13	UPDATE EVALUATION OF RISKS	5JUL93	9JUL93
..1316A82105*	10	10	0	P FS 0	UPDATE EVAL OF CHEMICALS OF CONCERN	21JUN93	2JUL93
..1316A82111*	10	10	0	S FS 0	UPDATE CUMULATIVE FS RA APPENDIX	12JUL93	23JUL93
1316A82111	10	10	0	13	UPDATE CUMULATIVE FS RA APPENDIX	12JUL93	23JUL93
..1316A82100*	45	45	0	P FF 0	PREPARE OU1 UPDATE CUMULATIVE FSRA	24MAY93	23JUL93

ACTIVITY ID	ORIG DUR	REM DUR	%	CODE	ACTIVITY DESCRIPTION	LATE START	LATE FINISH
..1316A82108*	5	5	0	P FS 0	UPDATE EVALUATION OF RISKS	5JUL93	9JUL93
..1315A30128	25	25	0	S FS 0	COMPARATIVE ANALYSIS	26JUL93	27AUG93
DRAFT NOTICE OF AVAILABILITY							
1317A42101	15	15	0	13	DRAFT NOTICE OF AVAILABILITY (NOA)	29MAR94	18APR94
..1315A41606*	42	42	0	P SS 0	EPA REVIEW & COMMENT	8MAR94	4MAY94
..1317A42103*	30	30	0	S FS 0	DOE/HQ REVIEW AND COMMENT ON NOA	19APR94	30MAY94
1317A42103	30	30	0	13	DOE/HQ REVIEW AND COMMENT ON NOA	19APR94	30MAY94
..1317A42101*	15	15	0	P FS 0	DRAFT NOTICE OF AVAILABILITY (NOA)	29MAR94	18APR94
..1317A42105*	15	15	0	S FS 0	INCORPORATE DOE NOA COMMENTS	31MAY94	20JUN94
1317A42105	15	15	0	13	INCORPORATE DOE NOA COMMENTS	31MAY94	20JUN94
..1317A42103*	30	30	0	P FS 0	DOE/HQ REVIEW AND COMMENT ON NOA	19APR94	30MAY94
..1317A42107*	30	30	0	S FS 0	PRINT AND REPRODUCE NOA	21JUN94	1AUG94
1317A42107	30	30	0	13	PRINT AND REPRODUCE NOA	21JUN94	1AUG94
..1317A42105*	15	15	0	P FS 0	INCORPORATE DOE NOA COMMENTS	31MAY94	20JUN94
..1317A42109*	15	15	0	S FS 0	PUBLISH NOA	2AUG94	22AUG94
1317A42109	15	15	0	13	PUBLISH NOA	2AUG94	22AUG94
..1317A42107*	30	30	0	P FS 0	PRINT AND REPRODUCE NOA	21JUN94	1AUG94
..1318A40030	32	32	0	S FS 0	CERCLA/NEPA PUBLIC COMMENT PERIOD	23AUG94	5OCT94
FEASIBILITY STUDY							
1318A40020	15	15	0	13	ISSUE NOTICE TO PUBLIC	2AUG94	22AUG94
..1315A41730*	5	5	0	P FS 0	PRINT & DISTR. FINAL FS/PP	26JUL94	1AUG94
..1318A02100*	68	68	0	S SS 0	PUBLIC COMMENT	2AUG94	3NOV94
..1318A40025*	32	32	0	S SS 0	EPA NEPA COORDINATOR EIS REVIEW	23AUG94	5OCT94
..1318A40030*	32	32	0	S FS 0	CERCLA/NEPA PUBLIC COMMENT PERIOD	23AUG94	5OCT94
1318A40025	32	32	0	13	EPA NEPA COORDINATOR EIS REVIEW	23AUG94	5OCT94
..1318A40020*	15	15	0	P SS 0	ISSUE NOTICE TO PUBLIC	2AUG94	22AUG94
..1318A40100	21	21	0	S FS 0	EVAL & RESPOND TO PUBLIC COMMENTS	6OCT94	3NOV94
1318A40030	32	32	0	13	CERCLA/NEPA PUBLIC COMMENT PERIOD	23AUG94	5OCT94
..1317A42109	15	15	0	P FS 0	PUBLISH NOA	2AUG94	22AUG94
..1318A40020*	15	15	0	P FS 0	ISSUE NOTICE TO PUBLIC	2AUG94	22AUG94
..1318A40100*	21	21	0	S FS 0	EVAL & RESPOND TO PUBLIC COMMENTS	6OCT94	3NOV94
1318A40100	21	21	0	13	EVAL & RESPOND TO PUBLIC COMMENTS	6OCT94	3NOV94
..1318A02100*	68	68	0	P FF 0	PUBLIC COMMENT	2AUG94	3NOV94
..1318A40025	32	32	0	P FS 0	EPA NEPA COORDINATOR EIS REVIEW	23AUG94	5OCT94
..1318A40030*	32	32	0	P FS 0	CERCLA/NEPA PUBLIC COMMENT PERIOD	23AUG94	5OCT94
..1319A50070*	0	0	0	S FS 0	INCORP RESPONSIVENESS SUMMARY		3NOV94

ACTIVITY ID	ORIG DUR	REM DUR	%	CODE	ACTIVITY DESCRIPTION	LATE START	LATE FINISH
..1319A50550	20	20	0	S SS 0	INCORP DOE/WMCO COMMENTS OU1 DRAFT ROD	7OCT94	3NOV94
DRAFT ROD							
1319A50060	42	42	0	13	PREPARE DECISION SUMMARY	4JUL94	30AUG94
..1315A41501*	1	1	0	P FS 0	SUBMIT FS/PP DRAFT TO DOE	9NOV93	9NOV93
..1319A02100*	48	48	0	S SS 0	DRAFT ROD PREPARATION	4JUL94	7SEP94
..1319A50071*	21	21	0	S SS 0	PREPARE DECLARATION SUMMARY	2AUG94	30AUG94
..1319A50100*	5	5	0	S FS 0	INTERNAL REVIEW	31AUG94	6SEP94
1319A50070	0	0	0	13	INCORP RESPONSIVENESS SUMMARY		3NOV94
..1318A40100*	21	21	0	P FS 0	EVAL & RESPOND TO PUBLIC COMMENTS	6OCT94	3NOV94
..1319A50550*	20	20	0	S FF 0	INCORP DOE/WMCO COMMENTS OU1 DRAFT ROD	7OCT94	3NOV94
1319A50071	21	21	0	13	PREPARE DECLARATION SUMMARY	2AUG94	30AUG94
..1319A50060*	42	42	0	P SS 0	PREPARE DECISION SUMMARY	4JUL94	30AUG94
..1319A50100	5	5	0	S FS 0	INTERNAL REVIEW	31AUG94	6SEP94
1319A50100	5	5	0	13	INTERNAL REVIEW	31AUG94	6SEP94
..1319A50060*	42	42	0	P FS 0	PREPARE DECISION SUMMARY	4JUL94	30AUG94
..1319A50071	21	21	0	P FS 0	PREPARE DECLARATION SUMMARY	2AUG94	30AUG94
..1319A50501*	1	1	0	S FS 0	SUBMIT DRAFT TO DOE/WMCO	7SEP94	7SEP94
1319A50501	1	1	0	13	SUBMIT DRAFT TO DOE/WMCO	7SEP94	7SEP94
..1319A02100*	48	48	0	P FF 0	DRAFT ROD PREPARATION	4JUL94	7SEP94
..1319A50100*	5	5	0	P FS 0	INTERNAL REVIEW	31AUG94	6SEP94
..1319A01010*	0	0	0	S FS 0	DELIVER OU1 DRAFT ROD TO DOE	8SEP94	
..1319A02500*	233	233	0	S SS 0	DOE DRAFT ROD REVIEW/REVISE/APPROVE	7SEP94	6DEC94
..1319A50530*	21	21	0	S FS 0	DOE/WMCO REVIEW & COMMENT	8SEP94	6OCT94
1319A50530	21	21	0	13	DOE/WMCO REVIEW & COMMENT	8SEP94	6OCT94
..1319A01010*	0	0	0	P FS 0	DELIVER OU1 DRAFT ROD TO DOE	8SEP94	
..1319A50501*	1	1	0	P FS 0	SUBMIT DRAFT TO DOE/WMCO	7SEP94	7SEP94
..1319A50550	20	20	0	S FS 0	INCORP DOE/WMCO COMMENTS OU1 DRAFT ROD	7OCT94	3NOV94
1319A50550	20	20	0	13	INCORP DOE/WMCO COMMENTS OU1 DRAFT ROD	7OCT94	3NOV94
..1318A40100	21	21	0	P SS 0	EVAL & RESPOND TO PUBLIC COMMENTS	6OCT94	3NOV94
..1319A50070*	0	0	0	P FF 0	INCORP RESPONSIVENESS SUMMARY		3NOV94
..1319A50530	21	21	0	P FS 0	DOE/WMCO REVIEW & COMMENT	8SEP94	6OCT94
..1319A50560*	1	1	0	S FS 0	SUBMIT REVISED DRAFT TO DOE	4NOV94	4NOV94
1319A50560	1	1	0	13	SUBMIT REVISED DRAFT TO DOE	4NOV94	4NOV94
..1319A50550*	20	20	0	P FS 0	INCORP DOE/WMCO COMMENTS OU1 DRAFT ROD	7OCT94	3NOV94
..1319A50592*	21	21	0	S FS 0	EM-1 REVIEW, REVISE AND APPROVE	7NOV94	5DEC94

ACTIVITY ID	ORIG DUR	REM DUR	%		CODE	ACTIVITY DESCRIPTION	LATE START	LATE FINISH
DRAFT ROD								
1319A50592	21	21	0		13	EM-1 REVIEW, REVISE AND APPROVE	7NOV94	5DEC94
..1319A50560*	1	1	0	P FS	0	SUBMIT REVISED DRAFT TO DOE	4NOV94	4NOV94
..1319A50600*	1	1	0	S FS	0	DOE SUBMIT OU1 EPA DRAFT ROD TO EPA	6DEC94	6DEC94
1319A50600	1	1	0		13	DOE SUBMIT OU1 EPA DRAFT ROD TO EPA	6DEC94	6DEC94
..1205A31205	21	21	0	P FS	0	DOE/WMCO REVIEW AND COMMENT	7NOV94	5DEC94
..1319A02500*	233	233	0	P FF	0	DOE DRAFT ROD REVIEW/REVISE/APPROVE	7SEP94	6DEC94
..1319A50000*	816	816	0	P FF	0	RECORD OF DECISION	12AUG91	6DEC94
..1319A50592*	21	21	0	P FS	0	EM-1 REVIEW, REVISE AND APPROVE	7NOV94	5DEC94
..1319A01070*	0	0	0	S FS	0	DELIVER OU1 DRAFT ROD TO EPA		6DEC94*

Activity Description Library

RI/FS Activity Description Library

Sept.12, 1991

Activity Data:

Activity ID	1203A02000
Activity Title	*OPERABLE UNIT RELATED FIELD ACTIVITIES*
Start	01-Mar-91A
Finish	14-Feb-92

Remaining Duration	135	Revision #	0
Total Float	-1	Revision Date	12-Sep-91

Scope Description:

This is the hammock for completing the sampling of the waste pits as outlined in the FMPC RI/FS Work Plan Addendum dated March 20, 1991. It includes tasks associated with: site access, sampling permits and approval, sample collection, sample shipment, sample analysis, and data validation. The field sampling consists of 13 borings with monitoring wells installed in borings where leachate is encountered. Three locations will be drilled in Waste Pits 1, 3, and 4. Two locations will be drilled in Pit 2 and the Burn Pit. Waste samples from each boring will be collected and analyzed for chemical, radiological and geotechnical parameters. The leachate from the pits will be sampled and analyzed for radiological and chemical constituents. The results of the field program are required to initiate detailed analysis of alternatives and must be analyzed in the RI report. Samples of waste material collected in the field program will be used in treatability testing.

Assumptions:

No additional sampling is required outside of currently proposed program and no resampling due to data validation requirements.

Samples pass rad screening and can be shipped to the laboratory.

Analytical turnaround time of six months.

A 1000-series well in the waste pits will require five days for setup, drilling, casing installation, and decontamination. There are thirteen 1000-series wells in the waste pits.

The waste in the pits will be of a consistency that will allow samples to be collected using conventional split spoon and Shelby tube sampling equipment.

Well development will require two days per well.

Wells will be sampled at the rate of three per day.

RI/FS Activity Description Library

Sept.12, 1991

Activity Data:

Activity ID	**1203W01100**
Activity Title	***START PITS 5 & 6 AND CWELL SAMPLING***
Start	
Finish	

Remaining Duration		Revision #	**0**
Total Float		Revision Date	**12-Sep-91**

Scope Description:

This is the initiation of the sampling activities for the sampling of Pit 5, 6 and the Clearwell. This activity represents a coordinating point in the schedule.

Assumptions:

Notice to proceed is issued for the Pit 5, 6, and Clearwell sampling.

000114

RI/FS Activity Description Library

Sept.12, 1991

Activity Data:

Activity ID	1205A02000		
Activity Title	*TREATABILITY STUDIES*		
Start	30-Apr-91A		
Finish	16-Dec-93		
Remaining Duration	614	Revision #	0
Total Float	51	Revision Date	12-Sep-91

Scope Description:

This is a schedule hammock including project authorization; work plan preparation, review, and approval; receipt of samples; Phase I, II, and III treatability tests and analysis; and preparation of final reports. Treatability testing consists of laboratory experiments used to verify the effectiveness of proposed treatments for reducing the mobility of contaminants. The deliverable is the treatability results report (a secondary document) for use in the detailed analysis of alternatives during the feasibility study.

Assumptions:

Timely approval of work plans.

Thirty-nine samples will be taken from the waste pit borings during the field investigation.

No delays in the field investigation.

Ten days required to complete shipping documentation/protocols and ship waste samples.

Program consists of 3 phases. Phases I and II are assumed sufficient to meet the requirements for detailed analysis of alternatives.

Phase I is preliminary laboratory treatability testing which includes 80 cement stabilization tests with associated analysis for compressive strength, TCLP or modified TCLP, and waste form temperature. Phase I also includes 40 vitrification tests with compressive strength and TCLP or modified TCLP analysis.

Phase II is advanced laboratory treatability testing which includes up to five cement stabilization tests and one or two vitrification tests to define stabilized waste forms. Analysis is identical to Phase I.

Phase III is optional laboratory treatability testing which applies the two most favorable cement and vitrification experiments to strata samples. Thirty-nine strata samples resulting in 117 experiments will be analyzed similarly to Phase I.

Receipt of samples as scheduled and the timely approval of work plans.

Successful completion of field investigations.

A schedule window is available at the laboratory to accomodate the schedule dates. Delays may occur if scheduled lab start is not achieved.

Full use of TCLP and ANSI/ANS 16.1-1986 will only be used in the bench scale study.

A modified TCLP procedure is acceptable to U.S. EPA and will be performed on Phase I and II.

Two 120-page treatability study work plans will be prepared.

Two 150-page treatability study analytical result reports will be prepared.

Pit sampling must be completed prior to initiation of treatability studies.

Phase I and II activities are necessary for completion of the alternative evaluation in the detailed analysis.

RI/FS Activity Description Library

Sept.12, 1991

Activity Data:

Activity ID	1206A01050		
Activity Title	*DELIVER DRAFT OU1 RI TO EPA*		
Start			
Finish	15-Jan-93		
Remaining Duration		Revision #	0
Total Float	192	Revision Date	12-Sep-91

Scope Description:

This is a milestone that denotes delivery of the RI report. A milestone signifies the completion of a significant event and typically denotes the completion of a workscope. This milestone defines the delivery of a completed review draft having already gone through DOE review to the U.S. EPA and OEPA.

Deliverable: Draft OU1 RI Report

Assumptions:

RI/FS Activity Description Library

Sept.12, 1991

Activity Data:

Activity ID	**1206A02100**		
Activity Title	***REMEDIAL INVESTIGATION REPORT PREPARATION***		
Start			
Finish	**24-Feb-92**		
	17-Sep-92		
Remaining Duration	**149**	Revision #	**0**
Total Float	**194**	Revision Date	**12-Sep-91**

Scope Description:

This is a schedule hammock including all activities associated with preparation of the OU1 RI report and Baseline Risk Assessment. An RI report will be prepared following the outline suggested in the U.S. EPA Guidance for Conducting Remedial Investigations and Feasibility Studies Under CERCLA (Directive 9355.3-02) and the Human Health Evaluation Manual (EPA/540/1-89/002). Whenever possible the RI Report will utilize material already prepared in support of the RI report which was underway prior to finalizing the new consent agreement. Major sections include:

Introduction
Study Area Investigation
Physical Characteristics of the Study Area
Nature and Extent of Contamination
Baseline Risk Assessment
Appendices as required

The scope of the OU1 RI includes Waste Pits 1 through 6, Clearwell, Burn Pit, berms, liners, and associated contaminated soil. Specific schedule activities include obtaining validated analysis from field work, revising the site characterization, and preparing the draft RI report for reviews.

Assumptions:

Data provided from the previous characterization studies completed by ASI/IT, in addition to data collected from the additional sampling activities, will be sufficient to completely characterize OU1.

Risk assessment methodology to be used in developing the report is approved by EPA prior to report preparation.

Data validation is complete prior to report preparation.

There are no delays in sample collection or in obtaining data from the laboratory.

Receipt and validation of site characterization analysis.

The RI report must be approved by U.S. EPA prior to initiation of the FS/PP document review cycle.

000118

RI/FS Activity Description Library

2297

Sept.12, 1991

Activity Data:

Activity ID	**1206A02500**		
Activity Title	***DOE RI REVIEW/REVISE/APPROVE***		
Start			
Finish	**18-Sep-92**		
	14-Jan-93		
Remaining Duration	**85**	Revision #	**0**
Total Float	**192**	Revision Date	**12-Sep-91**

Scope Description:

This is a schedule hammock including all activities associated with DOE and DOE contractor review, comment resolution, and revision of the OU1 RI report. The draft document is reviewed by DOE Fernald Site Office. Comments are prepared and submitted to ASI/IT for response and document revison, as appropriate. The document follows this same process through DOE Headquarters and DOE-EM1 review levels. Each cycle requires a response to comments document in addition to a revised draft document. Meetings are held periodically to resolve comments.

Assumptions:

DOE-HQ review will come after DOE-FSO review.

Comments do not require significant changes in technical content and format.

Comments are reviewed and screened by integrating contractor before submittal to ASI/IT.

Comments do not exceed 100 in number for any review cycle.

000119

RI/FS Activity Description Library

Sept.12, 1991

Activity Data:

Activity ID	**1206A02600**		
Activity Title	***EPA RI REVIEW & APPROVE***		
Start	**18-Jan-93**		
Finish	**13-May-93**		
Remaining Duration	**84**	Revision #	**0**
Total Float	**192**	Revision Date	**12-Sep-91**

Scope Description:

This is a schedule hammock including all activities associated with U.S. EPA and OEPA review, comment resolution, report revision, and approval of the OU1 RI report. The draft RI report is submitted to both U.S. EPA and OEPA for review and comment. Comments are prepared and transmitted to ASI/IT for resolution and appropriate revision of the text. A formal response to comments document is prepared, which includes an individual response to each comment. The revised text is again submitted to U.S. EPA and OEPA for final review and approval. Additional comments are transmitted via DOE to ASI/IT for response and text revision before final printing of the RI report. Meetings are held periodically to resolve comments.

Assumptions:

The EPA review/approval process will require at least two iterative reviews to obtain EPA approval of the document.

Review follows standard primary document review cycle, as defined by the consent agreement.

Comments do not require significant changes in technical content and format.

No dispute resolution is required.

000120

RI/FS Activity Description Library

2297

Sept.12, 1991

Activity Data:

Activity ID	1206A02700
Activity Title	*PRINT AND DISTRIBUTE FINAL RI REPORT*
Start	14-May-93
Finish	10-Jun-93

Remaining Duration	20	Revision #	0
Total Float	192	Revision Date	12-Sep-91

Scope Description:

This is a schedule hammock including all activities associated with final assembly, printing, binding, and mailing/delivering the approved RI report. Final comment responses are prepared for U.S. EPA and OEPA comments. The document is revised based upon EPA's comments and is given an internal review by ASI/IT before final printing. Copies are printed, collated, and boxed for shipping. Copies will be delivered to the Administrative Record.

Assumptions:

Print and distribute 65 copies.

U.S. EPA approval of the draft final RI report is required prior to initiation of this activity.

000121

RI/FS Activity Description Library

Sept.12, 1991

Activity Data:

Activity ID	1315A02100		
Activity Title	*FEASIBILITY STUDY/PROPOSED PLN REPORT PREPARATN*		
Start	24-Feb-93		
Finish	22-Sep-93		
Remaining Duration	151	Revision #	0
Total Float	33	Revision Date	12-Sep-91

Scope Description:

This hammock includes all activities necessary to prepare the Detailed Analysis of Alternatives, the Feasibility Study, and the Proposed Plan, as defined in OSWER Directives 9355.3-01 and 9355.3-02. This activity will begin by revising the present alternative conceptual designs to incorporate the additional information obtained from the treatabiltiy studies and sampling activities conducted on OU1. The FS cumulative risk assessment will be revised based on the selected alternative. This assessment will be included as a separate index. This activity will end by incorporating internal review comments into the draft Feasibility Study (which includes the revised Detailed Analysis of Alternatives) and Proposed Plan.

Assumptions:

The public comment period on the Proposed Plan cannot begin until the plan is approved by U.S. EPA.

Anticipated U.S. EPA guidance documents on preparing risk assessments for feasibility studies do not materially impact the schedule for preparation of the FS report.

U.S. EPA accepts the final OU1 ISA (January 4, 1991) and no changes are made to the alternative structure (other than perched groundwater being remediated as OU5).

Treatability Studies and ARARs determination are complete before initiation of detailed analysis of alternatives.

The work plan addendum addressing risk assessment methodology will be approved prior to the initiation of risk assessment activities.

000122

RI/FS Activity Description Library

2297

Sept.12, 1991

Activity Data:

Activity ID	1315A02500		
Activity Title	*DOE FS/PP REVIEW/REVISE/APPROVE*		
Start	23-Sep-93		
Finish	18-Jan-94		
Remaining Duration	84	Revision #	0
Total Float	33	Revision Date	12-Sep-91

Scope Description:

This is a schedule hammock including all activities associated with DOE and DOE contractor review, comment resolution and revision of the OU1 Feasibility Study and Proposed Plan report. The draft document is reviewed by DOE-FSO. Comments are prepared and submitted to ASI/IT for response to comments and document revision, as appropriate. The document follows this same process through DOE-HQ and DOE-EM1 review levels. Each cycle requires a response to comments document in addition to a revised draft document. Meetings are held periodically to resolve comments.

Assumptions:

DOE-HQ review will follow DOE-FSO review.

Comments are reviewed and screened by integrating contractor before submittal to ASI/IT.

Comments do not exceed 100 in number for any review cycle.

Comments do not require significant changes in technical content and format.

000123

RI/FS Activity Description Library

Sept.12, 1991

Activity Data:

Activity ID	**1315A02600**		
Activity Title	***EPA FS/PP REVIEW/REVISE/APPROVE***		
Start	**19-Jan-94**		
Finish	**18-May-94**		
Remaining Duration	**86**	Revision #	**0**
Total Float	**33**	Revision Date	**12-Sep-91**

Scope Description:

This is a schedule hammock including all activities associated with U.S. EPA and OEPA review, comment resolution, report revision, and approval for the OU1 Feasibility Study and Proposed Plan report. Comments are prepared and transmitted to ASI/IT for resolution and appropriate revision of the text. A formal response to comments document is also prepared, which includes an individual response to each comment. The revised text is again submitted to U.S. EPA and OEPA for final review and approval. Additional comments are transmitted to DOE for response and text revision before final printing of the FS/PP report. Meetings are held periodically to resolve comments.

Assumptions:

The EPA review/approval process will require at least two iterative reviews to obtain EPA approval of the document.

Review follows standard primary document review cycle as defined by the consent agreement.

Comments do not require significant changes in technical content and format.

No dispute resolution required.

000124

RI/FS Activity Description Library

Sept.12, 1991 2297

Activity Data:

Activity ID	**1315A02700**		
Activity Title	***PRINT AND DISTRIBUTE FINAL FS/PP REPORT***		
Start	**19-May-94**		
Finish	**15-Jun-94**		
Remaining Duration	**20**	Revision #	**0**
Total Float	**33**	Revision Date	**12-Sep-91**

Scope Description:

This is a schedule hammock including all activities associated with final assembly, printing, binding, and mailing/delivering the approved Feasibility Study and Proposed Plan report. Final comment responses are prepared for U.S. EPA and OEPA comments. The document is revised based upon EPA's comments and is given an internal review by ASI/IT before final printing. Copies are printed, collated, and boxed for shipping. Copies will be delivered to the Administrative Record.

Assumptions:

Print and distribute 100 copies.

Requests under NEPA for copies of the FS-EIS will not exceed 35 copies.

U.S. EPA approval of the Proposed Plan is required prior to initiation of the public comment period.

RI/FS Activity Description Library

Sept.12, 1991

Activity Data:

Activity ID	**1318A02100**		
Activity Title	***PUBLIC COMMENT***		
Start	**16-Jun-94**		
Finish	**19-Sep-94**		
Remaining Duration	**68**	Revision #	**0**
Total Float	**33**	Revision Date	**12-Sep-91**

Scope Description:

This is a schedule hammock which includes all activities associated with providing the public with an opportunity to comment on the Proposed Plan, as required and defined by the NCP. A notice will be prepared and printed in a major local newspaper and the Federal Register (a NEPA requirement) to inform the public of the availability of the Proposed Plan for their review and to provide a brief analysis of its contents. This notice will solicit comments and announce a public meeting. Upon receipt of all comments, a responsiveness summary will be prepared that discusses significant comments, criticisms, and new relevant information submitted during the public comment period.

Assumptions:

Public comment period is 45 calendar days to accomodate the requirements of NEPA.

A public meeting is held near the CERCLA site.

Community Relations staff will assist in the preparation of the PP to assure it is written to be understandable by a knowledgeable public.

U.S. EPA approval of the Proposed Plan is required prior to initiation of this activity.

The responsiveness summary will be included in the draft ROD.

000126

RI/FS Activity Description Library

2297

Sept.12, 1991

Activity Data:

Activity ID	1319A01010
Activity Title	*DELIVER OU1 DRAFT ROD TO DOE*
Start	
Finish	01-Dec-93

Remaining Duration		Revision #	0
Total Float	201	Revision Date	12-Sep-91

Scope Description:

This milestone consists of delivering the Draft ROD to DOE and the integrating contractors for review and comment.

Assumptions:

000127

RI/FS Activity Description Library

Sept.12, 1991

Activity Data:

Activity ID	**1319A01070**		
Activity Title	***DELIVER OU1 DRAFT ROD TO EPA***		
Start			
Finish	**20-Oct-94**		
Remaining Duration		Revision #	**0**
Total Float	**33**	Revision Date	**12-Sep-91**

Scope Description:

A milestone signifies the completion of a significant event and typically denotes the completion of a workscope. This milestone consists of delivering the Draft ROD to U.S. EPA and OEPA.

Assumptions:

000128

RI/FS Activity Description Library

Sept.12, 1991 2297

Activity Data:

Activity ID	**1319A02100**		
Activity Title	***DRAFT ROD PREPARATION***		
Start	**24-Sep-93**		
Finish	**30-Nov-93**		
Remaining Duration	**48**	Revision #	**0**
Total Float	**201**	Revision Date	**12-Sep-91**

Scope Description:

This is a schedule hammock including preparation of a draft ROD as defined by OSWER Directive 9355.3-02 for DOE review, approval and submittal to U.S. EPA. The draft ROD includes the following:

Declaration Statement containing description of selected remedy.

Decision Summary providing an overview of the site-specific factors and analysis supporting the selection of alternatives.

Responsiveness summary, addressing comments received during the public comment period, will be issued as part of the ROD.

Assumptions:

Extensive public comments will require response.

No pre-ROD significant changes resulting from public comments.

Regulatory, community relations and legal support are required.

The public comment period must be completed before finalization of the draft ROD.

RI/FS Activity Description Library

Sept.12, 1991

Activity Data:

Activity ID	1319A02500		
Activity Title	*DOE DRAFT ROD REVIEW/REVISE/APPROVE*		
Start			
Finish	30-Nov-93 20-Oct-94		
Remaining Duration	233	Revision #	0
Total Float	201	Revision Date	12-Sep-91

Scope Description:

This is a schedule hammock including all activities associated with DOE review of the draft ROD at three levels: DOE-FSO, DOE-HQ, DOE-EM1. The draft ROD is revised to incorporate DOE comments through three review cycles and associated comment response documents are prepared. Each document revision also includes an internal ASI/IT review before submittal, as well as the printing and distribution of the documents. Meetings are held periodically to resolve comments.

Assumptions:

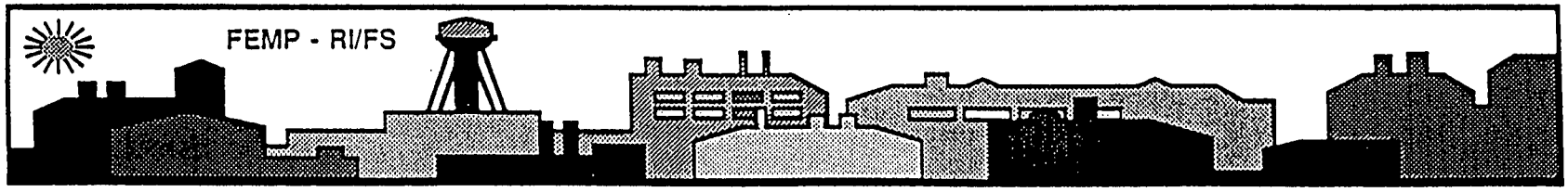
Comments do not significantly alter technical direction of project.

Comments are reviewed and screened by the integrating contractor prior to submittal.

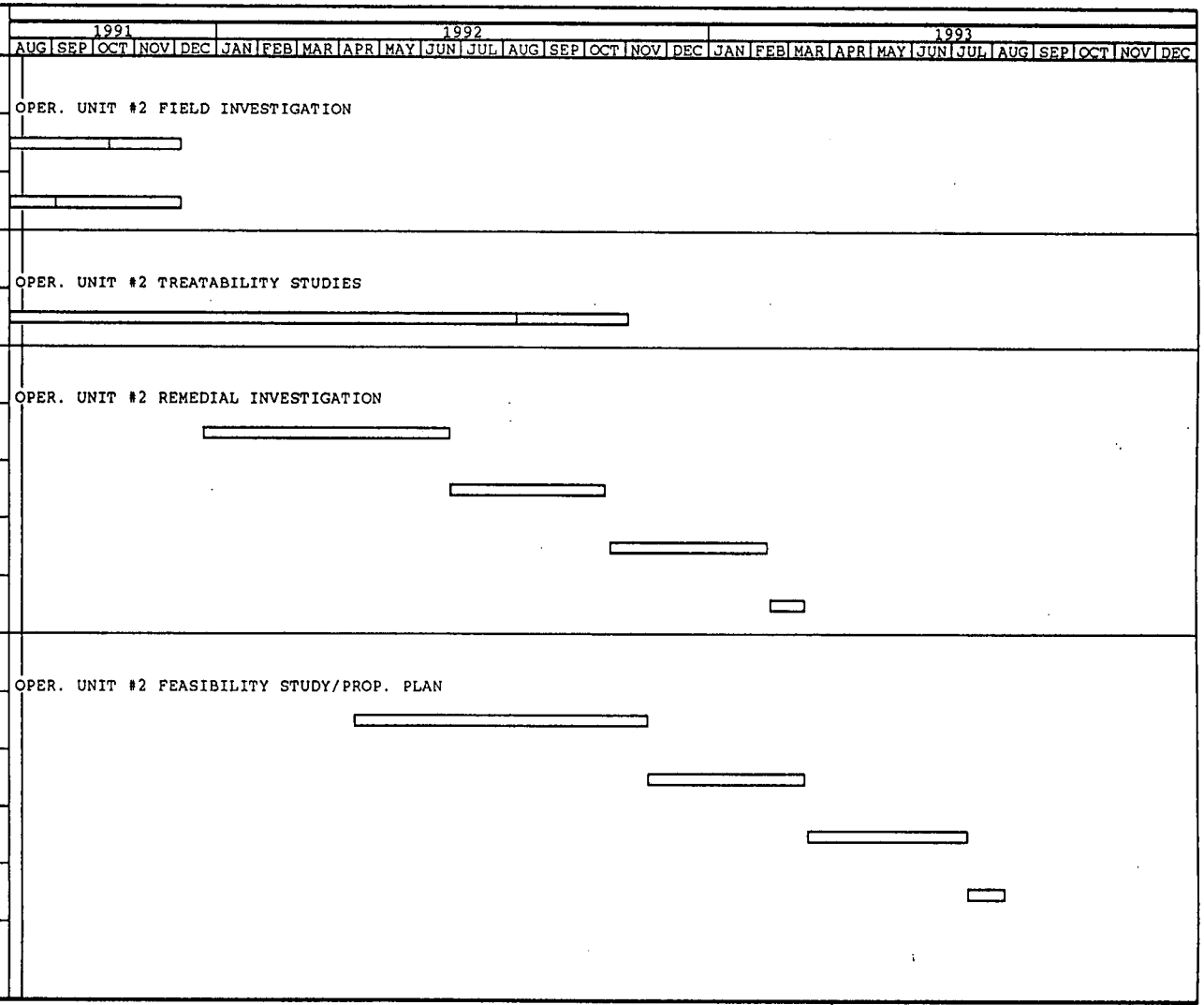
Operable Unit 2

Fly ash piles, other Southfield disposal areas, lime sludge ponds, solid waste landfill, berms, liners, and associated soil identified in the RI/FS Work Plan Addendum

Schedules



OPERABLE UNIT RELATED FIELD ACTIVITIES 2203A02000 OD 199 AS 1MAR91 LF 5DEC91	OPER. UNIT #2 FIELD INVESTIGATION
OPERABLE UNIT RELATED FIELD ACTIVITIES 2203A02001 OD 111 AS 1JUL91 LF 5DEC91	
TREATABILITY STUDIES 2205A02000 OD 116 AS 1APR91 LF 2NOV92	OPER. UNIT #2 TREATABILITY STUDIES
REMEDIAL INVESTIGATION REPORT PREPARATION 2206A02100 OD 100 LS 23DEC91 LF 22JUN92	OPER. UNIT #2 REMEDIAL INVESTIGATION
DOE RI REVIEW/REVISE/APPROVE 2206A02500 OD 84 LS 23JUN92 LF 16OCT92	
EPA RI REVIEW & APPROVE 2206A02600 OD 84 LS 20OCT92 LF 12FEB93	
PRINT AND DISTRIBUTE FINAL RI REPORT 2206A02700 OD 20 LS 15FEB93 LF 12MAR93	
FEASIBILITY STUDY/PROP. PLN. REPORT PREPARATION 2315A02100 OD 157 LS 13APR92 LF 16NOV92	OPER. UNIT #2 FEASIBILITY STUDY/PROP. PLAN
DOE FS/PP REVIEW/REVISE/APPROVE 2315A02500 OD 84 LS 17NOV92 LF 12MAR93	
EPA FS/PP REVIEW/REVISE/APPROVE 2315A02600 OD 86 LS 15MAR93 LF 12JUL93	
PRINT AND DISTRIBUTE FINAL FS/PP REPORT 2315A02700 OD 20 LS 13JUL93 LF 9AUG93	



Activity Bar/Late Dates
Critical Activity
Progress Bar

Primavera Systems, Inc. 1984-1991

RI/FS PROJECT SCHEDULES
FERNALD ENVIRONMENTAL MGMT. PROJECT
OPERABLE UNIT 2 BAR CHART LEVEL III

Project Start : 31OCT90
Project Finish: 4MAY01

Sheet 1 of 2

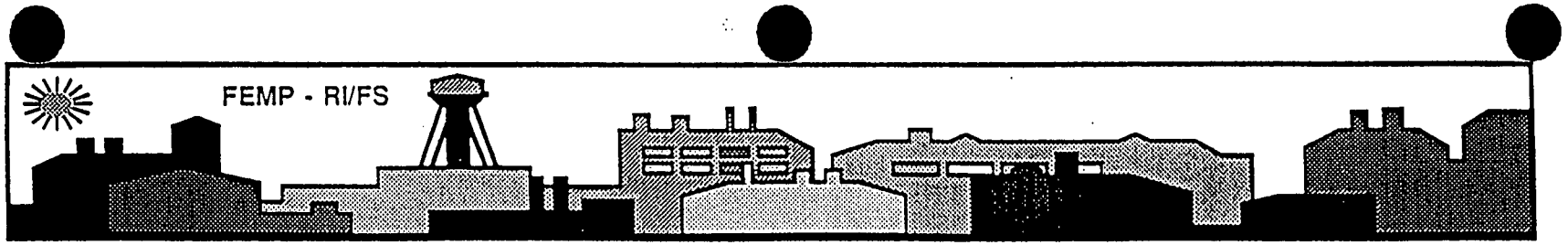
Data Date: 10AUG91
Plot Date: 13SEP91

Prepared by ASI/IT Corp.

Date	Revision	Checked	Approved

0001133

2297



	1991					1992												1993											
	AUG	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
	OPER. UNIT #2 PUBLIC COMMENT PERIOD																												
PUBLIC COMMENT 2318A02100 OD 67 LS 10AUG93 LF 10NOV93																													
	OPER. UNIT #2 DRAFT ROD																												
DELIVER OU2 DRAFT ROD TO EPA 2319A01070 OD 0 LF 10DEC93																													
DRAFT ROD PREPARATION 2319A02100 OD 48 LS 8JUL93 LF 13SEP93																													
DOE DRAFT ROD REVIEW/REVISE/APPROVE 2319A02500 OD 231 LS 13SEP93 LF 10DEC93																													

Activity Bar/Late Dates
Critical Activity
Progress Bar

Primavera Systems, Inc. 1984-1991

Project Start : 31OCT90
Project Finish: 4MAY01

RI/FS PROJECT SCHEDULES
FERNALD ENVIRONMENTAL MGMT. PROJECT
OPERABLE UNIT 2 BAR CHART LEVEL III

Sheet 2 of 2

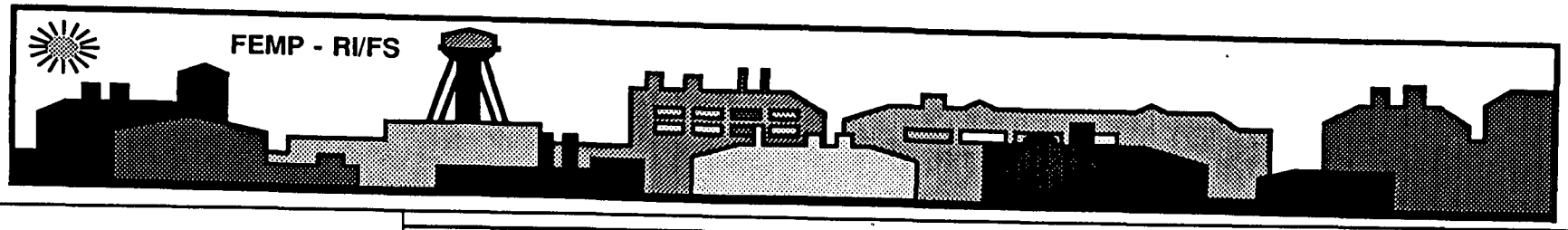
Data Date: 10AUG91
Plot Date: 13SEP91

Prepared by ASI/IT Corp.

Date	Revision	Checked	Approved

000134

2297



AUTHORIZATION TO PROCEED 2203A16001	OD 20		
AS 1MAR91	AF 26MAR91		
DRAFT OU2 SAMPLING H&S PLAN 2203A16210	OD 20		
AS 26MAR91	AF 26APR91		
DOE/WMCO REVIEW H&S PLAN 2203A16212	OD 10		
AS 26APR91	AF 8MAY91		
PREPARE FINAL H&S PLAN 2203A16214	OD 5		
AS 10MAY91	AF 15MAY91		
DOE/WMCO APPROVAL H&S WORK PLAN 2203A16215	OD 0		
	AF 15MAY91		
PENETRATION PERMIT (OU2 SAMPLING) 2203A16330	OD 3		
AS 17MAY91	AF 22MAY91		
ERA PERMIT APPROVAL OU2 SAMPLING 2203A16332	OD 5		
AS 17MAY91	AF 24MAY91		
RADIATION WORK PERMIT (OU2 SAMPLING) 2203A16338	OD 1		
AS 25MAY91	AF 25MAY91		
OU2 SAMPLING SPECIFIC TRAINING 2203A16540	OD 1		
AS 25MAY91	AF 25MAY91		
MOBILIZATION/PROCUREMENT 2203A16542	OD 10		
AS 25MAY91	AF 5JUN91		
19 BORINGS 2203A16544	OD 40		
AS 11JUN91	LF 10AUG91		
SHIPPING/ARCHIVING 2203A16546	OD 2		
LS 11AUG91	LF 12AUG91		
FIELD DATA VALIDATION 2203A16547	OD 5		
LS 8NOV91	LF 14NOV91		
DEMOBILIZATION 2203A16548	OD 5		
LS 11AUG91	LF 15AUG91		
DATA ENTRY 2203A16549	OD 5		
LS 15NOV91	LF 21NOV91		
TASK SPECIFIC WELL DEVELOPMENT TRAINING 2203A16660	OD 1		
AS 30JUL91	AF 30JUL91		

1991: AUG SEP OCT NOV DEC
1992: JAN FEB MAR APR MAY JUN JUL AUG SEP OCT NOV DEC
1993: JAN FEB MAR APR MAY JUN JUL AUG SEP OCT NOV DEC

Activity Bar/Late Dates
Critical Activity
Progress Bar

Primavera Systems, Inc. 1984-1991

RI/FS PROJECT SCHEDULES
FERNALD ENVIRONMENTAL MGMT. PROJECT
OPERABLE UNIT 2 BAR CHART LEVEL IV

Sheet 1 of 10

Project Start : 31OCT90
Project Finish: 4MAY01

Data Date: 10AUG91
Plot Date: 12SEP91

Prepared by ASI/IT Corp.

Date	Revision	Checked	Approved

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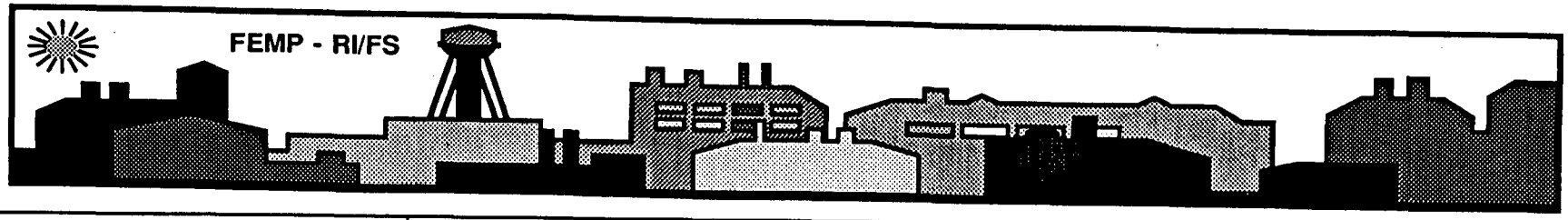
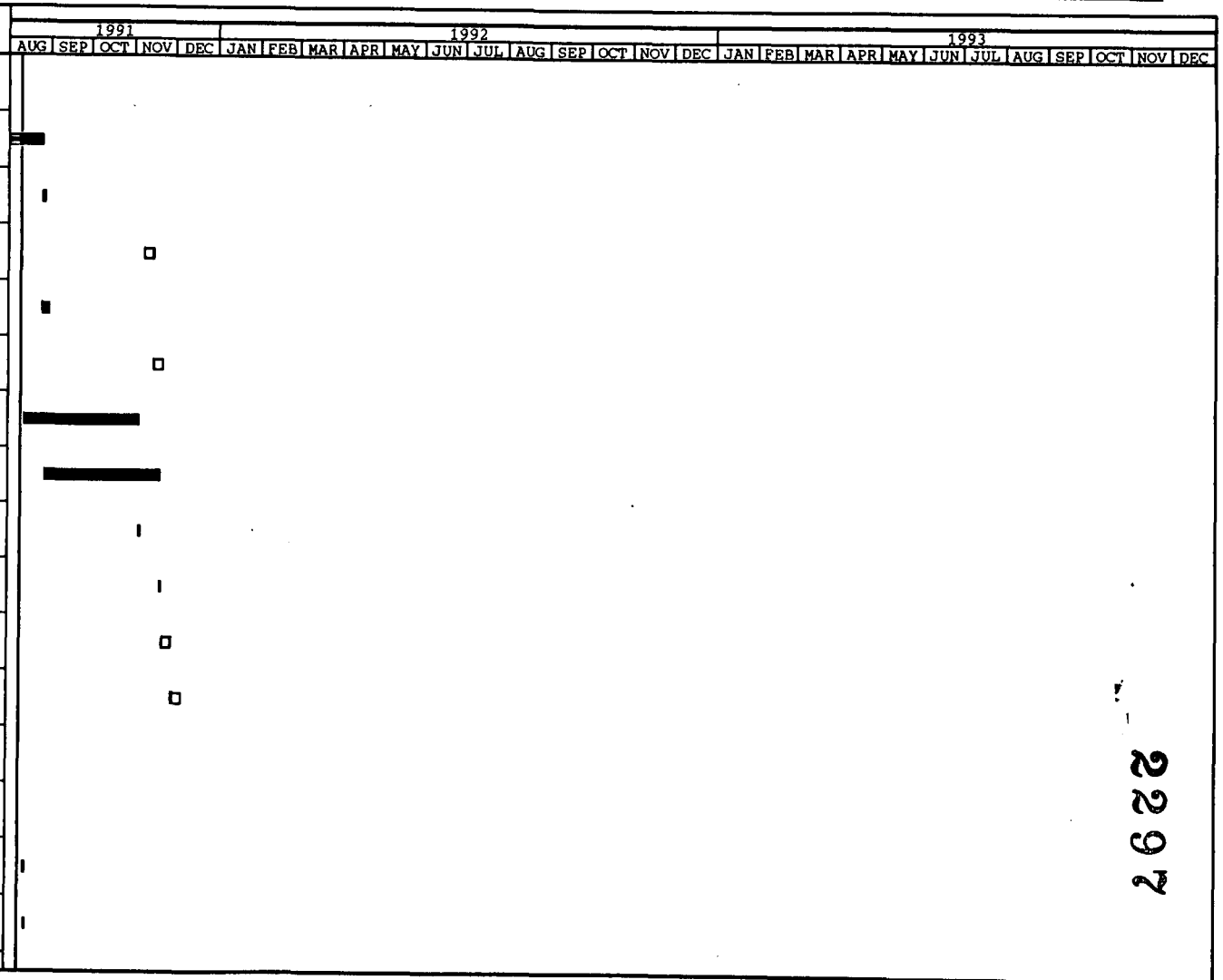


WELL DEVELOPMENT MOBILIZATION 2203A16662 OD 1 AS 31JUL91 AF 31JUL91	
WELL DEVELOPMENT/SAMPLING 2203A16664 OD 18 AS 1AUG91 LF 25AUG91	
SHIPPING/ARCHIVING 2203A16676 OD 2 LS 26AUG91 LF 27AUG91	
FIELD DATA VALIDATION 2203A16677 OD 5 LS 8NOV91 LF 14NOV91	
DEMOBILIZATION/DECON 2203A16678 OD 5 LS 26AUG91 LF 30AUG91	
DATA ENTRY 2203A16679 OD 5 LS 15NOV91 LF 21NOV91	
LABORATORY ANALYSIS - WASTE 2203A16992 OD 60 LS 13AUG91 LF 4NOV91	
LAB ANALYSIS - LEACHATE SAMPLES 2203A16993 OD 60 LS 28AUG91 LF 19NOV91	
REC LAB REP - WASTE MATRLS 2203A16995 OD 1 LS 5NOV91 LF 5NOV91	
REC LAB RPT - LEACHATE 2203A16996 OD 1 LS 20NOV91 LF 20NOV91	
VALIDATE LAB REPORT 2203A16997 OD 5 LS 22NOV91 LF 28NOV91	
DATA BASE ENTRY 2203A16998 OD 5 LS 29NOV91 LF 5DEC91	
REVISE WORK PLAN FOR ADDL HSL SAMPLES 2203A44210 OD 7 AS 1JUL91 AF 26JUL91	
DOE/WMCO/ASI-IT REVIEW REVISED WORK PLAN 2203A44212 OD 3 AS 26JUL91 AF 29JUL91	
PREPARE CCB PACKAGE 2203A44213 OD 1 LS 14AUG91 LF 14AUG91	
CCB PACKAGE APPROVAL 2203A44215 OD 1 LS 15AUG91 LF 15AUG91	



Activity Bar/Late Dates
Critical Activity
Progress Bar

Primavera Systems, Inc. 1984-1991

RI/FS PROJECT SCHEDULES
FERNALD ENVIRONMENTAL MGMT. PROJECT
OPERABLE UNIT 2 BAR CHART LEVEL IV

Sheet 2 of 10

Project Start : 31OCT90
Project Finish: 4MAY01

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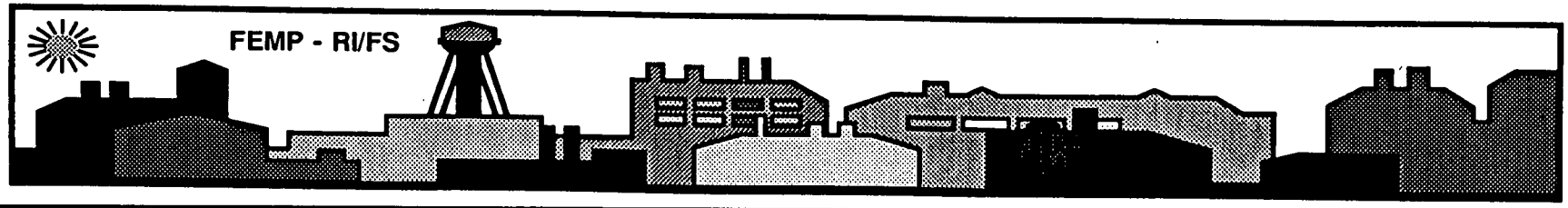
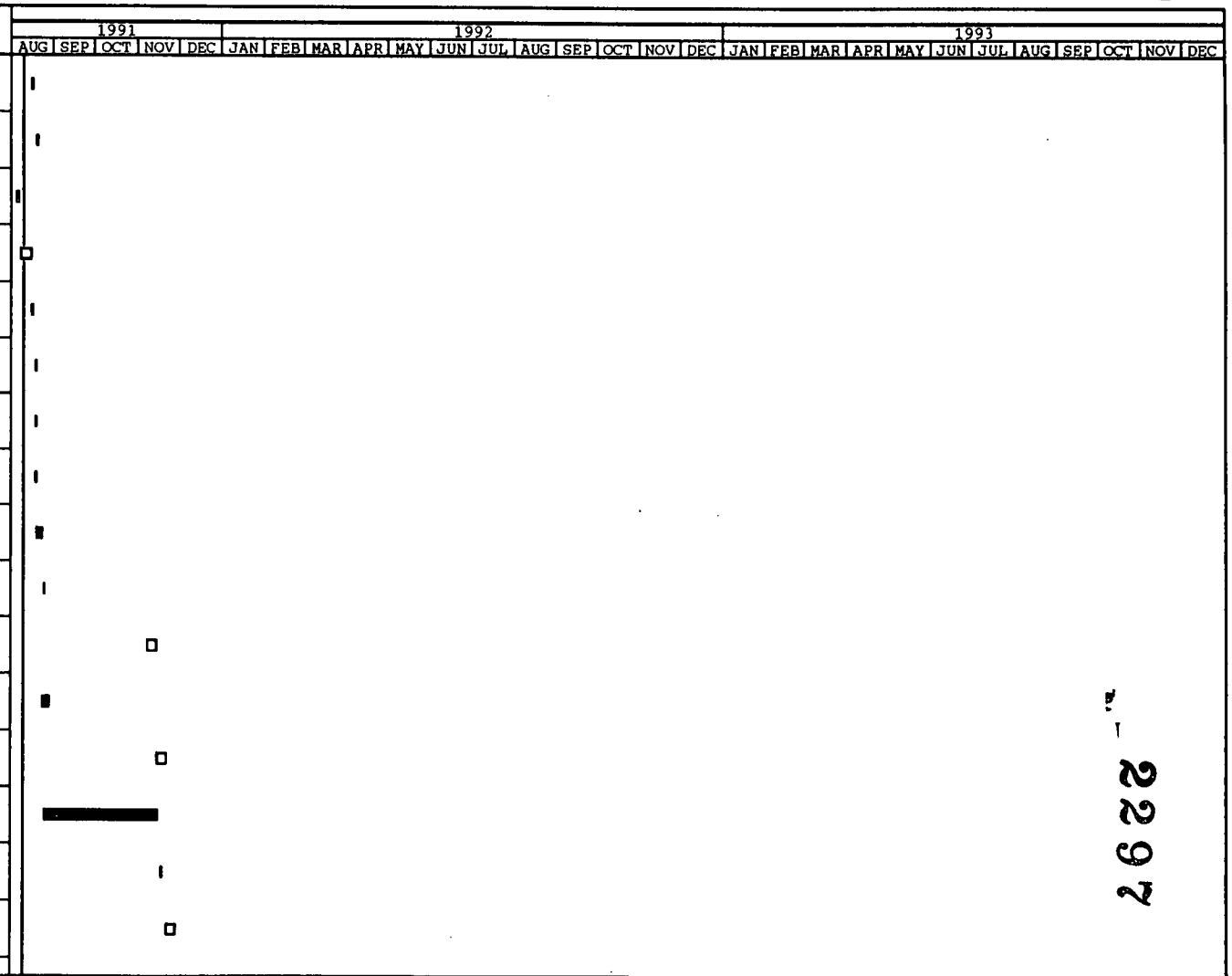


AUTHORIZATION TO PROCEED	2203A44216	OD 1	LS 16AUG91 LF 16AUG91
SEND REVISED WORK PLAN TO EPA FOR INFO	2203A44217	OD 1	LS 20AUG91 LF 20AUG91
PREPARE FINAL REVISED WORK PLAN	2203A44218	OD 2	AS 5AUG91 AF 6AUG91
DOE APPROVAL REVISED WORK PLAN	2203A44219	OD 1	AS 8AUG91 LF 15AUG91
PENETRATION PERMIT (HSL)	2203A44330	OD 1	LS 16AUG91 LF 16AUG91
ERA PERMIT APPROVAL (HSL)	2203A44332	OD 1	LS 19AUG91 LF 19AUG91
RADIATION WORK PERMIT (HSL)	2203A44338	OD 1	LS 19AUG91 LF 19AUG91
SITE SURVEY	2203A44340	OD 1	LS 19AUG91 LF 19AUG91
6 BORINGS	2203A44544	OD 4	LS 20AUG91 LF 23AUG91
SHIPPING/ARCHIVING	2203A44546	OD 1	LS 25AUG91 LF 25AUG91
FIELD DATA VALIDATION	2203A44547	OD 5	LS 8NOV91 LF 14NOV91
DEMOBILIZATION	2203A44548	OD 5	LS 24AUG91 LF 28AUG91
DATA ENTRY	2203A44549	OD 5	LS 15NOV91 LF 21NOV91
LABORATORY ANALYSIS - SOIL	2203A44992	OD 60	LS 26AUG91 LF 15NOV91
RECV LAB REPORT - HSL SOIL	2203A44995	OD 1	LS 18NOV91 LF 18NOV91
VALIDATE LAB REPORT	2203A44997	OD 5	LS 22NOV91 LF 28NOV91



Activity Bar/Late Dates
Critical Activity
Progress Bar

Primavera Systems, Inc. 1984-1991

RI/FS PROJECT SCHEDULES
FERNALD ENVIRONMENTAL MGMT. PROJECT
OPERABLE UNIT 2 BAR CHART LEVEL IV

Sheet 3 of 10

Project Start : 31OCT90
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Plot Date: 12SEP91

Prepared by ASI/IT Corp.

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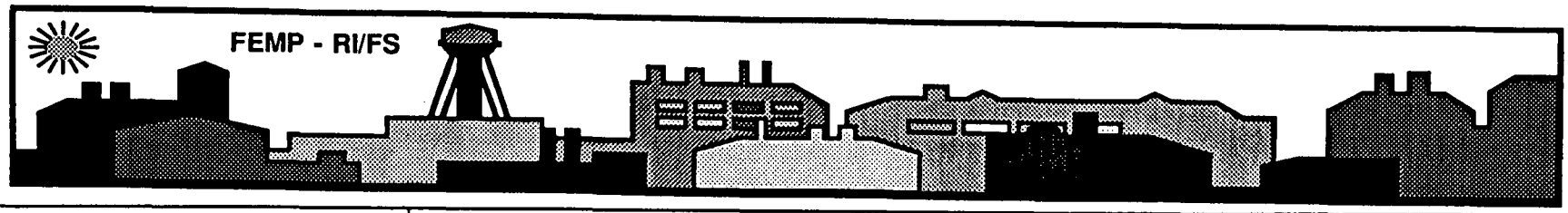
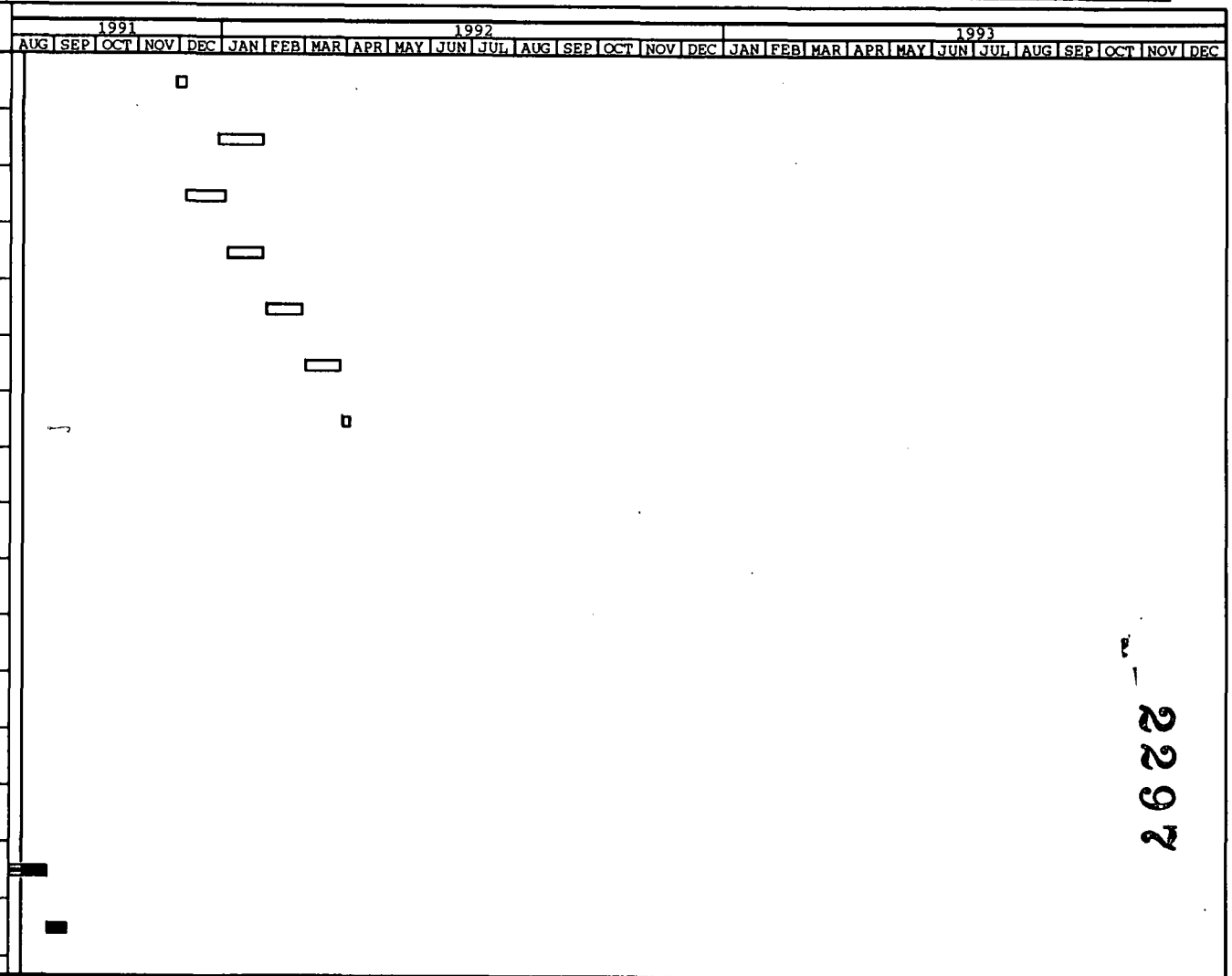


DATA BASE ENTRY 2203A44998 OD 5 LS 29NOV91 LF 5DEC91		
PERFORM FATE & TRAN CALCS 2204A81050 OD 25 LS 30DEC91 LF 31JAN92		
EVALUATE DATA FOR OU2 RISK ASSMT 2204A81100 OD 21 LS 6DEC91 LF 3JAN92		
DETER. CHEMICALS OF CONCERN 2204A81120 OD 20 LS 6JAN92 LF 31JAN92		
EVAL. EXP./RISK/TOXICITY 2204A81130 OD 20 LS 3FEB92 LF 28FEB92		
PREPARE OU2 RA REPORT 2204A81140 OD 20 LS 2MAR92 LF 27MAR92		
INTERNAL REVIEW OF OU2 RA 2204A81150 OD 5 LS 30MAR92 LF 3APR92		
TREATABILITY WORK PLANS 2205A31101 OD 21 AS 1APR91 AF 1MAY91		
INTERNAL REVIEW OF WORK PLAN 2205A31103 OD 15 AS 2MAY91 AF 23MAY91		
INCORPORATE COMMENTS 2205A31104 OD 5 AS 24MAY91 AF 30MAY91		
SUBMIT WORK PLANS TO DOE 2205A31105 OD 1 AS 31MAY91 AF 31MAY91		
DOE REVIEW OF WORK PLANS 2205A31110 OD 21 AS 3JUN91 AF 8JUL91		
INCORPORATE COMMENTS 2205A31115 OD 21 AS 8JUL91 AF 29JUL91		
SUBMIT WORK PLANS TO EPA 2205A31120 OD 1 AS 30JUL91 AF 30JUL91		
EPA REVIEW OF OU2 TS WORK PLAN 2205A31125 OD 21 AS 31JUL91 LF 28AUG91		
INCORPORATE EPA COMMENTS 2205A31130 OD 10 LS 29AUG91 LF 11SEP91		



Activity Bar/Late Dates
Critical Activity
Progress Bar

Primavera Systems, Inc. 1984-1991

RI/FS PROJECT SCHEDULES
FERNALD ENVIRONMENTAL MGMT. PROJECT
OPERABLE UNIT 2 BAR CHART LEVEL IV

Project Start : 31OCT90
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Sheet 4 of 10

Data Date: 10AUG91
Plot Date: 12SEP91

Prepared by ASI/IT Corp.

Date	Revision	Checked	Approved

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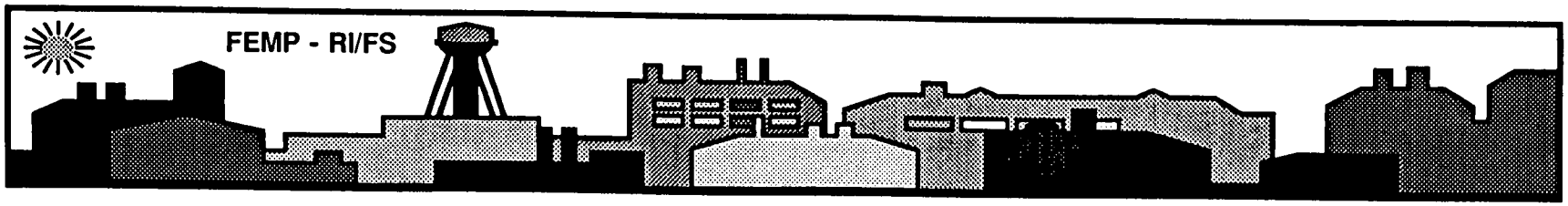
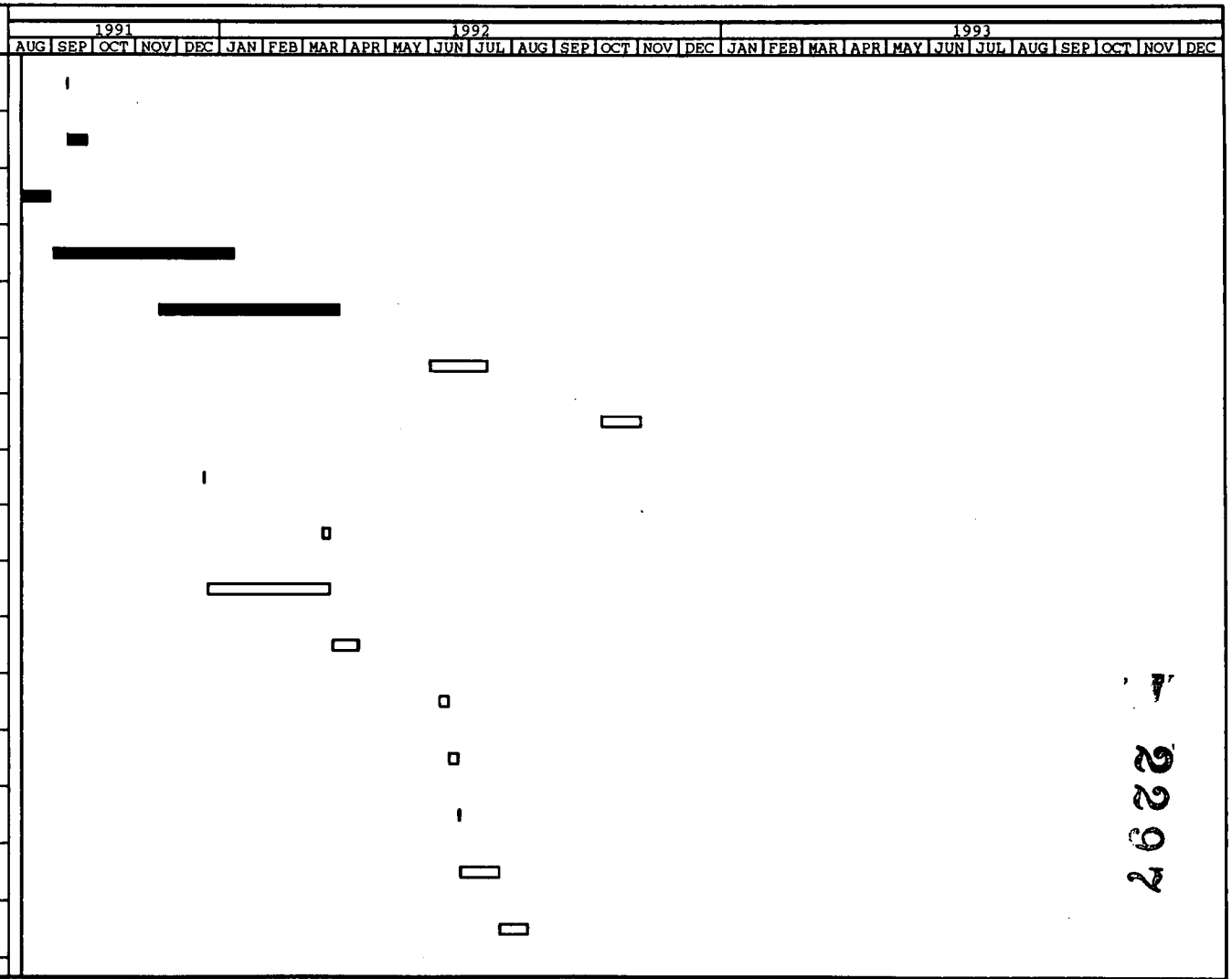


RE-SUBMIT WORK PLANS TO EPA 2205A31135 OD 1 LS 12SEP91 LF 12SEP91			
EPA REVIEW & APPROVAL 2205A31140 OD 10 LS 13SEP91 LF 26SEP91			
SAMPLE RECEIPT 2205A31145 OD 15 LS 12AUG91 LF 30AUG91			
PHASE 1 ACTIVITIES 2205A31150 OD 95 LS 2SEP91 LF 10JAN92			
PHASE 2 ACTIVITIES 2205A31155 OD 95 LS 18NOV91 LF 27MAR92			
TREATABILITY STUDIES REPORT 2205A31180 OD 30 LS 2JUN92 LF 13JUL92			
DOE/WMCO REVIEW AND COMMENT 2205A31183 OD 21 LS 5OCT92 LF 2NOV92			
START OU2 RI 2206A25001 OD 1 LS 20DEC91 LF 20DEC91			
OBTAIN VALIDATED FIELD ANALYSIS 2206A25102 OD 5 LS 16MAR92 LF 20MAR92			
REVISE SITE CHARACTR 2206A25103 OD 65 LS 23DEC91 LF 20MAR92			
PREPARE INTERNAL DRAFT RI REPORT 2206A25104 OD 15 LS 23MAR92 LF 10APR92			
INTERNAL REVIEW 2206A25105 OD 5 LS 9JUN92 LF 15JUN92			
INCORP INTERNAL OU2 RI COMMENTS 2206A25110 OD 5 LS 16JUN92 LF 22JUN92			
SUBMIT TO DOE 2206A25501 OD 1 LS 23JUN92 LF 23JUN92			
DOE REVIEW AND COMMENT 2206A25505 OD 21 LS 24JUN92 LF 22JUL92			
INCORPORATE DOE COMMENTS 2206A25508 OD 15 LS 23JUL92 LF 12AUG92			



Activity Bar/Late Dates
Critical Activity
Progress Bar

Primavera Systems, Inc. 1984-1991

RI/FS PROJECT SCHEDULES
FERNALD ENVIRONMENTAL MGMT. PROJECT
OPERABLE UNIT 2 BAR CHART LEVEL IV

Project Start : 31OCT90
Project Finish: 4MAY01

Sheet 5 of 10

Data Date: 10AUG91
Plot Date: 12SEP91

Prepared by ASI/IT Corp.

Date	Revision	Checked	Approved

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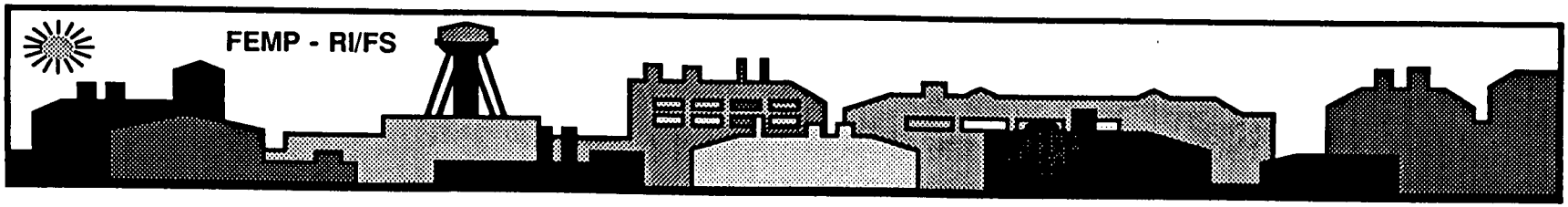
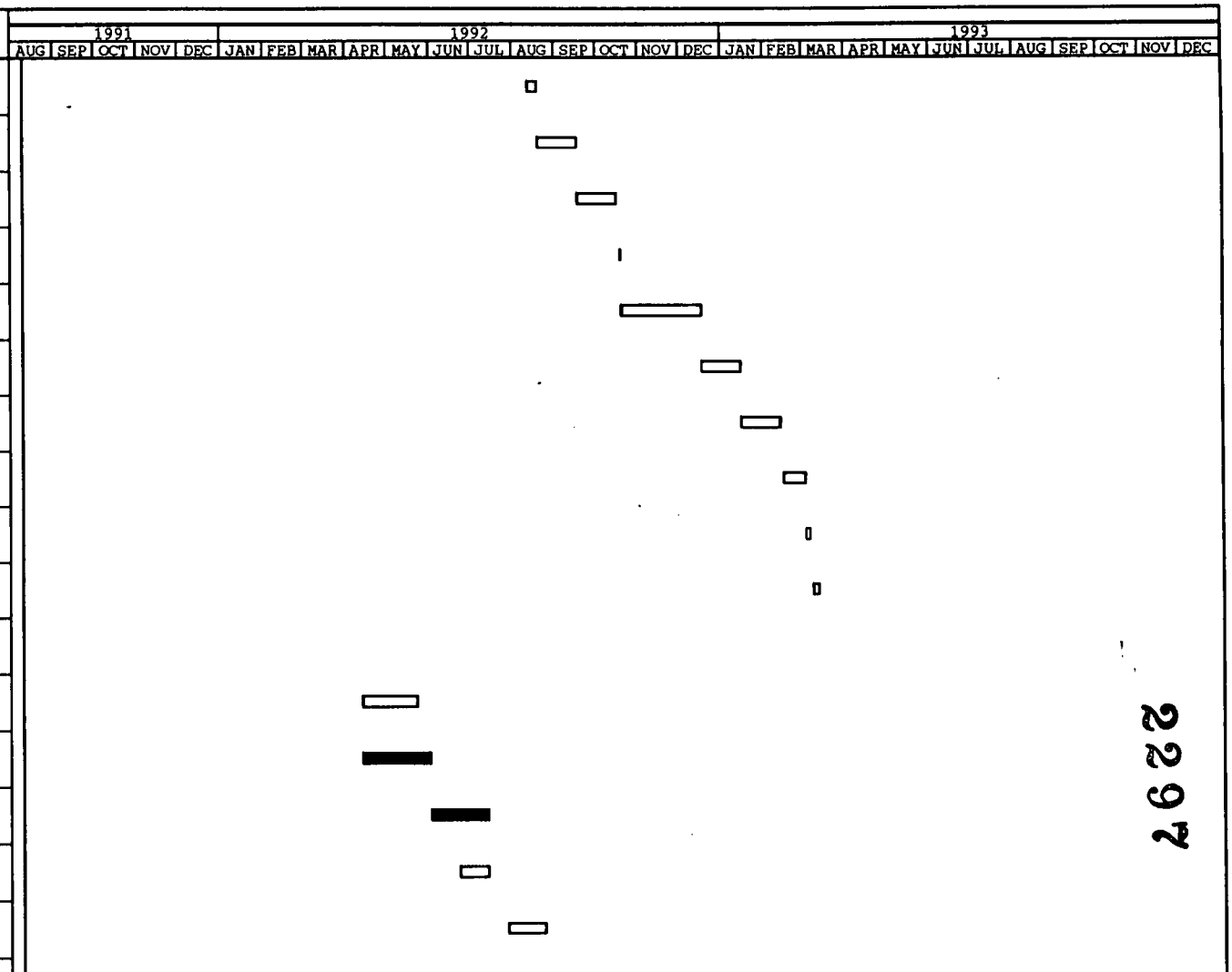


INTERNAL REVIEW OF REVISED DRAFT 2206A25509 OD 5 LS 13AUG92 LF 19AUG92	
EM-1 REVIEW AND COMMENT 2206A25525 OD 21 LS 20AUG92 LF 17SEP92	
INCORPORATE EM-1 COMMENTS 2206A25530 OD 21 LS 18SEP92 LF 16OCT92	
SUBMIT RI TO EPA 2206A25601 OD 1 LS 19OCT92 LF 19OCT92	
EPA REVIEW & COMMENT - OU2 RI 2206A25610 OD 42 LS 20OCT92 LF 16DEC92	
RESPOND TO EPA COMMENTS 2206A25620 OD 21 LS 17DEC92 LF 14JAN93	
EPA REVIEW AND APPROVE 2206A25625 OD 21 LS 15JAN93 LF 12FEB93	
INCORPORATE FINAL EPA COMMENTS 2206A25710 OD 12 LS 15FEB93 LF 2MAR93	
INTERNAL REVIEW 2206A25715 OD 3 LS 3MAR93 LF 5MAR93	
PRINT AND DIST FINAL REPORT 2206A25720 OD 5 LS 8MAR93 LF 12MAR93	
INITIAL SCREENING OF ALTERNATIVES 2312A09100 OD 0 AF 18APR91	
REVISE ALTERNATIVES 2315A30101 OD 30 LS 13APR92 LF 22MAY92	
PERFORM F/T MODELING 2315A30103 OD 36 LS 13APR92 LF 1JUN92	
EVAL EXP/RISK/TOXICITY 2315A30105 OD 30 LS 2JUN92 LF 13JUL92	
EVAL EXPOSURE DURING REM. 2315A30108 OD 15 LS 23JUN92 LF 13JUL92	
PREPARE FS-RA APPENDIX 2315A30111 OD 20 LS 28JUL92 LF 24AUG92	



Activity Bar/Late Dates
Critical Activity
Progress Bar

Primavera Systems, Inc. 1984-1991

RI/FS PROJECT SCHEDULES
FERNALD ENVIRONMENTAL MGMT. PROJECT
OPERABLE UNIT 2 BAR CHART LEVEL IV

Sheet 6 of 10

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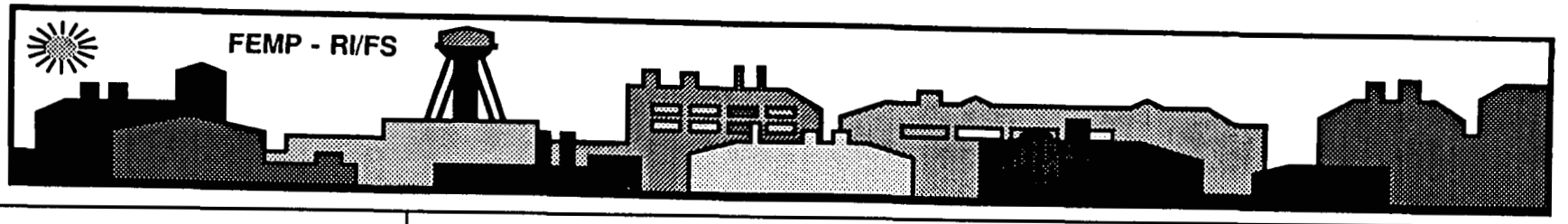
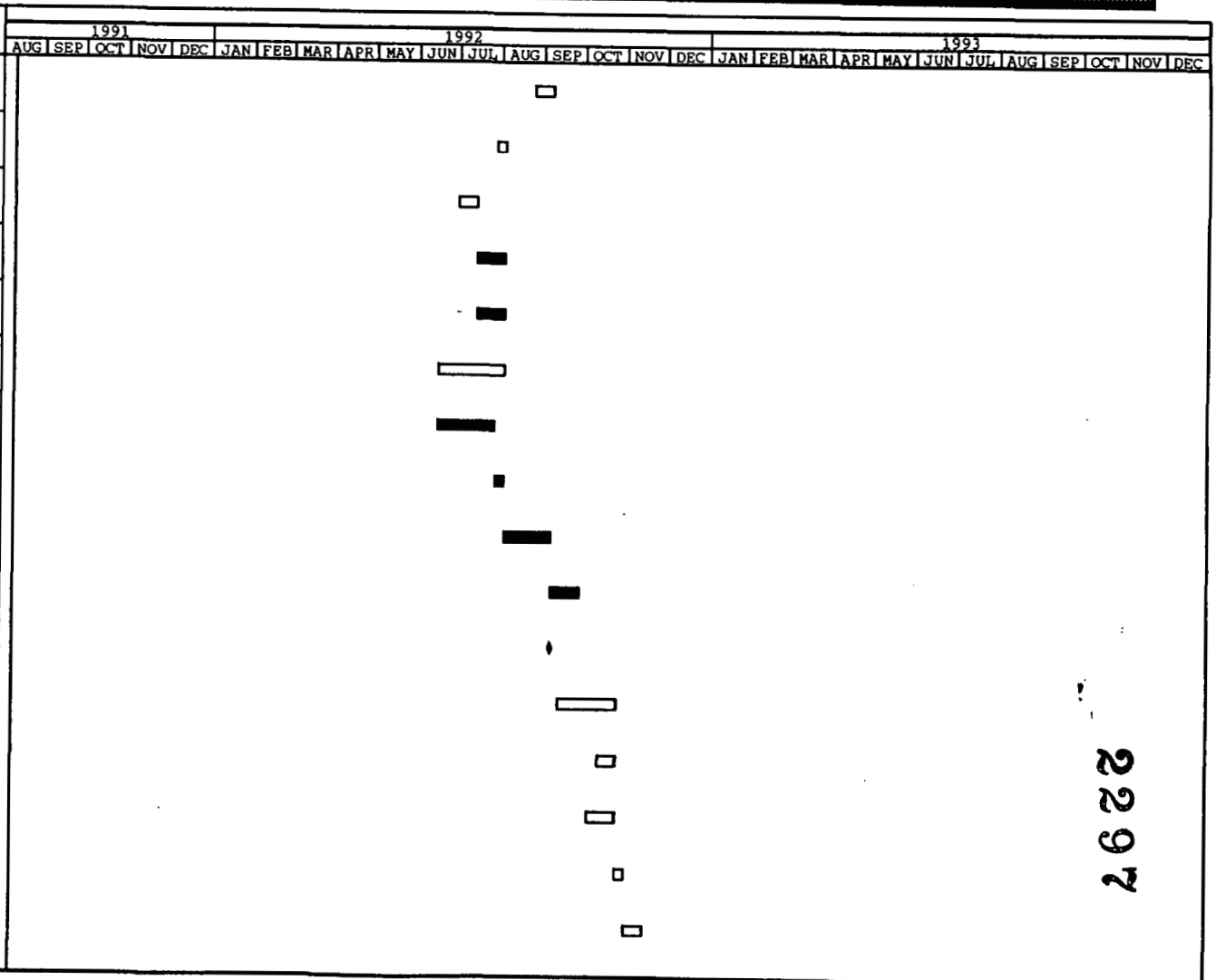


INTERNAL REVIEW OF FS-RA 2315A30113	OD 10 LF 7SEP92	LS 25AUG92	
EVALUATE ETPSF IMACTS 2315A30114	OD 5 LF 3AUG92	LS 28JUL92	
REVISE ALT DESCRIPTION 2315A30115	OD 10 LF 13JUL92	LS 30JUN92	
EVAL ALT EFFECTIVENESS 2315A30118	OD 15 LF 3AUG92	LS 14JUL92	
EVAL ALT IMPLEMENTABILITY 2315A30121	OD 15 LF 3AUG92	LS 14JUL92	
REVISE ALT COST ESTIMATE 2315A30123	OD 35 LF 3AUG92	LS 16JUN92	
NEPA ANALYSIS 2315A30125	OD 30 LF 27JUL92	LS 16JUN92	
DOE/HQ EA-EIS KEY DECISION POINT 2315A30127	OD 5 LF 3AUG92	LS 28JUL92	
COMPARATIVE ANALYSIS 2315A30128	OD 25 LF 7SEP92	LS 4AUG92	
PREPARE DAA CHAPTER 2315A30131	OD 15 LF 28SEP92	LS 8SEP92	
PROGRAMATIC DECISION POINT 2315A40001	OD 0 LS 8SEP92		
PREPARE INTERNAL DRAFT FS DOC. 2315A40107	OD 31 LF 26OCT92	LS 14SEP92	
PREPARE QA APPENDIX 2315A40120	OD 10 LF 26OCT92	LS 13OCT92	
PREPARE NEPA ANALYSIS CHAPTER 2315A40122	OD 15 LF 26OCT92	LS 6OCT92	
INTERNAL REVIEW 2315A40130	OD 5 LF 2NOV92	LS 27OCT92	
INCORPORATE INTERNAL REVIEW COMMENTS 2315A40131	OD 10 LF 16NOV92	LS 3NOV92	



Activity Bar/Late Dates
Critical Activity
Progress Bar

Primavera Systems, Inc. 1984-1991

RI/FS PROJECT SCHEDULES
FERNALD ENVIRONMENTAL MGMT. PROJECT
OPERABLE UNIT 2 BAR CHART LEVEL IV

Sheet 7 of 10

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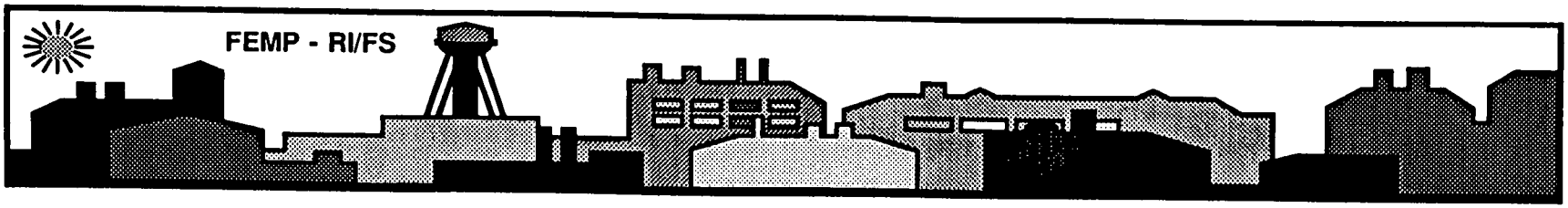
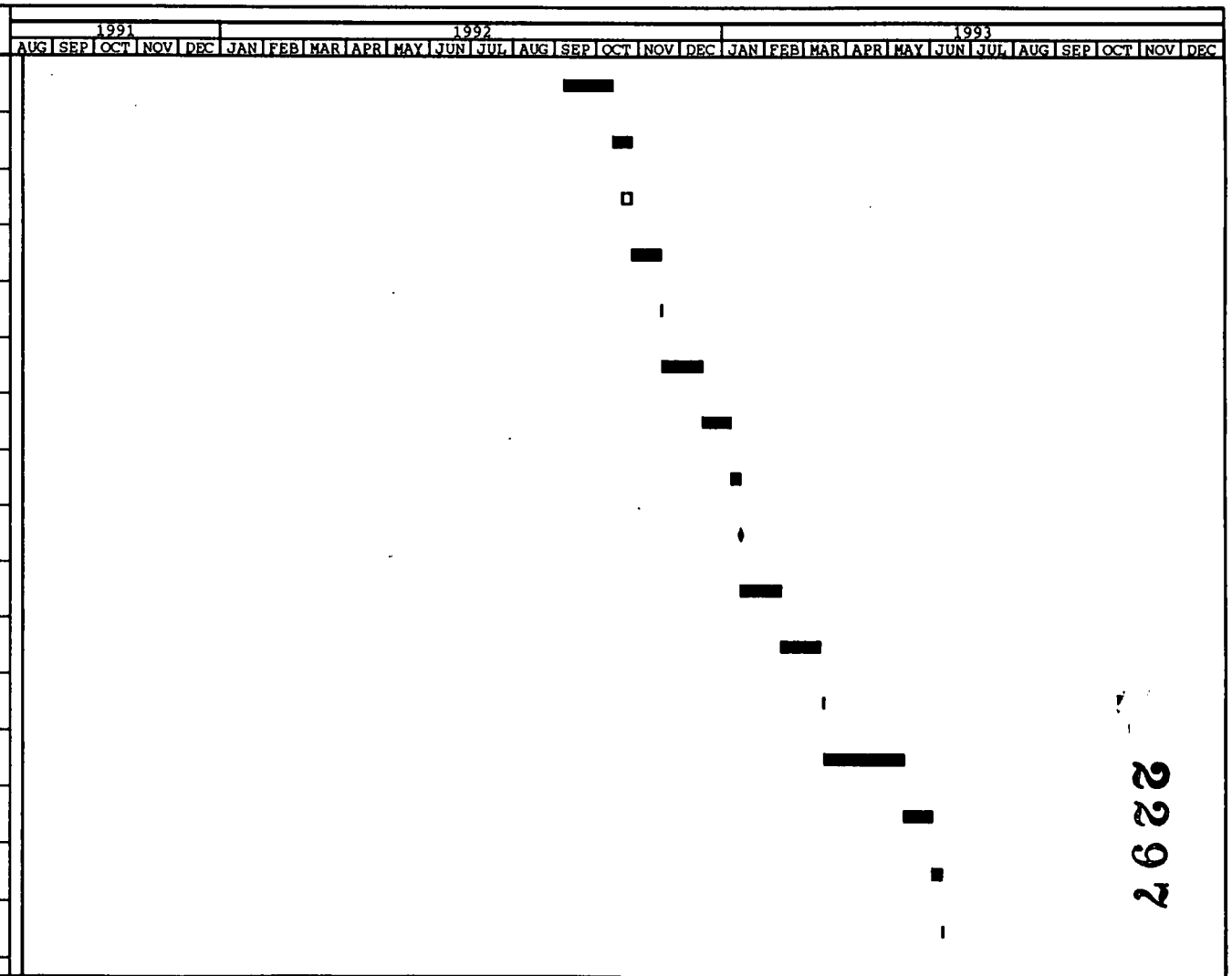


Activity	OD	LS	LF
PREPARE INTERNAL DRAFT PP DOCUMENT 2315A41201	25	8SEP92	12OCT92
COMMUNITY RELATIONS REVIEW & COMMENT 2315A41202	10	13OCT92	26OCT92
INTERNAL REVIEW 2315A41203	5	20OCT92	26OCT92
INCORPORATE FS/PP INTERNAL REVIEW COMMENTS 2315A41208	15	27OCT92	16NOV92
SUBMIT DRAFT FS/PP TO DOE/WMCO 2315A41501	1	17NOV92	17NOV92
DOE/WMCO REVIEW & COMMENT 2315A41504	21	18NOV92	16DEC92
INCORPORATE DOE COMMENTS 2315A41516	15	17DEC92	6JAN93
INTERNAL REVIEW 2315A41517	5	7JAN93	13JAN93
SUBMIT DRAFT FS/PP TO EM-1 2315A41530	0		13JAN93
EM-1 REVIEW & APPROVE 2315A41532	21	14JAN93	11FEB93
INCORPORATE EM-1 COMMENTS 2315A41535	21	12FEB93	12MAR93
SUBMIT EPA DRAFT FS/PP 2315A41605	1	15MAR93	15MAR93
EPA REVIEW & COMMENT 2315A41606	42	16MAR93	12MAY93
INCORPORATE EPA COMMENTS 2315A41607	15	13MAY93	2JUN93
INTERNAL REVIEW 2315A41608	5	3JUN93	9JUN93
SUBMIT DRAFT FINAL REPORT TO DOE 2315A41609	1	10JUN93	10JUN93



Activity Bar/Late Dates
Critical Activity
Progress Bar

Primavera Systems, Inc. 1984-1991

RI/FS PROJECT SCHEDULES
FERNALD ENVIRONMENTAL MGMT. PROJECT
OPERABLE UNIT 2 BAR CHART LEVEL IV

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Sheet 8 of 10

Data Date: 10AUG91
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Date	Revision	Checked	Approved

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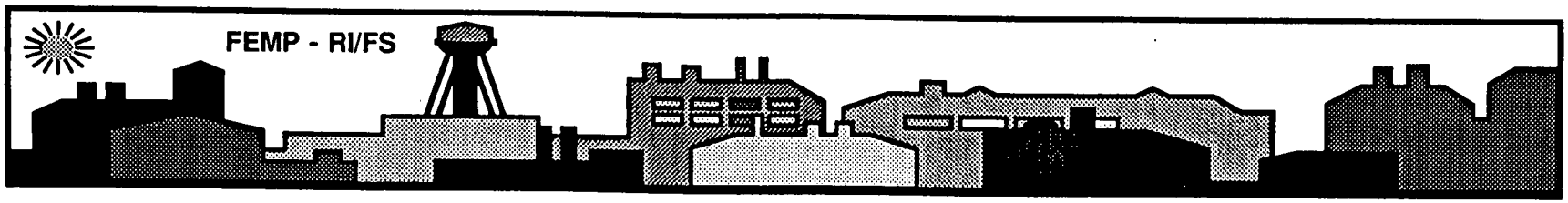
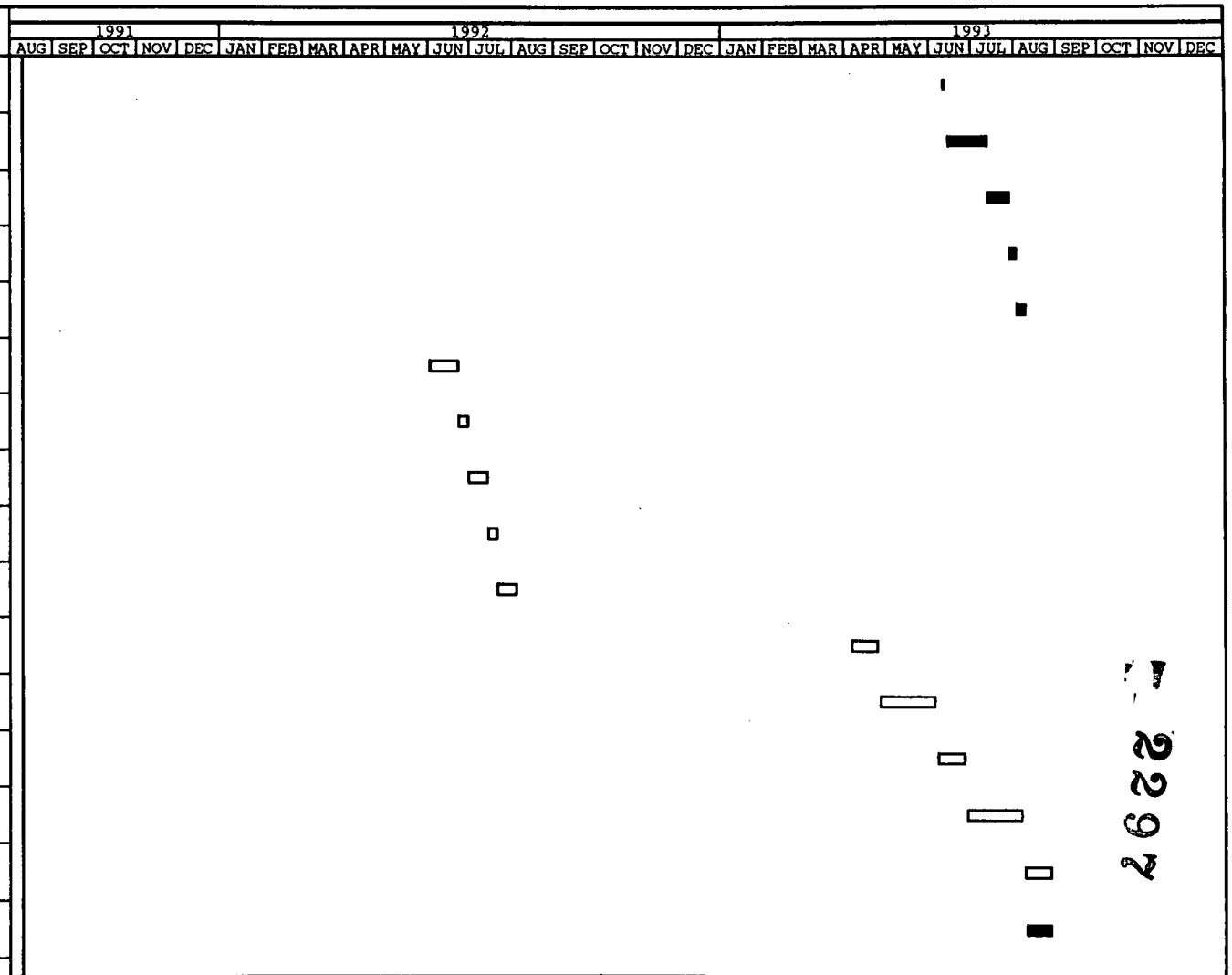


SUBMIT DRAFT FINAL REPORT TO EPA 2315A41615 OD 1 LS 11JUN93 LF 11JUN93	
EPA REVIEW & APPROVAL 2315A41620 OD 21 LS 14JUN93 LF 12JUL93	
INCORPORATE EPA FINAL COMMENTS 2315A41710 OD 12 LS 13JUL93 LF 28JUL93	
INTERNAL REVIEW OF FINAL FS/PP 2315A41712 OD 3 LS 29JUL93 LF 2AUG93	
PRINT & DISTR. FINAL FS/PP REPORT 2315A41713 OD 5 LS 3AUG93 LF 9AUG93	
INTEGRATE FINAL OU2 RA DATA 2316A82115 OD 15 LS 2JUN92 LF 22JUN92	
UPDATE SITEWIDE RME 2316A82118 OD 5 LS 23JUN92 LF 29JUN92	
UPDATE EVAL OF CHEMICALS OF CONCERN 2316A82121 OD 10 LS 30JUN92 LF 13JUL92	
UPDATE EVALUATION OF RISKS 2316A82123 OD 5 LS 14JUL92 LF 20JUL92	
UPDATE CUMULATIVE FS RA APPENDIX 2316A82125 OD 10 LS 21JUL92 LF 3AUG92	
DRAFT NOTICE OF AVAILABILITY (NOA) 2317A42101 OD 15 LS 5APR93 LF 23APR93	
DOE/HQ REVIEW AND COMMENT ON NOA 2317A42103 OD 30 LS 26APR93 LF 4JUN93	
INCORPORATE DOE NOA COMMENTS 2317A42105 OD 15 LS 7JUN93 LF 25JUN93	
PRINT AND REPRODUCE NOA 2317A42107 OD 30 LS 28JUN93 LF 6AUG93	
PUBLISH NOA 2317A42109 OD 15 LS 9AUG93 LF 27AUG93	
ISSUE NOTICE TO PUBLIC 2318A40020 OD 14 LS 10AUG93 LF 27AUG93	



Activity Bar/Late Dates
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Primavera Systems, Inc. 1984-1991

RI/FS PROJECT SCHEDULES
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Sheet 9 of 10

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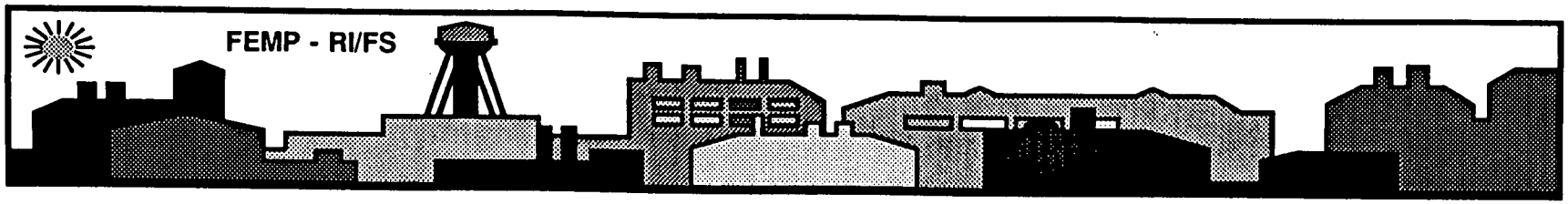

EPA NEPA COORDINATOR EIS REVIEW 2318A40025 OD 32 LS 30AUG93 LF 12OCT93	
PUBLIC COMMENT PERIOD 2318A40030 OD 32 LS 30AUG93 LF 12OCT93	
EVAL & RESPOND TO PUBLIC COMMENTS 2318A40100 OD 21 LS 13OCT93 LF 10NOV93	
PREPARE DECISION SUMMARY 2319A50060 OD 42 LS 8JUL93 LF 3SEP93	
INCORP RESPONSIVENESS SUMMARY 2319A50070 OD 0 LS 10NOV93	
PREPARE DECLARATION SUMMARY 2319A50071 OD 21 LS 6AUG93 LF 3SEP93	
INTERNAL REVIEW 2319A50100 OD 5 LS 6SEP93 LF 10SEP93	
SUBMIT DRAFT TO DOE/WMCO 2319A50501 OD 1 LS 13SEP93 LF 13SEP93	
DOE/WMCO REVIEW & COMMENT 2319A50530 OD 21 LS 14SEP93 LF 12OCT93	
INCORP DOE/WMCO COMMENTS OU2 DRAFT ROD 2319A50550 OD 20 LS 13OCT93 LF 9NOV93	
SUBMIT REVISED DRAFT TO DOE 2319A50560 OD 1 LS 10NOV93 LF 10NOV93	
EM-1 REVIEW, REVISE & APPROVE 2319A50592 OD 21 LS 11NOV93 LF 9DEC93	
DOE SUBMIT OU2 EPA DRAFT ROD TO EPA 2319A50600 OD 1 LS 10DEC93 LF 10DEC93	

1991: AUG SEP OCT NOV DEC
1992: JAN FEB MAR APR MAY JUN JUL AUG SEP OCT NOV DEC
1993: JAN FEB MAR APR MAY JUN JUL AUG SEP OCT NOV DEC

Activity Bar/Late Dates
Critical Activity
Progress Bar

Primavera Systems, Inc. 1984-1991

RI/FS PROJECT SCHEDULES
FERNALD ENVIRONMENTAL MGMT. PROJECT
OPERABLE UNIT 2 BAR CHART LEVEL IV

Sheet 10 of 10

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Detailed Precedence Analysis

RI/FS PROJECT SCHEDULES | PRIMAVERA PROJECT PLANNER | FERNALD ENVIRONMENTAL MGMT. PROJECT

REPORT DATE 12SEP91 14:41 RUN NO. 474 | Prepared by ASI/IT Corp. | START DATE 31OCT90 FIN DATE 4MAY01

SCHED REP - DETAILED PRECEDENCE ANALYSIS OU 2 | DATA DATE 10AUG91 PAGE NO. 1

ACTIVITY ID	ORIG DUR	REM DUR	%	CODE	ACTIVITY DESCRIPTION	LATE START	LATE FINISH
OPERABLE UNIT 2 SAMPLING							
2203A16001	20	0	100	22	AUTHORIZATION TO PROCEED	1MAR91A	26MAR91A
..2203A02000*	199	83	58	S SS 0	OPERABLE UNIT RELATED FIELD ACTIVITIES	1MAR91A	5DEC91
..2203A16214	5	0	100	S SS 5	PREPARE FINAL H&S PLAN	10MAY91A	15MAY91A
..2203A16544	40	1	98	S FS 0	19 BORINGS	11JUN91A	10AUG91
2203A16210	20	0	100	22	DRAFT OU2 SAMPLING H&S PLAN	26MAR91A	26APR91A
..2203A16212	10	0	100	S FS 0	DOE/WMCO REVIEW H&S PLAN	26APR91A	8MAY91A
2203A16212	10	0	100	22	DOE/WMCO REVIEW H&S PLAN	26APR91A	8MAY91A
..2203A16210	20	0	100	P FS 0	DRAFT OU2 SAMPLING H&S PLAN	26MAR91A	26APR91A
..2203A16214	5	0	100	S FS 0	PREPARE FINAL H&S PLAN	10MAY91A	15MAY91A
2203A16214	5	0	100	22	PREPARE FINAL H&S PLAN	10MAY91A	15MAY91A
..2203A16001	20	0	100	P SS 5	AUTHORIZATION TO PROCEED	1MAR91A	26MAR91A
..2203A16212	10	0	100	P FS 0	DOE/WMCO REVIEW H&S PLAN	26APR91A	8MAY91A
..2203A16215	0	0	100	S FS 0	DOE/WMCO APPROVAL H&S WORK PLAN		15MAY91A
..2203A16542	10	0	100	S SS 0	MOBILIZATION/PROCUREMENT	25MAY91A	5JUN91A
2203A16215	0	0	100	22	DOE/WMCO APPROVAL H&S WORK PLAN		15MAY91A
..2203A16214	5	0	100	P FS 0	PREPARE FINAL H&S PLAN	10MAY91A	15MAY91A
..2203A16330	3	0	100	S FS 0	PENETRATION PERMIT (OU2 SAMPLING)	17MAY91A	22MAY91A
2203A16330	3	0	100	22	PENETRATION PERMIT (OU2 SAMPLING)	17MAY91A	22MAY91A
..2203A16215	0	0	100	P FS 0	DOE/WMCO APPROVAL H&S WORK PLAN		15MAY91A
..2203A16332	5	0	100	S SS 1	ERA PERMIT APPROVAL OU2 SAMPLING	17MAY91A	24MAY91A
2203A16332	5	0	100	22	ERA PERMIT APPROVAL OU2 SAMPLING	17MAY91A	24MAY91A
..2203A16330	3	0	100	P SS 1	PENETRATION PERMIT (OU2 SAMPLING)	17MAY91A	22MAY91A
..2203A16338	1	0	100	S FS 0	RADIATION WORK PERMIT (OU2 SAMPLING)	25MAY91A	25MAY91A
2203A16338	1	0	100	22	RADIATION WORK PERMIT (OU2 SAMPLING)	25MAY91A	25MAY91A
..2203A16332	5	0	100	P FS 0	ERA PERMIT APPROVAL OU2 SAMPLING	17MAY91A	24MAY91A
..2203A16540	1	0	100	S SS 0	OU2 SAMPLING SPECIFIC TRAINING	25MAY91A	25MAY91A
2203A16540	1	0	100	22	OU2 SAMPLING SPECIFIC TRAINING	25MAY91A	25MAY91A
..2203A16338	1	0	100	P SS 0	RADIATION WORK PERMIT (OU2 SAMPLING)	25MAY91A	25MAY91A
..2203A16664	18	12	33	S FS 0	WELL DEVELOPMENT/SAMPLING	1AUG91A	25AUG91
2203A16542	10	0	100	22	MOBILIZATION/PROCUREMENT	25MAY91A	5JUN91A
..2203A16214	5	0	100	P SS 0	PREPARE FINAL H&S PLAN	10MAY91A	15MAY91A
..2203A16544	40	1	98	S FS 0	19 BORINGS	11JUN91A	10AUG91
2203A16544	40	1	98	22	19 BORINGS	11JUN91A	10AUG91
..2203A16001	20	0	100	P FS 0	AUTHORIZATION TO PROCEED	1MAR91A	26MAR91A

ACTIVITY ID	ORIG DUR	REM DUR	%			CODE	ACTIVITY DESCRIPTION	LATE START	LATE FINISH
..2203A16542	10	0	100	P	FS	0	MOBILIZATION/PROCUREMENT	25MAY91A	5JUN91A
..2203A16546*	2	2	0	S	FS	0	SHIPPING/ARCHIVING	11AUG91	12AUG91
..2203A16548*	5	5	0	S	FS	0	DEMOBILIZATION	11AUG91	15AUG91*
..2203A16660	1	0	100	S	SS	10	TASK SPECIFIC WELL DEVELOPMENT TRAINING	30JUL91A	30JUL91A
..2203A16664	18	12	33	S	FF	10	WELL DEVELOPMENT/SAMPLING	1AUG91A	25AUG91
..2203A44544	4	4	0	S	FS	1	6 BORINGS	20AUG91	23AUG91
..2205A31145	15	15	0	S	FS	0	SAMPLE RECEIPT	12AUG91	30AUG91
2203A16546	2	2	0			22	SHIPPING/ARCHIVING	11AUG91	12AUG91
..2203A16544*	40	1	98	P	FS	0	19 BORINGS	11JUN91A	10AUG91
..2203A16547*	5	5	0	S	FS	0	FIELD DATA VALIDATION	8NOV91	14NOV91
..2203A16992*	60	60	0	S	FS	0	LABORATORY ANALYSIS - WASTE	13AUG91	4NOV91
2203A16547	5	5	0			22	FIELD DATA VALIDATION	8NOV91	14NOV91
..2203A16546*	2	2	0	P	FS	0	SHIPPING/ARCHIVING	11AUG91	12AUG91
..2203A16549*	5	5	0	S	FS	0	DATA ENTRY	15NOV91	21NOV91
2203A16548	5	5	0			22	DEMOBILIZATION	11AUG91	15AUG91*
..2203A16544*	40	1	98	P	FS	0	19 BORINGS	11JUN91A	10AUG91
..2203A16549	5	5	0	S	FF	0	DATA ENTRY	15NOV91	21NOV91
2203A16549	5	5	0			22	DATA ENTRY	15NOV91	21NOV91
..2203A16547*	5	5	0	P	FS	0	FIELD DATA VALIDATION	8NOV91	14NOV91
..2203A16548	5	5	0	P	FF	0	DEMOBILIZATION	11AUG91	15AUG91*
..2203A16997	5	5	0	S	FS	0	VALIDATE LAB REPORT	22NOV91	28NOV91
2203A16660	1	0	100			22	TASK SPECIFIC WELL DEVELOPMENT TRAINING	30JUL91A	30JUL91A
..2203A16544	40	1	98	P	SS	10	19 BORINGS	11JUN91A	10AUG91
..2203A16662	1	0	100	S	FS	0	WELL DEVELOPMENT MOBILIZATION	31JUL91A	31JUL91A
2203A16662	1	0	100			22	WELL DEVELOPMENT MOBILIZATION	31JUL91A	31JUL91A
..2203A16660	1	0	100	P	FS	0	TASK SPECIFIC WELL DEVELOPMENT TRAINING	30JUL91A	30JUL91A
..2203A16664	18	12	33	S	FS	0	WELL DEVELOPMENT/SAMPLING	1AUG91A	25AUG91
2203A16664	18	12	33			22	WELL DEVELOPMENT/SAMPLING	1AUG91A	25AUG91
.2203A16540	1	0	100	P	FS	0	OU2 SAMPLING SPECIFIC TRAINING	25MAY91A	25MAY91A
.2203A16544	40	1	98	P	FF	10	19 BORINGS	11JUN91A	10AUG91
.2203A16662	1	0	100	P	FS	0	WELL DEVELOPMENT MOBILIZATION	31JUL91A	31JUL91A
.2203A16676*	2	2	0	S	FS	0	SHIPPING/ARCHIVING	26AUG91	27AUG91
.2203A16678*	5	5	0	S	FS	0	DEMOBILIZATION/DECON	26AUG91	30AUG91*
2203A16676	2	2	0			22	SHIPPING/ARCHIVING	26AUG91	27AUG91
.2203A16664*	18	12	33	P	FS	0	WELL DEVELOPMENT/SAMPLING	1AUG91A	25AUG91
.2203A16677*	5	5	0	S	FS	0	FIELD DATA VALIDATION	8NOV91	14NOV91
.2203A16993*	60	60	0	S	FS	0	LAB ANALYSIS - LEACHATE SAMPLES	28AUG91	19NOV91

ACTIVITY ID	ORIG DUR	REM DUR	%	CODE	ACTIVITY DESCRIPTION	LATE START	LATE FINISH
OPERABLE UNIT 2 SAMPLING							
2203A16677	5	5	0	22	FIELD DATA VALIDATION	8NOV91	14NOV91
..2203A16676*	2	2	0	P FS 0	SHIPPING/ARCHIVING	26AUG91	27AUG91
..2203A16679*	5	5	0	S FS 0	DATA ENTRY	15NOV91	21NOV91
2203A16678	5	5	0	22	DEMOBILIZATION/DECON	26AUG91	30AUG91*
..2203A16664*	18	12	33	P FS 0	WELL DEVELOPMENT/SAMPLING	1AUG91A	25AUG91
..2203A16679	5	5	0	S FF 0	DATA ENTRY	15NOV91	21NOV91
2203A16679	5	5	0	22	DATA ENTRY	15NOV91	21NOV91
..2203A16677*	5	5	0	P FS 0	FIELD DATA VALIDATION	8NOV91	14NOV91
..2203A16678	5	5	0	P FF 0	DEMOBILIZATION/DECON	26AUG91	30AUG91*
..2203A16997	5	5	0	S FS 0	VALIDATE LAB REPORT	22NOV91	28NOV91
2203A16992	60	60	0	22	LABORATORY ANALYSIS - WASTE	13AUG91	4NOV91
..2203A16546*	2	2	0	P FS 0	SHIPPING/ARCHIVING	11AUG91	12AUG91
..2203A16995*	1	1	0	S FS 0	REC LAB REP - WASTE MATRLS	5NOV91	5NOV91
2203A16993	60	60	0	22	LAB ANALYSIS - LEACHATE SAMPLES	28AUG91	19NOV91
..2203A16676*	2	2	0	P FS 0	SHIPPING/ARCHIVING	26AUG91	27AUG91
..2203A16996*	1	1	0	S FS 0	REC LAB RPT - LEACHATE	20NOV91	20NOV91
2203A16995	1	1	0	22	REC LAB REP - WASTE MATRLS	5NOV91	5NOV91
..2203A16992*	60	60	0	P FS 0	LABORATORY ANALYSIS - WASTE	13AUG91	4NOV91
..2203A16997	5	5	0	S FS 0	VALIDATE LAB REPORT	22NOV91	28NOV91
2203A16996	1	1	0	22	REC LAB RPT - LEACHATE	20NOV91	20NOV91
..2203A16993*	60	60	0	P FS 0	LAB ANALYSIS - LEACHATE SAMPLES	28AUG91	19NOV91
..2203A16997*	5	5	0	S FS 0	VALIDATE LAB REPORT	22NOV91	28NOV91
2203A16997	5	5	0	22	VALIDATE LAB REPORT	22NOV91	28NOV91
..2203A16549	5	5	0	P FS 0	DATA ENTRY	15NOV91	21NOV91
..2203A16679	5	5	0	P FS 0	DATA ENTRY	15NOV91	21NOV91
..2203A16995	1	1	0	P FS 0	REC LAB REP - WASTE MATRLS	5NOV91	5NOV91
..2203A16996*	1	1	0	P FS 0	REC LAB RPT - LEACHATE	20NOV91	20NOV91
..2203A16998*	5	5	0	S FS 0	DATA BASE ENTRY	29NOV91	5DEC91
2203A16998	5	5	0	22	DATA BASE ENTRY	29NOV91	5DEC91
..2203A02000*	199	83	58	P FF 0	OPERABLE UNIT RELATED FIELD ACTIVITIES	1MAR91A	5DEC91
..2203A16997*	5	5	0	P FS 0	VALIDATE LAB REPORT	22NOV91	28NOV91
..2204A81100*	21	21	0	S FS 0	EVALUATE DATA FOR OU2 RISK ASSMT	6DEC91	3JAN92
..2206A25001*	1	1	0	S FS 0	START OU2 RI	20DEC91	20DEC91
OPERABLE UNIT 2 SAMPLING							
2203A44210	7	0	100	22	REVISE WORK PLAN FOR ADDL HSL SAMPLES	1JUL91A	26JUL91A

ACTIVITY ID	ORIG DUR	REM DUR	%		CODE		ACTIVITY DESCRIPTION	LATE START	LATE FINISH
..2203A02001*	111	81	27	S	SS	0	OPERABLE UNIT RELATED FIELD ACTIVITIES	1JUL91A	5DEC91
..2203A44212	3	0	100	S	FS	0	DOE/WMCO/ASI-IT REVIEW REVISED WORK PLAN	26JUL91A	29JUL91A
2203A44212	3	0	100			22	DOE/WMCO/ASI-IT REVIEW REVISED WORK PLAN	26JUL91A	29JUL91A
..2203A44210	7	0	100	P	FS	0	REVISE WORK PLAN FOR ADDL HSL SAMPLES	1JUL91A	26JUL91A
..2203A44213	1	1	0	S	SS	0	PREPARE CCB PACKAGE	14AUG91	14AUG91
..2203A44218	2	0	100	S	FS	0	PREPARE FINAL REVISED WORK PLAN	5AUG91A	6AUG91A
..2203A44330	1	1	0	S	SS	0	PENETRATION PERMIT (HSL)	16AUG91	16AUG91
..2203A44332	1	1	0	S	SS	1	ERA PERMIT APPROVAL (HSL)	19AUG91	19AUG91
2203A44213	1	1	0			22	PREPARE CCB PACKAGE	14AUG91	14AUG91
..2203A44212	3	0	100	P	SS	0	DOE/WMCO/ASI-IT REVIEW REVISED WORK PLAN	26JUL91A	29JUL91A
..2203A44215*	1	1	0	S	FS	0	CCB PACKAGE APPROVAL	15AUG91	15AUG91
2203A44215	1	1	0			22	CCB PACKAGE APPROVAL	15AUG91	15AUG91
..2203A44213*	1	1	0	P	FS	0	PREPARE CCB PACKAGE	14AUG91	14AUG91
..2203A44216*	1	1	0	S	FS	0	AUTHORIZATION TO PROCEED	16AUG91	16AUG91
..2203A44217*	1	1	0	S	SS	0	SEND REVISED WORK PLAN TO EPA FOR INFO	20AUG91	20AUG91
2203A44216	1	1	0			22	AUTHORIZATION TO PROCEED	16AUG91	16AUG91
..2203A44215*	1	1	0	P	FS	0	CCB PACKAGE APPROVAL	15AUG91	15AUG91
..2203A44340*	1	1	0	S	FS	0	SITE SURVEY	19AUG91	19AUG91
2203A44217	1	1	0			22	SEND REVISED WORK PLAN TO EPA FOR INFO	20AUG91	20AUG91
..2203A44215*	1	1	0	P	SS	0	CCB PACKAGE APPROVAL	15AUG91	15AUG91
..2203A44544	4	4	0	S	SS	0	6 BORINGS	20AUG91	23AUG91
2203A44218	2	0	100			22	PREPARE FINAL REVISED WORK PLAN	5AUG91A	6AUG91A
..2203A44212	3	0	100	P	FS	0	DOE/WMCO/ASI-IT REVIEW REVISED WORK PLAN	26JUL91A	29JUL91A
..2203A44219	1	1	0	S	FS	0	DOE APPROVAL REVISED WORK PLAN	8AUG91A	15AUG91
2203A44219	1	1	0			22	DOE APPROVAL REVISED WORK PLAN	8AUG91A	15AUG91
..2203A44218	2	0	100	P	FS	0	PREPARE FINAL REVISED WORK PLAN	5AUG91A	6AUG91A
..2203A44330*	1	1	0	S	FS	0	PENETRATION PERMIT (HSL)	16AUG91	16AUG91
2203A44330	1	1	0			22	PENETRATION PERMIT (HSL)	16AUG91	16AUG91
..2203A44212	3	0	100	P	SS	0	DOE/WMCO/ASI-IT REVIEW REVISED WORK PLAN	26JUL91A	29JUL91A
..2203A44219*	1	1	0	P	FS	0	DOE APPROVAL REVISED WORK PLAN	8AUG91A	15AUG91
..2203A44332*	1	1	0	S	FS	0	ERA PERMIT APPROVAL (HSL)	19AUG91	19AUG91
2203A44332	1	1	0			22	ERA PERMIT APPROVAL (HSL)	19AUG91	19AUG91
.2203A44212	3	0	100	P	SS	1	DOE/WMCO/ASI-IT REVIEW REVISED WORK PLAN	26JUL91A	29JUL91A
.2203A44330*	1	1	0	P	FS	0	PENETRATION PERMIT (HSL)	16AUG91	16AUG91
.2203A44338*	1	1	0	S	SS	0	RADIATION WORK PERMIT (HSL)	19AUG91	19AUG91

ACTIVITY ID	ORIG DUR	REM DUR	%	CODE	ACTIVITY DESCRIPTION	LATE START	LATE FINISH
OPERABLE UNIT 2 SAMPLING							
2203A44338	1	1	0	22	RADIATION WORK PERMIT (HSL)	19AUG91	19AUG91
..2203A44332*	1	1	0	P SS 0	ERA PERMIT APPROVAL (HSL)	19AUG91	19AUG91
..2203A44340	1	1	0	S SS 0	SITE SURVEY	19AUG91	19AUG91
2203A44340	1	1	0	22	SITE SURVEY	19AUG91	19AUG91
..2203A44216*	1	1	0	P FS 0	AUTHORIZATION TO PROCEED	16AUG91	16AUG91
..2203A44338	1	1	0	P SS 0	RADIATION WORK PERMIT (HSL)	19AUG91	19AUG91
..2203A44544*	4	4	0	S FS 0	6 BORINGS	20AUG91	23AUG91
2203A44544	4	4	0	22	6 BORINGS	20AUG91	23AUG91
..2203A16544	40	1	98	P FS 1	19 BORINGS	11JUN91A	10AUG91
..2203A44217	1	1	0	P SS 0	SEND REVISED WORK PLAN TO EPA FOR INFO	20AUG91	20AUG91
..2203A44340*	1	1	0	P FS 0	SITE SURVEY	19AUG91	19AUG91
..2203A44546*	1	1	0	S FS 0	SHIPPING/ARCHIVING	25AUG91	25AUG91
..2203A44548*	5	5	0	S FS 0	DEMOBILIZATION	24AUG91	28AUG91*
2203A44546	1	1	0	22	SHIPPING/ARCHIVING	25AUG91	25AUG91
..2203A44544*	4	4	0	P FS 0	6 BORINGS	20AUG91	23AUG91
..2203A44547*	5	5	0	S FS 0	FIELD DATA VALIDATION	8NOV91	14NOV91
..2203A44992*	60	60	0	S FS 0	LABORATORY ANALYSIS - SOIL	26AUG91	15NOV91
2203A44547	5	5	0	22	FIELD DATA VALIDATION	8NOV91	14NOV91
..2203A44546*	1	1	0	P FS 0	SHIPPING/ARCHIVING	25AUG91	25AUG91
..2203A44549*	5	5	0	S FS 0	DATA ENTRY	15NOV91	21NOV91
2203A44548	5	5	0	22	DEMOBILIZATION	24AUG91	28AUG91*
..2203A44544*	4	4	0	P FS 0	6 BORINGS	20AUG91	23AUG91
..2203A44549	5	5	0	S FF 0	DATA ENTRY	15NOV91	21NOV91
2203A44549	5	5	0	22	DATA ENTRY	15NOV91	21NOV91
..2203A44547*	5	5	0	P FS 0	FIELD DATA VALIDATION	8NOV91	14NOV91
..2203A44548	5	5	0	P FF 0	DEMOBILIZATION	24AUG91	28AUG91*
..2203A44997	5	5	0	S FS 0	VALIDATE LAB REPORT	22NOV91	28NOV91
2203A44992	60	60	0	22	LABORATORY ANALYSIS - SOIL	26AUG91	15NOV91
..2203A44546*	1	1	0	P FS 0	SHIPPING/ARCHIVING	25AUG91	25AUG91
..2203A44995*	1	1	0	S FS 0	RECV LAB REPORT - HSL SOIL	18NOV91	18NOV91
2203A44995	1	1	0	22	RECV LAB REPORT - HSL SOIL	18NOV91	18NOV91
..2203A44992*	60	60	0	P FS 0	LABORATORY ANALYSIS - SOIL	26AUG91	15NOV91
..2203A44997*	5	5	0	S FS 0	VALIDATE LAB REPORT	22NOV91	28NOV91
2203A44997	5	5	0	22	VALIDATE LAB REPORT	22NOV91	28NOV91
..2203A44549	5	5	0	P FS 0	DATA ENTRY	15NOV91	21NOV91

ACTIVITY ID	ORIG DUR	REM DUR	%	CODE	ACTIVITY DESCRIPTION	LATE START	LATE FINISH
..2203A44995*	1	1	0	P FS 0	RECV LAB REPORT - HSL SOIL	18NOV91	18NOV91
..2203A44998*	5	5	0	S FS 0	DATA BASE ENTRY	29NOV91	5DEC91
2203A44998	5	5	0	22	DATA BASE ENTRY	29NOV91	5DEC91
..2203A02001*	111	81	27	P FF 0	OPERABLE UNIT RELATED FIELD ACTIVITIES	1JUL91A	5DEC91
..2203A44997*	5	5	0	P FS 0	VALIDATE LAB REPORT	22NOV91	28NOV91
..2204A81100	21	21	0	S FS 0	EVALUATE DATA FOR OU2 RISK ASSMT	6DEC91	3JAN92
..2206A25001	1	1	0	S FS 0	START OU2 RI	20DEC91	20DEC91
OU-BL RISK ASSESSMENT							
2204A81050	25	25	0	22	PERFORM FATE & TRAN CALCS	30DEC91	31JAN92
..2204A81100*	21	21	0	P SS 10	EVALUATE DATA FOR OU2 RISK ASSMT	6DEC91	3JAN92
..2204A81130	20	20	0	S FS 0	EVAL. EXP./RISK/TOXICITY	3FEB92	28FEB92
2204A81100	21	21	0	22	EVALUATE DATA FOR OU2 RISK ASSMT	6DEC91	3JAN92
..0200A85601	21	21	0	P FS 0	EPA REVIEW AND APPROVE	7NOV91	5DEC91
..2203A16998*	5	5	0	P FS 0	DATA BASE ENTRY	29NOV91	5DEC91
..2203A44998	5	5	0	P FS 0	DATA BASE ENTRY	29NOV91	5DEC91
..2204A81000*	81	81	0	S SS 0	OU2 BL RISK ASSESSMENT	6DEC91	27MAR92
..2204A81050*	25	25	0	S SS 10	PERFORM FATE & TRAN CALCS	30DEC91	31JAN92
..2204A81120*	20	20	0	S FS 0	DETER. CHEMICALS OF CONCERN	6JAN92	31JAN92
2204A81120	20	20	0	22	DETER. CHEMICALS OF CONCERN	6JAN92	31JAN92
..2204A81100*	21	21	0	P FS 0	EVALUATE DATA FOR OU2 RISK ASSMT	6DEC91	3JAN92
..2204A81130*	20	20	0	S FS 0	EVAL. EXP./RISK/TOXICITY	3FEB92	28FEB92
2204A81130	20	20	0	22	EVAL. EXP./RISK/TOXICITY	3FEB92	28FEB92
..2204A81050	25	25	0	P FS 0	PERFORM FATE & TRAN CALCS	30DEC91	31JAN92
..2204A81120*	20	20	0	P FS 0	DETER. CHEMICALS OF CONCERN	6JAN92	31JAN92
..2204A81140*	20	20	0	S FS 0	PREPARE OU2 RA REPORT	2MAR92	27MAR92
2204A81140	20	20	0	22	PREPARE OU2 RA REPORT	2MAR92	27MAR92
..2204A81000*	81	81	0	P FF 0	OU2 BL RISK ASSESSMENT	6DEC91	27MAR92
..2204A81130*	20	20	0	P FS 0	EVAL. EXP./RISK/TOXICITY	3FEB92	28FEB92
..2204A81150*	5	5	0	S FS 0	INTERNAL REVIEW OF OU2 RA	30MAR92	3APR92
2204A81150	5	5	0	22	INTERNAL REVIEW OF OU2 RA	30MAR92	3APR92
..2204A81140*	20	20	0	P FS 0	PREPARE OU2 RA REPORT	2MAR92	27MAR92
..2206A25104*	15	15	0	S FF 5	PREPARE INTERNAL DRAFT RI REPORT	23MAR92	10APR92
TREATABILITY STUDIES							
2205A31101	21	0	100	22	TREATABILITY WORK PLANS	1APR91A	1MAY91A
..2205A02000*	116	21	82	S SS 0	TREATABILITY STUDIES	1APR91A	2NOV92
..2205A31103	15	0	100	S FS 0	INTERNAL REVIEW OF WORK PLAN	2MAY91A	23MAY91A
..2205A31105	1	0	100	S FS 0	SUBMIT WORK PLANS TO DOE	31MAY91A	31MAY91A

ACTIVITY ID	ORIG DUR	REM DUR	%			CODE	ACTIVITY DESCRIPTION	LATE START	LATE FINISH
TREATABILITY STUDIES									
2205A31103	15	0	100			22	INTERNAL REVIEW OF WORK PLAN	2MAY91A	23MAY91A
..2205A31101	21	0	100	P	FS	0	TREATABILITY WORK PLANS	1APR91A	1MAY91A
..2205A31104	5	0	100	S	FS	0	INCORPORATE COMMENTS	24MAY91A	30MAY91A
..2205A31105	1	0	100	S	FS	0	SUBMIT WORK PLANS TO DOE	31MAY91A	31MAY91A
2205A31104	5	0	100			22	INCORPORATE COMMENTS	24MAY91A	30MAY91A
..2205A31103	15	0	100	P	FS	0	INTERNAL REVIEW OF WORK PLAN	2MAY91A	23MAY91A
..2205A31105	1	0	100	S	FS	0	SUBMIT WORK PLANS TO DOE	31MAY91A	31MAY91A
2205A31105	1	0	100			22	SUBMIT WORK PLANS TO DOE	31MAY91A	31MAY91A
..2205A31101	21	0	100	P	FS	0	TREATABILITY WORK PLANS	1APR91A	1MAY91A
..2205A31103	15	0	100	P	FS	0	INTERNAL REVIEW OF WORK PLAN	2MAY91A	23MAY91A
..2205A31104	5	0	100	P	FS	0	INCORPORATE COMMENTS	24MAY91A	30MAY91A
..2205A31110	21	0	100	S	FS	0	DOE REVIEW OF WORK PLANS	3JUN91A	8JUL91A
2205A31110	21	0	100			22	DOE REVIEW OF WORK PLANS	3JUN91A	8JUL91A
..2205A31105	1	0	100	P	FS	0	SUBMIT WORK PLANS TO DOE	31MAY91A	31MAY91A
..2205A31115	21	0	100	S	FS	0	INCORPORATE COMMENTS	8JUL91A	29JUL91A
2205A31115	21	0	100			22	INCORPORATE COMMENTS	8JUL91A	29JUL91A
..2205A31110	21	0	100	P	FS	0	DOE REVIEW OF WORK PLANS	3JUN91A	8JUL91A
..2205A31120	1	0	100	S	FS	0	SUBMIT WORK PLANS TO EPA	30JUL91A	30JUL91A
2205A31120	1	0	100			22	SUBMIT WORK PLANS TO EPA	30JUL91A	30JUL91A
..2205A31115	21	0	100	P	FS	0	INCORPORATE COMMENTS	8JUL91A	29JUL91A
..2205A31125	21	13	38	S	FS	0	EPA REVIEW OF OU2 TS WORK PLAN	31JUL91A	28AUG91
2205A31125	21	13	38			22	EPA REVIEW OF OU2 TS WORK PLAN	31JUL91A	28AUG91
..2205A31120	1	0	100	P	FS	0	SUBMIT WORK PLANS TO EPA	30JUL91A	30JUL91A
..2205A31130*	10	10	0	S	FS	0	INCORPORATE EPA COMMENTS	29AUG91	11SEP91
..2205A31150	95	95	0	S	FS	0	PHASE 1 ACTIVITIES	2SEP91	10JAN92
2205A31130	10	10	0			22	INCORPORATE EPA COMMENTS	29AUG91	11SEP91
..2205A31125*	21	13	38	P	FS	0	EPA REVIEW OF OU2 TS WORK PLAN	31JUL91A	28AUG91
..2205A31135*	1	1	0	S	FS	0	RE-SUBMIT WORK PLANS TO EPA	12SEP91	12SEP91
2205A31135	1	1	0			22	RE-SUBMIT WORK PLANS TO EPA	12SEP91	12SEP91
..2205A31130*	10	10	0	P	FS	0	INCORPORATE EPA COMMENTS	29AUG91	11SEP91
..2205A31140*	10	10	0	S	FS	0	EPA REVIEW & APPROVAL	13SEP91	26SEP91
2205A31140	10	10	0			22	EPA REVIEW & APPROVAL	13SEP91	26SEP91
..2205A31135*	1	1	0	P	FS	0	RE-SUBMIT WORK PLANS TO EPA	12SEP91	12SEP91
..2205A31155	95	95	0	S	FF	0	PHASE 2 ACTIVITIES	18NOV91	27MAR92

ACTIVITY ID	ORIG DUR	REM DUR	%	CODE	ACTIVITY DESCRIPTION	LATE START	LATE FINISH
TREATABILITY STUDIES							
2205A31145	15	15	0	22	SAMPLE RECEIPT	12AUG91	30AUG91
..2203A16544	40	1	98	P FS 0	19 BORINGS	11JUN91A	10AUG91
..2205A31150*	95	95	0	S FS 0	PHASE 1 ACTIVITIES	2SEP91	10JAN92
2205A31150	95	95	0	22	PHASE 1 ACTIVITIES	2SEP91	10JAN92
..2205A31125	21	13	38	P FS 0	EPA REVIEW OF OU2 TS WORK PLAN	31JUL91A	28AUG91
..2205A31145*	15	15	0	P FS 0	SAMPLE RECEIPT	12AUG91	30AUG91
..2205A31155*	95	95	0	S SS 55	PHASE 2 ACTIVITIES	18NOV91	27MAR92
2205A31155	95	95	0	22	PHASE 2 ACTIVITIES	18NOV91	27MAR92
..2205A31140	10	10	0	P FF 0	EPA REVIEW & APPROVAL	13SEP91	26SEP91
..2205A31150*	95	95	0	P SS 55	PHASE 1 ACTIVITIES	2SEP91	10JAN92
..2205A31180*	30	30	0	S FS 0	TREATABILITY STUDIES REPORT	2JUN92	13JUL92
..2315A30103*	36	36	0	S FS 10	PERFORM F/T MODELING	13APR92	1JUN92
2205A31180	30	30	0	22	TREATABILITY STUDIES REPORT	2JUN92	13JUL92
..2205A31155*	95	95	0	P FS 0	PHASE 2 ACTIVITIES	18NOV91	27MAR92
..2315A30118	15	15	0	S FS 0	EVAL ALT EFFECTIVENESS	14JUL92	3AUG92
2205A31183	21	21	0	22	DOE/WMCO REVIEW AND COMMENT	5OCT92	2NOV92
..2205A02000*	116	21	82	P FF 0	TREATABILITY STUDIES	1APR91A	2NOV92
..2315A40130	5	5	0	S FF 0	INTERNAL REVIEW	27OCT92	2NOV92
REMEDIAL INVESTIGATION							
2206A25001	1	1	0	22	START OU2 RI	20DEC91	20DEC91
..2203A16998*	5	5	0	P FS 0	DATA BASE ENTRY	29NOV91	5DEC91
..2203A44998	5	5	0	P FS 0	DATA BASE ENTRY	29NOV91	5DEC91
..2206A25102*	5	5	0	S FS 0	OBTAIN VALIDATED FIELD ANALYSIS	16MAR92	20MAR92
..2206A25103*	65	65	0	S FS 0	REVISE SITE CHARACTR	23DEC91	20MAR92
2206A25102	5	5	0	22	OBTAIN VALIDATED FIELD ANALYSIS	16MAR92	20MAR92
..2206A25001*	1	1	0	P FS 0	START OU2 RI	20DEC91	20DEC91
..2206A25103	65	65	0	S FF 0	REVISE SITE CHARACTR	23DEC91	20MAR92
2206A25103	65	65	0	22	REVISE SITE CHARACTR	23DEC91	20MAR92
..2206A25001*	1	1	0	P FS 0	START OU2 RI	20DEC91	20DEC91
..2206A25102	5	5	0	P FF 0	OBTAIN VALIDATED FIELD ANALYSIS	16MAR92	20MAR92
..2206A02100*	100	100	0	S SS 0	REMEDIAL INVESTIGATION REPORT PREPARATION	23DEC91	22JUN92
..2206A25104	15	15	0	S FS 0	PREPARE INTERNAL DRAFT RI REPORT	23MAR92	10APR92
2206A25104	15	15	0	22	PREPARE INTERNAL DRAFT RI REPORT	23MAR92	10APR92
..2204A81150*	5	5	0	P FF 5	INTERNAL REVIEW OF OU2 RA	30MAR92	3APR92
..2206A25103	65	65	0	P FS 0	REVISE SITE CHARACTR	23DEC91	20MAR92
..2206A25105*	5	5	0	S FS 0	INTERNAL REVIEW	9JUN92	15JUN92

RI/FS PROJECT SCHEDULES | PRIMAVERA PROJECT PLANNER | FERNALD ENVIRONMENTAL MGMT. PROJECT

REPORT DATE 12SEP91 14:41 RUN NO. 474 | Prepared by ASI/IT Corp. | START DATE 31OCT90 FIN DATE 4MAY01

SCHED REP - DETAILED PRECEDENCE ANALYSIS OU 2 | DATA DATE 10AUG91 PAGE NO. 9

ACTIVITY ID	ORIG DUR	REM DUR	%	CODE	ACTIVITY DESCRIPTION	LATE START	LATE FINISH
..2315A30101*	30	30	0	S FS 0	REVISE ALTERNATIVES	13APR92	22MAY92
2206A25105	5	5	0	22	INTERNAL REVIEW	9JUN92	15JUN92
..2206A25104*	15	15	0	P FS 0	PREPARE INTERNAL DRAFT RI REPORT	23MAR92	10APR92
..2206A25110*	5	5	0	S FS 0	INCORP INTERNAL OU2 RI COMMENTS	16JUN92	22JUN92
2206A25110	5	5	0	22	INCORP INTERNAL OU2 RI COMMENTS	16JUN92	22JUN92
..2206A02100*	100	100	0	P FF 0	REMEDIAL INVESTIGATION REPORT PREPARATION	23DEC91	22JUN92
..2206A25105*	5	5	0	P FS 0	INTERNAL REVIEW	9JUN92	15JUN92
..2206A25501*	1	1	0	S FS 0	SUBMIT TO DOE	23JUN92	23JUN92
..2206A25505	21	21	0	S FS 0	DOE REVIEW AND COMMENT	24JUN92	22JUL92
2206A25501	1	1	0	22	SUBMIT TO DOE	23JUN92	23JUN92
..2206A25110*	5	5	0	P FS 0	INCORP INTERNAL OU2 RI COMMENTS	16JUN92	22JUN92
..2206A01010*	0	0	0	S SS 0	DELIVER DRAFT OU2 RI	20OCT92	
..2206A02500*	84	84	0	S SS 0	DOE RI REVIEW/REVISE/APPROVE	23JUN92	16OCT92
..2206A25505*	21	21	0	S FS 0	DOE REVIEW AND COMMENT	24JUN92	22JUL92
2206A25505	21	21	0	22	DOE REVIEW AND COMMENT	24JUN92	22JUL92
..2206A25110	5	5	0	P FS 0	INCORP INTERNAL OU2 RI COMMENTS	16JUN92	22JUN92
..2206A25501*	1	1	0	P FS 0	SUBMIT TO DOE	23JUN92	23JUN92
..2206A25508*	15	15	0	S FS 0	INCORPORATE DOE COMMENTS	23JUL92	12AUG92
2206A25508	15	15	0	22	INCORPORATE DOE COMMENTS	23JUL92	12AUG92
..2206A25505*	21	21	0	P FS 0	DOE REVIEW AND COMMENT	24JUN92	22JUL92
..2206A25509*	5	5	0	S FS 0	INTERNAL REVIEW OF REVISED DRAFT	13AUG92	19AUG92
2206A25509	5	5	0	22	INTERNAL REVIEW OF REVISED DRAFT	13AUG92	19AUG92
..2206A25508*	15	15	0	P FS 0	INCORPORATE DOE COMMENTS	23JUL92	12AUG92
..2206A25525*	21	21	0	S FS 0	EM-1 REVIEW AND COMMENT	20AUG92	17SEP92
2206A25525	21	21	0	22	EM-1 REVIEW AND COMMENT	20AUG92	17SEP92
..2206A25509*	5	5	0	P FS 0	INTERNAL REVIEW OF REVISED DRAFT	13AUG92	19AUG92
..2206A25530*	21	21	0	S FS 0	INCORPORATE EM-1 COMMENTS	18SEP92	16OCT92
2206A25530	21	21	0	22	INCORPORATE EM-1 COMMENTS	18SEP92	16OCT92
..2206A02500*	84	84	0	P FF 0	DOE RI REVIEW/REVISE/APPROVE	23JUN92	16OCT92
..2206A25525*	21	21	0	P FS 0	EM-1 REVIEW AND COMMENT	20AUG92	17SEP92
..2206A25601*	1	1	0	S FS 0	SUBMIT RI TO EPA	19OCT92	19OCT92
2206A25601	1	1	0	22	SUBMIT RI TO EPA	19OCT92	19OCT92
..2206A25530*	21	21	0	P FS 0	INCORPORATE EM-1 COMMENTS	18SEP92	16OCT92
..2206A01050*	0	0	0	S FF 0	DELIVER OU2 RI TO EPA		19OCT92
..2206A25610*	42	42	0	S FS 0	EPA REVIEW & COMMENT - OU2 RI	20OCT92	16DEC92

ACTIVITY ID	ORIG DUR	REM DUR	%	CODE	ACTIVITY DESCRIPTION	LATE START	LATE FINISH
REMEDIAL INVESTIGATION							
2206A25610	42	42	0		22 EPA REVIEW & COMMENT - OU2 RI	20OCT92	16DEC92
..0200A85701	5	5	0	P FS	0 PRINT AND DISTRIBUTE WORK PLANS	13OCT92	19OCT92
..2206A01010	0	0	0	P FS	0 DELIVER DRAFT OU2 RI	20OCT92	
..2206A01050*	0	0	0	P FS	0 DELIVER OU2 RI TO EPA		19OCT92
..2206A25601*	1	1	0	P FS	0 SUBMIT RI TO EPA	19OCT92	19OCT92
..2206A02600*	84	84	0	S SS	0 EPA RI REVIEW & APPROVE	20OCT92	12FEB93
..2206A25620*	21	21	0	S FS	0 RESPOND TO EPA COMMENTS	17DEC92	14JAN93
2206A25620	21	21	0		22 RESPOND TO EPA COMMENTS	17DEC92	14JAN93
..2206A25610*	42	42	0	P FS	0 EPA REVIEW & COMMENT - OU2 RI	20OCT92	16DEC92
..2206A25625*	21	21	0	S FS	0 EPA REVIEW AND APPROVE	15JAN93	12FEB93
2206A25625	21	21	0		22 EPA REVIEW AND APPROVE	15JAN93	12FEB93
..2206A02600*	84	84	0	P FF	0 EPA RI REVIEW & APPROVE	20OCT92	12FEB93
..2206A25620*	21	21	0	P FS	0 RESPOND TO EPA COMMENTS	17DEC92	14JAN93
..2206A25710*	12	12	0	S FS	0 INCORPORATE FINAL EPA COMMENTS	15FEB93	2MAR93
2206A25710	12	12	0		22 INCORPORATE FINAL EPA COMMENTS	15FEB93	2MAR93
..2206A25625*	21	21	0	P FS	0 EPA REVIEW AND APPROVE	15JAN93	12FEB93
..2206A02700*	20	20	0	S SS	0 PRINT AND DISTRIBUTE FINAL RI REPORT	15FEB93	12MAR93
..2206A25715*	3	3	0	S FS	0 INTERNAL REVIEW	3MAR93	5MAR93
2206A25715	3	3	0		22 INTERNAL REVIEW	3MAR93	5MAR93
..2206A25710*	12	12	0	P FS	0 INCORPORATE FINAL EPA COMMENTS	15FEB93	2MAR93
..2206A25720*	5	5	0	S FS	0 PRINT AND DIST FINAL REPORT	8MAR93	12MAR93
2206A25720	5	5	0		22 PRINT AND DIST FINAL REPORT	8MAR93	12MAR93
..2206A02700*	20	20	0	P FF	0 PRINT AND DISTRIBUTE FINAL RI REPORT	15FEB93	12MAR93
..2206A25715*	3	3	0	P FS	0 INTERNAL REVIEW	3MAR93	5MAR93
..2315A41605	1	1	0	S FS	0 SUBMIT EPA DRAFT FS/PP	15MAR93	15MAR93
INITIAL SCREENING OF ALTERNATIVES							
2312A09100	0	0	100		23 INITIAL SCREENING OF ALTERNATIVES		18APR91A
DETAILED ANALYSIS/COMP ANALYSIS							
2315A30101	30	30	0		23 REVISE ALTERNATIVES	13APR92	22MAY92
..2206A25104*	15	15	0	P FS	0 PREPARE INTERNAL DRAFT RI REPORT	23MAR92	10APR92
..2315A02100*	157	157	0	S SS	0 FEASIBILITY STUDY/PROP. PLN. REPORT PREPARATION	13APR92	16NOV92
..2315A30103	36	36	0	S SS	0 PERFORM F/T MODELING	13APR92	1JUN92
..2315A30115*	10	10	0	S FS	0 REVISE ALT DESCRIPTION	30JUN92	13JUL92
..2315A30123*	35	35	0	S FS	0 REVISE ALT COST ESTIMATE	16JUN92	3AUG92
..2316A82115*	15	15	0	S SS	0 INTEGRATE FINAL OU2 RA DATA	2JUN92	22JUN92

ACTIVITY ID	ORIG DUR	REM DUR	%	CODE	ACTIVITY DESCRIPTION	LATE START	LATE FINISH
DETAILED ANALYSIS/COMP ANALYSIS							
2315A30103	36	36	0	23	PERFORM F/T MODELING	13APR92	1JUN92
..2205A31155*	95	95	0 P FS	10	PHASE 2 ACTIVITIES	18NOV91	27MAR92
..2315A30101	30	30	0 P SS	0	REVISE ALTERNATIVES	13APR92	22MAY92
..2315A30105*	30	30	0 S FS	0	EVAL EXP/RISK/TOXICITY	2JUN92	13JUL92
2315A30105	30	30	0	23	EVAL EXP/RISK/TOXICITY	2JUN92	13JUL92
..2315A30103*	36	36	0 P FS	0	PERFORM F/T MODELING	13APR92	1JUN92
..2315A30108*	15	15	0 S SS	0	EVAL EXPOSURE DURING REM.	23JUN92	13JUL92
..2315A30111*	20	20	0 S FS	0	PREPARE FS-RA APPENDIX	28JUL92	24AUG92
..2315A30118*	15	15	0 S FS	0	EVAL ALT EFFECTIVENESS	14JUL92	3AUG92
..2315A30125*	30	30	0 S SS	10	NEPA ANALYSIS	16JUN92	27JUL92
2315A30108	15	15	0	23	EVAL EXPOSURE DURING REM.	23JUN92	13JUL92
..2315A30105*	30	30	0 P SS	0	EVAL EXP/RISK/TOXICITY	2JUN92	13JUL92
..2315A30118	15	15	0 S FS	0	EVAL ALT EFFECTIVENESS	14JUL92	3AUG92
2315A30111	20	20	0	23	PREPARE FS-RA APPENDIX	28JUL92	24AUG92
..2315A30105*	30	30	0 P FS	0	EVAL EXP/RISK/TOXICITY	2JUN92	13JUL92
..2315A30113*	10	10	0 S FS	0	INTERNAL REVIEW OF FS-RA	25AUG92	7SEP92
2315A30113	10	10	0	23	INTERNAL REVIEW OF FS-RA	25AUG92	7SEP92
..2315A30111*	20	20	0 P FS	0	PREPARE FS-RA APPENDIX	28JUL92	24AUG92
..2315A30131	15	15	0 S FS	0	PREPARE DAA CHAPTER	8SEP92	28SEP92
2315A30114	5	5	0	23	EVALUATE ETPSF IMACTS	28JUL92	3AUG92
..2315A30115*	10	10	0 P SS	0	REVISE ALT DESCRIPTION	30JUN92	13JUL92
..2315A30128	25	25	0 S FS	0	COMPARATIVE ANALYSIS	4AUG92	7SEP92
2315A30115	10	10	0	23	REVISE ALT DESCRIPTION	30JUN92	13JUL92
..2315A30101*	30	30	0 P FS	0	REVISE ALTERNATIVES	13APR92	22MAY92
..2315A30114*	5	5	0 S SS	0	EVALUATE ETPSF IMACTS	28JUL92	3AUG92
..2315A30118	15	15	0 S FS	0	EVAL ALT EFFECTIVENESS	14JUL92	3AUG92
2315A30118	15	15	0	23	EVAL ALT EFFECTIVENESS	14JUL92	3AUG92
..2205A31180	30	30	0 P FS	0	TREATABILITY STUDIES REPORT	2JUN92	13JUL92
..2315A30105*	30	30	0 P FS	0	EVAL EXP/RISK/TOXICITY	2JUN92	13JUL92
..2315A30108	15	15	0 P FS	0	EVAL EXPOSURE DURING REM.	23JUN92	13JUL92
..2315A30115	10	10	0 P FS	0	REVISE ALT DESCRIPTION	30JUN92	13JUL92
..2315A30121*	15	15	0 S SS	0	EVAL ALT IMPLEMENTABILITY	14JUL92	3AUG92
..2315A30128*	25	25	0 S FS	0	COMPARATIVE ANALYSIS	4AUG92	7SEP92
2315A30121	15	15	0	23	EVAL ALT IMPLEMENTABILITY	14JUL92	3AUG92
..2315A30118*	15	15	0 P SS	0	EVAL ALT EFFECTIVENESS	14JUL92	3AUG92
..2315A30128*	25	25	0 S FS	0	COMPARATIVE ANALYSIS	4AUG92	7SEP92

ACTIVITY ID	ORIG DUR	REM DUR	%	CODE	ACTIVITY DESCRIPTION	LATE START	LATE FINISH
DETAILED ANALYSIS/COMP ANALYSIS							
2315A30123	35	35	0	23	REVISE ALT COST ESTIMATE	16JUN92	3AUG92
..2315A30101*	30	30	0 P FS	0	REVISE ALTERNATIVES	13APR92	22MAY92
..2315A30128	25	25	0 S FS	0	COMPARATIVE ANALYSIS	4AUG92	7SEP92
2315A30125	30	30	0	23	NEPA ANALYSIS	16JUN92	27JUL92
..2315A30105*	30	30	0 P SS	10	EVAL EXP/RISK/TOXICITY	2JUN92	13JUL92
..2315A30127*	5	5	0 S FS	0	DOE/HQ EA-EIS KEY DECISION POINT	28JUL92	3AUG92
2315A30127	5	5	0	23	DOE/HQ EA-EIS KEY DECISION POINT	28JUL92	3AUG92
..2315A30125*	30	30	0 P FS	0	NEPA ANALYSIS	16JUN92	27JUL92
..2315A30128*	25	25	0 S FS	0	COMPARATIVE ANALYSIS	4AUG92	7SEP92
2315A30128	25	25	0	23	COMPARATIVE ANALYSIS	4AUG92	7SEP92
..2315A30114	5	5	0 P FS	0	EVALUATE ETPSF IMACTS	28JUL92	3AUG92
..2315A30118*	15	15	0 P FS	0	EVAL ALT EFFECTIVENESS	14JUL92	3AUG92
..2315A30121*	15	15	0 P FS	0	EVAL ALT IMPLEMENTABILITY	14JUL92	3AUG92
..2315A30123	35	35	0 P FS	0	REVISE ALT COST ESTIMATE	16JUN92	3AUG92
..2315A30127*	5	5	0 P FS	0	DOE/HQ EA-EIS KEY DECISION POINT	28JUL92	3AUG92
..2316A82125	10	10	0 P FS	0	UPDATE CUMULATIVE FS RA APPENDIX	21JUL92	3AUG92
..2315A30131*	15	15	0 S FS	0	PREPARE DAA CHAPTER	8SEP92	28SEP92
2315A30131	15	15	0	23	PREPARE DAA CHAPTER	8SEP92	28SEP92
..2315A30113	10	10	0 P FS	0	INTERNAL REVIEW OF FS-RA	25AUG92	7SEP92
..2315A30128*	25	25	0 P FS	0	COMPARATIVE ANALYSIS	4AUG92	7SEP92
..2315A40001*	0	0	0 S SS	0	PROGRAMATIC DECISION POINT	8SEP92	
FEASIBILITY STUDY							
2315A40001	0	0	0	23	PROGRAMATIC DECISION POINT	8SEP92	
..2315A30131*	15	15	0 P SS	0	PREPARE DAA CHAPTER	8SEP92	28SEP92
..2315A40107*	31	31	0 S FS	0	PREPARE INTERNAL DRAFT FS DOC.	14SEP92	26OCT92
..2315A40122*	15	15	0 S FS	0	PREPARE NEPA ANALYSIS CHAPTER	6OCT92	26OCT92
..2315A41201*	25	25	0 S FS	0	PREPARE INTERNAL DRAFT PP DOCUMENT	8SEP92	12OCT92
2315A40107	31	31	0	23	PREPARE INTERNAL DRAFT FS DOC.	14SEP92	26OCT92
..2315A40001*	0	0	0 P FS	0	PROGRAMATIC DECISION POINT	8SEP92	
..2315A40120*	10	10	0 S SS	0	PREPARE QA APPENDIX	13OCT92	26OCT92
..2315A40122*	15	15	0 S SS	0	PREPARE NEPA ANALYSIS CHAPTER	6OCT92	26OCT92
..2315A40130*	5	5	0 S FS	0	INTERNAL REVIEW	27OCT92	2NOV92
2315A40120	10	10	0	23	PREPARE QA APPENDIX	13OCT92	26OCT92
..2315A40107*	31	31	0 P SS	0	PREPARE INTERNAL DRAFT FS DOC.	14SEP92	26OCT92
..2315A40130	5	5	0 S FS	0	INTERNAL REVIEW	27OCT92	2NOV92

ACTIVITY ID	ORIG DUR	REM DUR	%	CODE	ACTIVITY DESCRIPTION	LATE START	LATE FINISH
..2315A30101*	30	30	0	S FS 0	REVISE ALTERNATIVES	13APR92	22MAY92
2206A25105	5	5	0	22	INTERNAL REVIEW	9JUN92	15JUN92
..2206A25104*	15	15	0	P FS 0	PREPARE INTERNAL DRAFT RI REPORT	23MAR92	10APR92
..2206A25110*	5	5	0	S FS 0	INCORP INTERNAL OU2 RI COMMENTS	16JUN92	22JUN92
2206A25110	5	5	0	22	INCORP INTERNAL OU2 RI COMMENTS	16JUN92	22JUN92
..2206A02100*	100	100	0	P FF 0	REMEDIAL INVESTIGATION REPORT PREPARATION	23DEC91	22JUN92
..2206A25105*	5	5	0	P FS 0	INTERNAL REVIEW	9JUN92	15JUN92
..2206A25501*	1	1	0	S FS 0	SUBMIT TO DOE	23JUN92	23JUN92
..2206A25505	21	21	0	S FS 0	DOE REVIEW AND COMMENT	24JUN92	22JUL92
2206A25501	1	1	0	22	SUBMIT TO DOE	23JUN92	23JUN92
..2206A25110*	5	5	0	P FS 0	INCORP INTERNAL OU2 RI COMMENTS	16JUN92	22JUN92
..2206A01010*	0	0	0	S SS 0	DELIVER DRAFT OU2 RI	20OCT92	
..2206A02500*	84	84	0	S SS 0	DOE RI REVIEW/REVISE/APPROVE	23JUN92	16OCT92
..2206A25505*	21	21	0	S FS 0	DOE REVIEW AND COMMENT	24JUN92	22JUL92
2206A25505	21	21	0	22	DOE REVIEW AND COMMENT	24JUN92	22JUL92
..2206A25110	5	5	0	P FS 0	INCORP INTERNAL OU2 RI COMMENTS	16JUN92	22JUN92
..2206A25501*	1	1	0	P FS 0	SUBMIT TO DOE	23JUN92	23JUN92
..2206A25508*	15	15	0	S FS 0	INCORPORATE DOE COMMENTS	23JUL92	12AUG92
2206A25508	15	15	0	22	INCORPORATE DOE COMMENTS	23JUL92	12AUG92
..2206A25505*	21	21	0	P FS 0	DOE REVIEW AND COMMENT	24JUN92	22JUL92
..2206A25509*	5	5	0	S FS 0	INTERNAL REVIEW OF REVISED DRAFT	13AUG92	19AUG92
2206A25509	5	5	0	22	INTERNAL REVIEW OF REVISED DRAFT	13AUG92	19AUG92
..2206A25508*	15	15	0	P FS 0	INCORPORATE DOE COMMENTS	23JUL92	12AUG92
..2206A25525*	21	21	0	S FS 0	EM-1 REVIEW AND COMMENT	20AUG92	17SEP92
2206A25525	21	21	0	22	EM-1 REVIEW AND COMMENT	20AUG92	17SEP92
..2206A25509*	5	5	0	P FS 0	INTERNAL REVIEW OF REVISED DRAFT	13AUG92	19AUG92
..2206A25530*	21	21	0	S FS 0	INCORPORATE EM-1 COMMENTS	18SEP92	16OCT92
2206A25530	21	21	0	22	INCORPORATE EM-1 COMMENTS	18SEP92	16OCT92
..2206A02500*	84	84	0	P FF 0	DOE RI REVIEW/REVISE/APPROVE	23JUN92	16OCT92
..2206A25525*	21	21	0	P FS 0	EM-1 REVIEW AND COMMENT	20AUG92	17SEP92
..2206A25601*	1	1	0	S FS 0	SUBMIT RI TO EPA	19OCT92	19OCT92
2206A25601	1	1	0	22	SUBMIT RI TO EPA	19OCT92	19OCT92
..2206A25530*	21	21	0	P FS 0	INCORPORATE EM-1 COMMENTS	18SEP92	16OCT92
..2206A01050*	0	0	0	S FF 0	DELIVER OU2 RI TO EPA		19OCT92
..2206A25610*	42	42	0	S FS 0	EPA REVIEW & COMMENT - OU2 RI	20OCT92	16DEC92

ACTIVITY ID	ORIG DUR	REM DUR	%	CODE	ACTIVITY DESCRIPTION	LATE START	LATE FINISH
PROPOSED PLAN							
2315A41504	21	21	0	23	DOE/WMCO REVIEW & COMMENT	18NOV92	16DEC92
..2315A41501*	1	1	0 P FS	0	SUBMIT DRAFT FS/PP TO DOE/WMCO	17NOV92	17NOV92
..2315A41516*	15	15	0 S FS	0	INCORPORATE DOE COMMENTS	17DEC92	6JAN93
2315A41516	15	15	0	23	INCORPORATE DOE COMMENTS	17DEC92	6JAN93
..2315A41504*	21	21	0 P FS	0	DOE/WMCO REVIEW & COMMENT	18NOV92	16DEC92
..2315A41517*	5	5	0 S FS	0	INTERNAL REVIEW	7JAN93	13JAN93
2315A41517	5	5	0	23	INTERNAL REVIEW	7JAN93	13JAN93
..2315A41516*	15	15	0 P FS	0	INCORPORATE DOE COMMENTS	17DEC92	6JAN93
..2315A41530*	0	0	0 S FS	0	SUBMIT DRAFT FS/PP TO EM-1		13JAN93
2315A41530	0	0	0	23	SUBMIT DRAFT FS/PP TO EM-1		13JAN93
..2315A41517*	5	5	0 P FS	0	INTERNAL REVIEW	7JAN93	13JAN93
..2315A41532*	21	21	0 S FS	0	EM-1 REVIEW & APPROVE	14JAN93	11FEB93
2315A41532	21	21	0	23	EM-1 REVIEW & APPROVE	14JAN93	11FEB93
..2315A41530*	0	0	0 P FS	0	SUBMIT DRAFT FS/PP TO EM-1		13JAN93
..2315A41535*	21	21	0 S FS	0	INCORPORATE EM-1 COMMENTS	12FEB93	12MAR93
2315A41535	21	21	0	23	INCORPORATE EM-1 COMMENTS	12FEB93	12MAR93
..2315A02500*	84	84	0 P FF	0	DOE FS/PP REVIEW/REVISE/APPROVE	17NOV92	12MAR93
..2315A41532*	21	21	0 P FS	0	EM-1 REVIEW & APPROVE	14JAN93	11FEB93
..2315A41605*	1	1	0 S FS	0	SUBMIT EPA DRAFT FS/PP	15MAR93	15MAR93
2315A41605	1	1	0	23	SUBMIT EPA DRAFT FS/PP	15MAR93	15MAR93
..2206A25720	5	5	0 P FS	0	PRINT AND DIST FINAL REPORT	8MAR93	12MAR93
..2315A41535*	21	21	0 P FS	0	INCORPORATE EM-1 COMMENTS	12FEB93	12MAR93
..2315A02600*	86	86	0 S SS	0	EPA FS/PP REVIEW/REVISE/APPROVE	15MAR93	12JUL93
..2315A41606*	42	42	0 S FS	0	EPA REVIEW & COMMENT	16MAR93	12MAY93
2315A41606	42	42	0	23	EPA REVIEW & COMMENT	16MAR93	12MAY93
..2315A41605*	1	1	0 P FS	0	SUBMIT EPA DRAFT FS/PP	15MAR93	15MAR93
..2315A41607*	15	15	0 S FS	0	INCORPORATE EPA COMMENTS	13MAY93	2JUN93
..2317A42101*	15	15	0 S SS	0	DRAFT NOTICE OF AVAILABILITY (NOA)	5APR93	23APR93
2315A41607	15	15	0	23	INCORPORATE EPA COMMENTS	13MAY93	2JUN93
..2315A41606*	42	42	0 P FS	0	EPA REVIEW & COMMENT	16MAR93	12MAY93
..2315A41608*	5	5	0 S FS	0	INTERNAL REVIEW	3JUN93	9JUN93
2315A41608	5	5	0	23	INTERNAL REVIEW	3JUN93	9JUN93
..2315A41607*	15	15	0 P FS	0	INCORPORATE EPA COMMENTS	13MAY93	2JUN93
..2315A41609*	1	1	0 S FS	0	SUBMIT DRAFT FINAL REPORT TO DOE	10JUN93	10JUN93

ACTIVITY ID	ORIG DUR	REM DUR	%	CODE	ACTIVITY DESCRIPTION	LATE START	LATE FINISH
FEASIBILITY STUDY							
2315A40122	15	15	0	23	PREPARE NEPA ANALYSIS CHAPTER	6OCT92	26OCT92
..2315A40001*	0	0	0 P FS	0	PROGRAMATIC DECISION POINT	8SEP92	
..2315A40107*	31	31	0 P SS	0	PREPARE INTERNAL DRAFT FS DOC.	14SEP92	26OCT92
..2315A40130	5	5	0 S FS	0	INTERNAL REVIEW	27OCT92	2NOV92
2315A40130	5	5	0	23	INTERNAL REVIEW	27OCT92	2NOV92
..2205A31183	21	21	0 P FF	0	DOE/WMCO REVIEW AND COMMENT	5OCT92	2NOV92
..2315A40107*	31	31	0 P FS	0	PREPARE INTERNAL DRAFT FS DOC.	14SEP92	26OCT92
..2315A40120	10	10	0 P FS	0	PREPARE QA APPENDIX	13OCT92	26OCT92
..2315A40122	15	15	0 P FS	0	PREPARE NEPA ANALYSIS CHAPTER	6OCT92	26OCT92
..2315A40131*	10	10	0 S FS	0	INCORPORATE INTERNAL REVIEW COMMENTS	3NOV92	16NOV92
2315A40131	10	10	0	23	INCORPORATE INTERNAL REVIEW COMMENTS	3NOV92	16NOV92
..2315A40130*	5	5	0 P FS	0	INTERNAL REVIEW	27OCT92	2NOV92
..2315A41501	1	1	0 S FS	0	SUBMIT DRAFT FS/PP TO DOE/WMCO	17NOV92	17NOV92
PROPOSED PLAN							
2315A41201	25	25	0	23	PREPARE INTERNAL DRAFT PP DOCUMENT	8SEP92	12OCT92
..2315A40001*	0	0	0 P FS	0	PROGRAMATIC DECISION POINT	8SEP92	
..2315A41202*	10	10	0 S FS	0	COMMUNITY RELATIONS REVIEW & COMMENT	13OCT92	26OCT92
..2315A41203*	5	5	0 S FS	0	INTERNAL REVIEW	20OCT92	26OCT92
2315A41202	10	10	0	23	COMMUNITY RELATIONS REVIEW & COMMENT	13OCT92	26OCT92
..2315A41201*	25	25	0 P FS	0	PREPARE INTERNAL DRAFT PP DOCUMENT	8SEP92	12OCT92
..2315A41208*	15	15	0 S FS	0	INCORPORATE FS/PP INTERNAL REVIEW COMMENTS	27OCT92	16NOV92
2315A41203	5	5	0	23	INTERNAL REVIEW	20OCT92	26OCT92
..2315A41201*	25	25	0 P FS	0	PREPARE INTERNAL DRAFT PP DOCUMENT	8SEP92	12OCT92
..2315A41208	15	15	0 S FS	0	INCORPORATE FS/PP INTERNAL REVIEW COMMENTS	27OCT92	16NOV92
2315A41208	15	15	0	23	INCORPORATE FS/PP INTERNAL REVIEW COMMENTS	27OCT92	16NOV92
..2315A02100*	157	157	0 P FF	0	FEASIBILITY STUDY/PROP. PLN. REPORT PREPARATION	13APR92	16NOV92
..2315A41202*	10	10	0 P FS	0	COMMUNITY RELATIONS REVIEW & COMMENT	13OCT92	26OCT92
..2315A41203	5	5	0 P FS	0	INTERNAL REVIEW	20OCT92	26OCT92
..2315A41501*	1	1	0 S FS	0	SUBMIT DRAFT FS/PP TO DOE/WMCO	17NOV92	17NOV92
2315A41501	1	1	0	23	SUBMIT DRAFT FS/PP TO DOE/WMCO	17NOV92	17NOV92
..2315A40131	10	10	0 P FS	0	INCORPORATE INTERNAL REVIEW COMMENTS	3NOV92	16NOV92
..2315A41208*	15	15	0 P FS	0	INCORPORATE FS/PP INTERNAL REVIEW COMMENTS	27OCT92	16NOV92
..2315A02500*	84	84	0 S SS	0	DOE FS/PP REVIEW/REVISE/APPROVE	17NOV92	12MAR93
..2315A41504*	21	21	0 S FS	0	DOE/WMCO REVIEW & COMMENT	18NOV92	16DEC92
..2319A50060*	42	42	0 S FS	0	PREPARE DECISION SUMMARY	8JUL93	3SEP93

ACTIVITY ID	ORIG DUR	REM DUR	%	CODE	ACTIVITY DESCRIPTION	LATE START	LATE FINISH
FS RISK ASSESSMENT							
2316A82125	10	10	0	23	UPDATE CUMULATIVE FS RA APPENDIX	21JUL92	3AUG92
..2316A82100*	45	45	0	P FF 0	PREPARE PRELIMINARY CUMULATIVE FSRA	2JUN92	3AUG92
..2316A82123*	5	5	0	P FS 0	UPDATE EVALUATION OF RISKS	14JUL92	20JUL92
..2315A30128	25	25	0	S FS 0	COMPARATIVE ANALYSIS	4AUG92	7SEP92
DRAFT NOTICE OF AVAILABILITY							
2317A42101	15	15	0	23	DRAFT NOTICE OF AVAILABILITY (NOA)	5APR93	23APR93
..2315A41606*	42	42	0	P SS 0	EPA REVIEW & COMMENT	16MAR93	12MAY93
..2317A42103*	30	30	0	S FS 0	DOE/HQ REVIEW AND COMMENT ON NOA	26APR93	4JUN93
2317A42103	30	30	0	23	DOE/HQ REVIEW AND COMMENT ON NOA	26APR93	4JUN93
..2317A42101*	15	15	0	P FS 0	DRAFT NOTICE OF AVAILABILITY (NOA)	5APR93	23APR93
..2317A42105*	15	15	0	S FS 0	INCORPORATE DOE NOA COMMENTS	7JUN93	25JUN93
2317A42105	15	15	0	23	INCORPORATE DOE NOA COMMENTS	7JUN93	25JUN93
..2317A42103*	30	30	0	P FS 0	DOE/HQ REVIEW AND COMMENT ON NOA	26APR93	4JUN93
..2317A42107*	30	30	0	S FS 0	PRINT AND REPRODUCE NOA	28JUN93	6AUG93
2317A42107	30	30	0	23	PRINT AND REPRODUCE NOA	28JUN93	6AUG93
..2317A42105*	15	15	0	P FS 0	INCORPORATE DOE NOA COMMENTS	7JUN93	25JUN93
..2317A42109*	15	15	0	S FS 0	PUBLISH NOA	9AUG93	27AUG93
2317A42109	15	15	0	23	PUBLISH NOA	9AUG93	27AUG93
..2317A42107*	30	30	0	P FS 0	PRINT AND REPRODUCE NOA	28JUN93	6AUG93
..2318A40030	32	32	0	S FS 0	PUBLIC COMMENT PERIOD	30AUG93	12OCT93
FEASIBILITY STUDY							
2318A40020	14	14	0	23	ISSUE NOTICE TO PUBLIC	10AUG93	27AUG93
..2315A41713*	5	5	0	P FS 0	PRINT & DISTR. FINAL FS/PP REPORT	3AUG93	9AUG93
..2318A02100*	67	67	0	S SS 0	PUBLIC COMMENT	10AUG93	10NOV93
..2318A40025*	32	32	0	S SS 0	EPA NEPA COORDINATOR EIS REVIEW	30AUG93	12OCT93
..2318A40030*	32	32	0	S FS 0	PUBLIC COMMENT PERIOD	30AUG93	12OCT93
2318A40025	32	32	0	23	EPA NEPA COORDINATOR EIS REVIEW	30AUG93	12OCT93
..2318A40020*	14	14	0	P SS 0	ISSUE NOTICE TO PUBLIC	10AUG93	27AUG93
..2318A40100	21	21	0	S FS 0	EVAL & RESPOND TO PUBLIC COMMENTS	13OCT93	10NOV93
2318A40030	32	32	0	23	PUBLIC COMMENT PERIOD	30AUG93	12OCT93
..2317A42109	15	15	0	P FS 0	PUBLISH NOA	9AUG93	27AUG93
..2318A40020*	14	14	0	P FS 0	ISSUE NOTICE TO PUBLIC	10AUG93	27AUG93
..2318A40100*	21	21	0	S FS 0	EVAL & RESPOND TO PUBLIC COMMENTS	13OCT93	10NOV93
2318A40100	21	21	0	23	EVAL & RESPOND TO PUBLIC COMMENTS	13OCT93	10NOV93
..2318A02100*	67	67	0	P FF 0	PUBLIC COMMENT	10AUG93	10NOV93

ACTIVITY ID	ORIG DUR	REM DUR	%	CODE	ACTIVITY DESCRIPTION	LATE START	LATE FINISH
PROPOSED PLAN							
2315A41609	1	1	0	23	SUBMIT DRAFT FINAL REPORT TO DOE	10JUN93	10JUN93
..2315A41608*	5	5	0 P FS	0	INTERNAL REVIEW	3JUN93	9JUN93
..2315A41615*	1	1	0 S FS	0	SUBMIT DRAFT FINAL REPORT TO EPA	11JUN93	11JUN93
2315A41615	1	1	0	23	SUBMIT DRAFT FINAL REPORT TO EPA	11JUN93	11JUN93
..2315A41609*	1	1	0 P FS	0	SUBMIT DRAFT FINAL REPORT TO DOE	10JUN93	10JUN93
..2315A41620*	21	21	0 S FS	0	EPA REVIEW & APPROVAL	14JUN93	12JUL93
2315A41620	21	21	0	23	EPA REVIEW & APPROVAL	14JUN93	12JUL93
..2315A02600*	86	86	0 P FF	0	EPA FS/PP REVIEW/REVISE/APPROVE	15MAR93	12JUL93
..2315A41615*	1	1	0 P FS	0	SUBMIT DRAFT FINAL REPORT TO EPA	11JUN93	11JUN93
..2315A41710*	12	12	0 S FS	0	INCORPORATE EPA FINAL COMMENTS	13JUL93	28JUL93
2315A41710	12	12	0	23	INCORPORATE EPA FINAL COMMENTS	13JUL93	28JUL93
..2315A41620*	21	21	0 P FS	0	EPA REVIEW & APPROVAL	14JUN93	12JUL93
..2315A02700*	20	20	0 S SS	0	PRINT AND DISTRIBUTE FINAL FS/PP REPORT	13JUL93	9AUG93
..2315A41712*	3	3	0 S FS	0	INTERNAL REVIEW OF FINAL FS/PP	29JUL93	2AUG93
2315A41712	3	3	0	23	INTERNAL REVIEW OF FINAL FS/PP	29JUL93	2AUG93
..2315A41710*	12	12	0 P FS	0	INCORPORATE EPA FINAL COMMENTS	13JUL93	28JUL93
..2315A41713*	5	5	0 S FS	0	PRINT & DISTR. FINAL FS/PP REPORT	3AUG93	9AUG93
2315A41713	5	5	0	23	PRINT & DISTR. FINAL FS/PP REPORT	3AUG93	9AUG93
..2315A02700*	20	20	0 P FF	0	PRINT AND DISTRIBUTE FINAL FS/PP REPORT	13JUL93	9AUG93
..2315A41712*	3	3	0 P FS	0	INTERNAL REVIEW OF FINAL FS/PP	29JUL93	2AUG93
..2318A40020*	14	14	0 S FS	0	ISSUE NOTICE TO PUBLIC	10AUG93	27AUG93
FS RISK ASSESSMENT							
2316A82115	15	15	0	23	INTEGRATE FINAL OU2 RA DATA	2JUN92	22JUN92
..2315A30101*	30	30	0 P SS	0	REVISE ALTERNATIVES	13APR92	22MAY92
..2316A82100*	45	45	0 S SS	0	PREPARE PRELIMINARY CUMULATIVE FSRA	2JUN92	3AUG92
..2316A82118*	5	5	0 S FS	0	UPDATE SITEWIDE RME	23JUN92	29JUN92
2316A82118	5	5	0	23	UPDATE SITEWIDE RME	23JUN92	29JUN92
..2316A82115*	15	15	0 P FS	0	INTEGRATE FINAL OU2 RA DATA	2JUN92	22JUN92
..2316A82121*	10	10	0 S FS	0	UPDATE EVAL OF CHEMICALS OF CONCERN	30JUN92	13JUL92
2316A82121	10	10	0	23	UPDATE EVAL OF CHEMICALS OF CONCERN	30JUN92	13JUL92
..2316A82118*	5	5	0 P FS	0	UPDATE SITEWIDE RME	23JUN92	29JUN92
..2316A82123*	5	5	0 S FS	0	UPDATE EVALUATION OF RISKS	14JUL92	20JUL92
2316A82123	5	5	0	23	UPDATE EVALUATION OF RISKS	14JUL92	20JUL92
..2316A82121*	10	10	0 P FS	0	UPDATE EVAL OF CHEMICALS OF CONCERN	30JUN92	13JUL92
..2316A82125*	10	10	0 S FS	0	UPDATE CUMULATIVE FS RA APPENDIX	21JUL92	3AUG92

ACTIVITY ID	ORIG DUR	REM DUR	%			CODE	ACTIVITY DESCRIPTION	LATE START	LATE FINISH
..2319A50550*	20	20	0	P	FS	0	INCORP DOE/WMCO COMMENTS OU2 DRAFT ROD	13OCT93	9NOV93
..2319A50592*	21	21	0	S	FS	0	EM-1 REVIEW, REVISE & APPROVE	11NOV93	9DEC93
2319A50592	21	21	0			23	EM-1 REVIEW, REVISE & APPROVE	11NOV93	9DEC93
..2319A50560*	1	1	0	P	FS	0	SUBMIT REVISED DRAFT TO DOE	10NOV93	10NOV93
..2319A50600*	1	1	0	S	FS	0	DOE SUBMIT OU2 EPA DRAFT ROD TO EPA	10DEC93	10DEC93
2319A50600	1	1	0			23	DOE SUBMIT OU2 EPA DRAFT ROD TO EPA	10DEC93	10DEC93
..2319A02500*	231	231	0	P	FF	0	DOE DRAFT ROD REVIEW/REVISE/APPROVE	13SEP93	10DEC93
..2319A50000*	278	278	0	P	FF	0	RECORD OF DECISION	8JUL93	10DEC93
..2319A50592*	21	21	0	P	FS	0	EM-1 REVIEW, REVISE & APPROVE	11NOV93	9DEC93
..2319A01070*	0	0	0	S	FS	0	DELIVER OU2 DRAFT ROD TO EPA		10DEC93*

ACTIVITY ID	ORIG DUR	REM DUR	%	CODE		ACTIVITY DESCRIPTION	LATE START	LATE FINISH
..2318A40025	32	32	0	P FS	0	EPA NEPA COORDINATOR EIS REVIEW	30AUG93	12OCT93
..2318A40030*	32	32	0	P FS	0	PUBLIC COMMENT PERIOD	30AUG93	12OCT93
..2319A50070*	0	0	0	S FS	-1	INCORP RESPONSIVENESS SUMMARY	10NOV93	
..2319A50550*	20	20	0	S SS	0	INCORP DOE/WMCO COMMENTS OU2 DRAFT ROD	13OCT93	9NOV93
DRAFT ROD								
2319A50060	42	42	0		23	PREPARE DECISION SUMMARY	8JUL93	3SEP93
..2315A41501*	1	1	0	P FS	0	SUBMIT DRAFT FS/PP TO DOE/WMCO	17NOV92	17NOV92
..2319A02100*	48	48	0	S SS	0	DRAFT ROD PREPARATION	8JUL93	13SEP93
..2319A50000*	278	278	0	S SS	0	RECORD OF DECISION	8JUL93	10DEC93
..2319A50071*	21	21	0	S SS	0	PREPARE DECLARATION SUMMARY	6AUG93	3SEP93
..2319A50100*	5	5	0	S FS	0	INTERNAL REVIEW	6SEP93	10SEP93
2319A50070	0	0	0		23	INCORP RESPONSIVENESS SUMMARY	10NOV93	
..2318A40100*	21	21	0	P FS	-1	EVAL & RESPOND TO PUBLIC COMMENTS	13OCT93	10NOV93
..2319A50560*	1	1	0	S SS	0	SUBMIT REVISED DRAFT TO DOE	10NOV93	10NOV93
2319A50071	21	21	0		23	PREPARE DECLARATION SUMMARY	6AUG93	3SEP93
..2319A50060*	42	42	0	P SS	0	PREPARE DECISION SUMMARY	8JUL93	3SEP93
..2319A50100	5	5	0	S FS	0	INTERNAL REVIEW	6SEP93	10SEP93
2319A50100	5	5	0		23	INTERNAL REVIEW	6SEP93	10SEP93
..2319A50060*	42	42	0	P FS	0	PREPARE DECISION SUMMARY	8JUL93	3SEP93
..2319A50071	21	21	0	P FS	0	PREPARE DECLARATION SUMMARY	6AUG93	3SEP93
..2319A50501*	1	1	0	S FS	0	SUBMIT DRAFT TO DOE/WMCO	13SEP93	13SEP93
2319A50501	1	1	0		23	SUBMIT DRAFT TO DOE/WMCO	13SEP93	13SEP93
..2319A02100*	48	48	0	P FF	0	DRAFT ROD PREPARATION	8JUL93	13SEP93
..2319A50100*	5	5	0	P FS	0	INTERNAL REVIEW	6SEP93	10SEP93
..2319A01010*	0	0	0	S FS	0	DELIVER OU2 DRAFT ROD TO DOE	14SEP93	
..2319A02500*	231	231	0	S SS	0	DOE DRAFT ROD REVIEW/REVISE/APPROVE	13SEP93	10DEC93
..2319A50530*	21	21	0	S FS	0	DOE/WMCO REVIEW & COMMENT	14SEP93	12OCT93
2319A50530	21	21	0		23	DOE/WMCO REVIEW & COMMENT	14SEP93	12OCT93
..2319A01010*	0	0	0	P FS	0	DELIVER OU2 DRAFT ROD TO DOE	14SEP93	
..2319A50501*	1	1	0	P FS	0	SUBMIT DRAFT TO DOE/WMCO	13SEP93	13SEP93
..2319A50550	20	20	0	S FS	0	INCORP DOE/WMCO COMMENTS OU2 DRAFT ROD	13OCT93	9NOV93
2319A50550	20	20	0		23	INCORP DOE/WMCO COMMENTS OU2 DRAFT ROD	13OCT93	9NOV93
..2318A40100*	21	21	0	P SS	0	EVAL & RESPOND TO PUBLIC COMMENTS	13OCT93	10NOV93
..2319A50530	21	21	0	P FS	0	DOE/WMCO REVIEW & COMMENT	14SEP93	12OCT93
..2319A50560*	1	1	0	S FS	0	SUBMIT REVISED DRAFT TO DOE	10NOV93	10NOV93
2319A50560	1	1	0		23	SUBMIT REVISED DRAFT TO DOE	10NOV93	10NOV93
..2319A50070*	0	0	0	P SS	0	INCORP RESPONSIVENESS SUMMARY	10NOV93	

ACTIVITY ID	ORIG DUR	REM DUR	%			CODE	ACTIVITY DESCRIPTION	LATE START	LATE FINISH
..2319A50550*	20	20	0	P	FS	0	INCORP DOE/WMCO COMMENTS OU2 DRAFT ROD	13OCT93	9NOV93
..2319A50592*	21	21	0	S	FS	0	EM-1 REVIEW, REVISE & APPROVE	11NOV93	9DEC93
2319A50592	21	21	0			23	EM-1 REVIEW, REVISE & APPROVE	11NOV93	9DEC93
..2319A50560*	1	1	0	P	FS	0	SUBMIT REVISED DRAFT TO DOE	10NOV93	10NOV93
..2319A50600*	1	1	0	S	FS	0	DOE SUBMIT OU2 EPA DRAFT ROD TO EPA	10DEC93	10DEC93
2319A50600	1	1	0			23	DOE SUBMIT OU2 EPA DRAFT ROD TO EPA	10DEC93	10DEC93
..2319A02500*	231	231	0	P	FF	0	DOE DRAFT ROD REVIEW/REVISE/APPROVE	13SEP93	10DEC93
..2319A50000*	278	278	0	P	FF	0	RECORD OF DECISION	8JUL93	10DEC93
..2319A50592*	21	21	0	P	FS	0	EM-1 REVIEW, REVISE & APPROVE	11NOV93	9DEC93
..2319A01070*	0	0	0	S	FS	0	DELIVER OU2 DRAFT ROD TO EPA		10DEC93*

E-2297

Activity Description Library

000166

RI/FS Activity Description Library

2207

Sept.12, 1991

Activity Data:

Activity ID	**2203A02000**
Activity Title	***OPERABLE UNIT RELATED FIELD ACTIVITIES***
Start	**01-Mar-91A**
Finish	**04-Dec-91**

Remaining Duration	**83**	Revision #	**0**
Total Float	**-1**	Revision Date	**12-Sep-91**

Scope Description:

This is the hammock for completing the additional sampling of the OU2 waste areas as outlined in the FMPC RI/FS Work Plan Addendum dated March 20, 1991. It includes tasks associated with: site access, sampling permits and approval, sample collection, sample shipment, sample analysis, and data validation. OU2 field work includes:

- Installation of 5 borings and possibly 5 monitor wells (auger w/drill rig) in Sanitary Landfill.
- Installation of 4 borings (hand auger) in Lime Sludge Ponds.
- Installation of 4 borings (hand auger) in South Field.
- Installation of 4 borings and possibly 4 monitor wells (auger w/drill rig) in Inactive Fly Ash Disposal Area.
- Installation of 4 borings and possibly 4 monitor wells (auger w/drill rig) in Active Fly Ash Pile.

Assumptions:

No additional sampling is required outside of currently proposed program and no resampling due to data validation requirements.

No unanticipated delays or work stoppages.

Analytical turnaround time in 6 months.

The information collected in the field activities are required to support the RI Report and Detailed Analysis of Alternatives. Waste material collected in the field program will be used in performance of the treatability studies.

000167

RI/FS Activity Description Library

Sept.12, 1991

Activity Data:

Activity ID	2203A02001		
Activity Title	*OPERABLE UNIT RELATED FIELD ACTIVITIES*		
Start	01-Jul-91*A*		
Finish	02-Dec-91		
Remaining Duration	81	Revision #	0
Total Float	2	Revision Date	12-Sep-91

Scope Description:

This is a hammock for completing additional sampling of the Southfield. It includes tasks associated with site access, sampling permits and approval, sample collection, sample shipment, sample analysis, and data validation. These activities are in support of the additional field work for 4 borings. Samples will be analyzed for HSL contaminants.

Assumptions:

No additional sampling is required outside of currently proposed program.

No unanticipated delays or work stoppages.

Analytical turnaround time of six months.

Timely approval of the Work Plan.

000168

RI/FS Activity Description Library

2297

Sept.12, 1991

Activity Data:

Activity ID	2205A02000		
Activity Title	*TREATABILITY STUDIES*		
Start	01-Apr-91A		
Finish	09-Sep-91		
Remaining Duration	21	Revision #	0
Total Float	0	Revision Date	12-Sep-91

Scope Description:

This hammock includes all activities associated with work plan development, approval, performance, and reporting of study results. Treatability sampling will include: determining the amount of additional samples needed and obtaining the additional samples from the field; activities include equipment procurement, mobilization, borings, containerizing and shipping samples, and demobilizing. The treatability testing consists of laboratory experiments used to verify the effectiveness of proposed treatments for reducing the mobility of contaminants. Results of the treatability study tests (a secondary document) will be used as input data in the detailed analysis of alternatives.

Assumptions:

Adequate samples will be obtained from the field investigation.

Contingent on the collection and receipt of samples as scheduled.

Lab scale study will be performed using 12 tests of varying formulations of wastes and reagents. Analysis will consist of TCLP or modified TCLP, and compression tests.

One phase treatability programs provide adequate information for the detailed analysis of alternatives.

A schedule window is available at the laboratory to accomodate the schedule dates. Delays may occur if schedule lab start is not achieved.

TCLP and ANSI/ANS 16.1-1986 will only be used in the bench scale study.

A modified TCLP procedure is acceptable to U.S. EPA.

Two 120-page treatability study work plans will be prepared.

Two 150-page treatability study analytical result reports will be prepared.

Field sampling activities must be completed prior to initiation of treatability testing.

The results of the testing are necessary for completion of alternative evaluation in the detailed analysis. Leaching results are used in fate and transport modeling.

000169

RI/FS Activity Description Library

Sept.12, 1991

Activity Data:

Activity ID	**2206A01010**		
Activity Title	***DELIVER DRAFT OU2 RI***		
Start	**24-Apr-92**		
Finish			
Remaining Duration		Revision #	**0**
Total Float	**127**	Revision Date	**12-Sep-91**

Scope Description:

Deliver the Draft RI report to DOE-FSO which will subsequently deliver the document to U.S. EPA.

Assumptions:

Completion of DOE RI Review/Revise/Approve.

Completion of validation of all data prior to EPA review.

Data adequately characterizes material per EPA criteria.

Major policy, strategy, philosophical, and technical issues are resolved prior to issuing draft to EPA and conveyed to EPA reviewers.

000170

RI/FS Activity Description Library

2297

Sept.12, 1991

Activity Data:

Activity ID	2206A01050		
Activity Title	*DELIVER OU2 RI TO EPA*		
Start			
Finish	20-Aug-92		
Remaining Duration		Revision #	0
Total Float	42	Revision Date	12-Sep-91

Scope Description:

Delivery and distribution of the Draft OU2 RI to the U.S. EPA.

Assumptions:

Completion of DOE RI Review/Revise/Approve.

Completion of validation of all data prior to EPA review.

Data adequately characterizes material per EPA criteria.

Major policy, strategy, philosophical, and technical issues are resolved prior to issuing draft to EPA and conveyed to EPA reviewers.

000171

RI/FS Activity Description Library

Sept.12, 1991

Activity Data:

Activity ID	2206A02100		
Activity Title	*REMEDIAL INVESTIGATION REPORT PREPARATION*		
Start	06-Dec-91		
Finish	23-Apr-92		
Remaining Duration	100	Revision #	0
Total Float	11	Revision Date	12-Sep-91

Scope Description:

This is a schedule hammock including all activities associated with preparation of the OU2 RI report and Baseline Risk Assessment. An RI report will be prepared following the outline suggested in the U.S. EPA Guidance for Conducting Remedial Investigations and Feasibility Studies Under CERCLA (Directive 9355.3-02) and the Human Health Evaluation Manual (EPA/540/1-89/002). Whenever possible the RI Report will utilize material already prepared in support of the RI report which was underway prior to finalizing the new consent agreement. Major sections include:

- Introduction
- Study Area Investigation
- Physical Characteristics of the Study Area
- Nature and Extent of Contamination
- Contamination Fate and Transport
- Baseline Risk Assessment
- Appendices as required

The scope of the OU2 RI includes the Fly Ash Piles, other Southfield disposal areas, Lime Sludge Ponds, solid waste Landfill, berms, liners, and associated contaminated soils. Specific schedule activities include obtaining validated analysis from field work, revising the site characterization, and preparing the draft RI report for review.

Assumptions:

Data provided from previous characterization studies completed by ASI/IT, in addition to data collected from the additional sampling activities, will be sufficient to completely characterize OU2.

Data validation is complete prior to report preparation.

Risk assessment methodology to be used in developing the report is approved by EPA prior to report preparation.

Receipt and validation of site characterization analysis.

The RI report must be approved by U.S. EPA prior to initiation of the FS/PP document review cycle.

000172

RI/FS Activity Description Library

Sept.12, 1991 2297

Activity Data:

Activity ID	2206A02500		
Activity Title	*DOE RI REVIEW/REVISE/APPROVE*		
Start	24-Apr-92		
Finish	19-Aug-92		
Remaining Duration	84	Revision #	0
Total Float	42	Revision Date	12-Sep-91

Scope Description:

This is a schedule hammock including all activities associated with DOE and DOE contractor review, comment resolution and revision of the OU2 RI report. The draft document is reviewed by DOE-FSO. Comments are prepared and submitted to ASI/IT for response to comments and document revision, as appropriate. The document follows this same process through DOE-HQ and DOE-EM1 review levels. Each cycle requires a response to comments document in addition to a revised draft document. Meetings are held periodically to resolve comments.

Assumptions:

DOE-HQ review will follow DOE-FSO review.

Comments do not exceed 100 in number for any review cycle.

Comments are reviewed and screened by integrating contractor before submittal to ASI/IT.

Comments do not require significant changes in technical content and format.

000173

RI/FS Activity Description Library

Sept.12, 1991

Activity Data:

Activity ID	**2206A02600**		
Activity Title	***EPA RI REVIEW & APPROVE***		
Start	**21-Aug-92**		
Finish	**16-Dec-92**		
Remaining Duration	**84**	Revision #	**0**
Total Float	**42**	Revision Date	**12-Sep-91**

Scope Description:

This is a schedule hammock including all activities associated with U.S. EPA and OEPA review, comment resolution, report revision, and approval for the OU2 RI report. Comments are prepared and transmitted to ASI/IT for resolution and appropriate revision of the text. A formal comment response document is also prepared, which includes an individual response to each comment. The revised text is again submitted to U.S. EPA and OEPA for final review and approval. Additional comments are transmitted to DOE for response and text revision before final printing of the RI report. Meetings are held periodically to resolve comments.

Assumptions:

The EPA review/approval process will require at least two iterative reviews to obtain EPA approval of the document.

Review follows standard primary document review cycle as defined by the Consent Agreement.

Comments do not require significant changes in technical content and format.

No dispute resolution is required.

RI/FS Activity Description Library

Sept.12, 1991 2297

Activity Data:

Activity ID	2206A02700		
Activity Title	*PRINT AND DISTRIBUTE FINAL RI REPORT*		
Start			
Finish	17-Dec-92 13-Jan-93		
Remaining Duration	20	Revision #	0
Total Float	42	Revision Date	12-Sep-91

Scope Description:

This is a schedule hammock consisting of a series of individual activities. This subtask includes all activities associated with final assembly, printing, binding, and mailing/delivering the approved RI report. Final comment responses are prepared for U.S. EPA and OEPA comments. The document is revised based upon the EPA's comments and is given an internal review by ASI/IT before final printing. Copies are printed, collated and boxed for shipping. Copies will be delivered to the Administrative Record.

Assumptions:

Print and distribute 65 copies.

U.S. EPA approval of the draft final RI report is required prior to initiation of this activity.

000175

RI/FS Activity Description Library

Sept.12, 1991

Activity Data:

Activity ID	2315A02100		
Activity Title	*FEASIBILITY STUDY/PROP. PLN. REPORT PREPARATION*		
Start	10-Apr-92		
Finish	16-Nov-92		
Remaining Duration	157	Revision #	0
Total Float	1	Revision Date	12-Sep-91

Scope Description:

This hammock includes all activities necessary to prepare the Detailed Analysis of Alternatives, the Feasibility Study, and the Proposed Plan as defined in OSWER Directives 9355.3-01 and 9355.3-02. This activity will begin by revising the present alternative conceptual designs to incorporate the additional information obtained from the treatability studies and sampling activities conducted on Operable Unit 2. The FS cumulative risk assessment will be revised based on the selected alternative. This assessment will be included as a separate appendix. This activity will end by incorporating internal review comments into the draft Feasibility Study (which includes the revised Detailed Analysis of Alternatives) and Proposed Plan.

Assumptions:

Anticipated U.S. EPA guidance documents on preparing risk assessments for feasibility studies do not materially impact the schedule for preparation of the FS report.

U.S. EPA accepts the final OU2 ISA (April 18, 1991) and no changes are made to the alternative structure (other than perched groundwater being remediated as OU5).

The ISA report will not require modification.

Treatability Studies and ARARs determination are complete before initiation of the Detailed Analysis of Alternatives.

The work plan addendum addressing risk assessment methodology will be approved prior to the initiation of risk assessment activities.

The public comment period cannot begin on the Proposed Plan until the plan is approved by U.S. EPA.

RI/FS Activity Description Library

Sept.12, 1991

2297

Activity Data:

Activity ID	2315A02500
Activity Title	*DOE FS/PP REVIEW/REVISE/APPROVE*
Start	17-Nov-92
Finish	12-Mar-93

Remaining Duration	84	Revision #	0
Total Float	0	Revision Date	12-Sep-91

Scope Description:

This is a schedule hammock including all activities associated with DOE and DOE contractor review, comment resolution, and revision of the OU2 Feasibility Study and Proposed Plan report. The draft document is reviewed by the DOE-FSO. Comments are prepared and submitted to ASI/IT for response and document revision, as appropriate. The document follows this same process through DOE-HQ and DOE-EM1 review levels. Each cycle requires a response to comments document in addition to a revised draft document. Meetings are held periodically to resolve comments.

Assumptions:

DOE-HQ review will follow DOE-FSO review.

Comments are reviewed and screened by integrating contractor before submittal to ASI/IT.

Comments do not exceed 100 in number for any review cycle.

Comments do not require significant changes in technical content and format.

000177

RI/FS Activity Description Library

Sept.12, 1991

Activity Data:

Activity ID	**2315A02600**		
Activity Title	***EPA FS/PP REVIEW/REVISE/APPROVE***		
Start	**15-Mar-93**		
Finish	**12-Jul-93**		
Remaining Duration	**86**	Revision #	**0**
Total Float	**0**	Revision Date	**12-Sep-91**

Scope Description:

This is a schedule hammock including all activities associated with U.S. EPA and OEPA review, comment resolution, report revision, and approval for the OU2 Feasibility Study and Proposed Plan report. Comments are prepared and transmitted to ASI/IT for resolution and appropriate revision of the text. A formal response to comments document is prepared, which includes an individual response to each comment. The revised text is again submitted to U.S. EPA and OEPA for final review and approval. Additional comments are transmitted to DOE for response and text revision before final printing of the FS/PP report. Meetings are held periodically to resolve comments.

Assumptions:

The EPA review/approval process will require at least two iterative reviews to obtain EPA approval of the document.

Review follows standard primary document review cycle as defined by the Consent Agreement.

Comments do not require significant changes in technical content and format.

No dispute resolution is required.

000178

RI/FS Activity Description Library

2297

Sept.12, 1991

Activity Data:

Activity ID	2315A02700
Activity Title	*PRINT AND DISTRIBUTE FINAL FS/PP REPORT*
Start	13-Jul-93
Finish	09-Aug-93

Remaining Duration	20	Revision #	0
Total Float	0	Revision Date	12-Sep-91

Scope Description:

This is a schedule hammock including all activities associated with final assembly, printing, binding, and mailing/delivering the approved Feasibility Study and Proposed Plan report. Final comment responses are prepared for U.S. EPA and OEPA comments. The document is revised based upon the EPA's comments and is given an internal review by ASI/IT before final printing. Copies are printed, collated, and boxed for shipping. Copies will be delivered to the Administrative Record.

Assumptions:

Availability of personnel and equipment for task completion will not be a constraint.

Print and distribute 100 copies.

Requests under NEPA for copies of the FS-EIS will not exceed 35.

U.S. EPA approval of the Proposed Plan is required prior to initiation of the public comment period.

000179

RI/FS Activity Description Library

Sept.12, 1991

Activity Data:

Activity ID	2318A02100		
Activity Title	*PUBLIC COMMENT*		
Start	10-Aug-93		
Finish	10-Nov-93		
Remaining Duration	67	Revision #	0
Total Float	0	Revision Date	12-Sep-91

Scope Description:

This is a schedule hammock which includes all activities associated with providing the public with an opportunity to comment on the Proposed Plan, as required and defined by the NCP. A notice will be prepared and printed in a major local newspaper and the Federal Register (a NEPA requirement) to inform the public of the availability of the Proposed Plan for their review and to provide a brief analysis of its contents. This notice will solicit written comments and announce a public meeting. Upon receipt of all comments, a responsiveness summary will be prepared that discusses significant comments, criticisms, and new relevant information submitted during the public comment period.

Assumptions:

Public comment period is 45 calendar days to accomodate the requirements of NEPA.

Community Relations staff will assist in the preparation of the PP to assure it is written to be understandable by a knowledgeable public.

A public meeting is held near the CERCLA site.

U.S. EPA approval of the Proposed Plan is required before initiation of this activity.

The responsiveness summary will be included in the draft ROD.

000180

RI/FS Activity Description Library

Sept.12, 1991

2297

Activity Data:

Activity ID	2319A01010
Activity Title	*DELIVER OU2 DRAFT ROD TO DOE*
Start	
Finish	25-Jan-93

Remaining Duration		Revision #	0
Total Float	166	Revision Date	12-Sep-91

Scope Description:

A milestone signifies the completion of a significant event and typically denotes the completion of a workscope. This milestone consists of delivering the Draft ROD to DOE/WMCO for review and comment.

Deliverable: OU2 Draft ROD

Assumptions:

See assumptions for specific activities leading to completion of the deliverable.

RI/FS Activity Description Library

Sept.12, 1991

Activity Data:

Activity ID	**2319A01070**		
Activity Title	***DELIVER OU2 DRAFT ROD TO EPA***		
Start			
Finish	**10-Dec-93**		
Remaining Duration		Revision #	**0**
Total Float	**0**	Revision Date	**12-Sep-91**

Scope Description:

A milestone signifies the completion of a significant event and typically denotes the completion of a workscope. This milestone consists of delivering the Draft ROD to EPA.

Deliverable: OU2 Draft ROD

Assumptions:

See assumptions for specific activities leading to completion of the deliverable.

000182

RI/FS Activity Description Library

2297

Sept.12, 1991

Activity Data:

Activity ID	2319A02100		
Activity Title	*DRAFT ROD PREPARATION*		
Start	18-Nov-92		
Finish	22-Jan-93		
Remaining Duration	48	Revision #	0
Total Float	166	Revision Date	12-Sep-91

Scope Description:

This is a schedule hammock including preparation of a draft ROD as defined by OSWER Directive 9355.3-02 for DOE review, approval and submittal to U.S. EPA. The draft ROD includes the following:

Declaration Statement containing description of selected remedy.

Decision Summary providing an overview of the site-specific factors and analysis supporting the selection of alternatives.

Responsiveness summary, addressing comments received during the public comment period, will be issued as part of the ROD.

Assumptions:

Extensive public comments will require response.

No pre-ROD significant changes resulting from public comments.

Regulatory, community relations and legal support are required.

The public comment period must be completed before finalization of the draft ROD.

000183

RI/FS Activity Description Library

Sept.12, 1991

Activity Data:

Activity ID	2319A02500		
Activity Title	*DOE DRAFT ROD REVIEW/REVISE/APPROVE*		
Start	22-Jan-93		
Finish	10-Dec-93		
Remaining Duration	231	Revision #	0
Total Float	166	Revision Date	12-Sep-91

Scope Description:

This is a schedule hammock including DOE review of the draft ROD at three levels: DOE-FSO, DOE-HQ, and DOE-EM1. The draft ROD is revised to incorporate DOE comments through three review cycles and associated comment response documents are prepared. Each document revision also includes an internal ASI/IT review before resubmittal, as well as the printing and distribution of the document. Meetings are held periodically to resolve comments.

Assumptions:

Comments do not significantly alter technical direction of project.

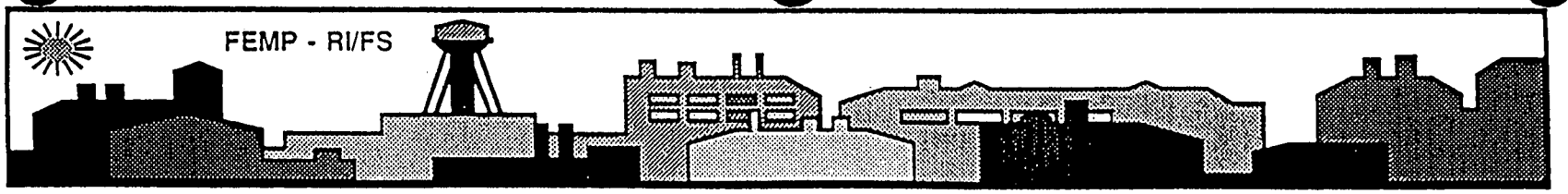
Comments are reviewed and screened by the integrating contractor prior to submittal.

000184

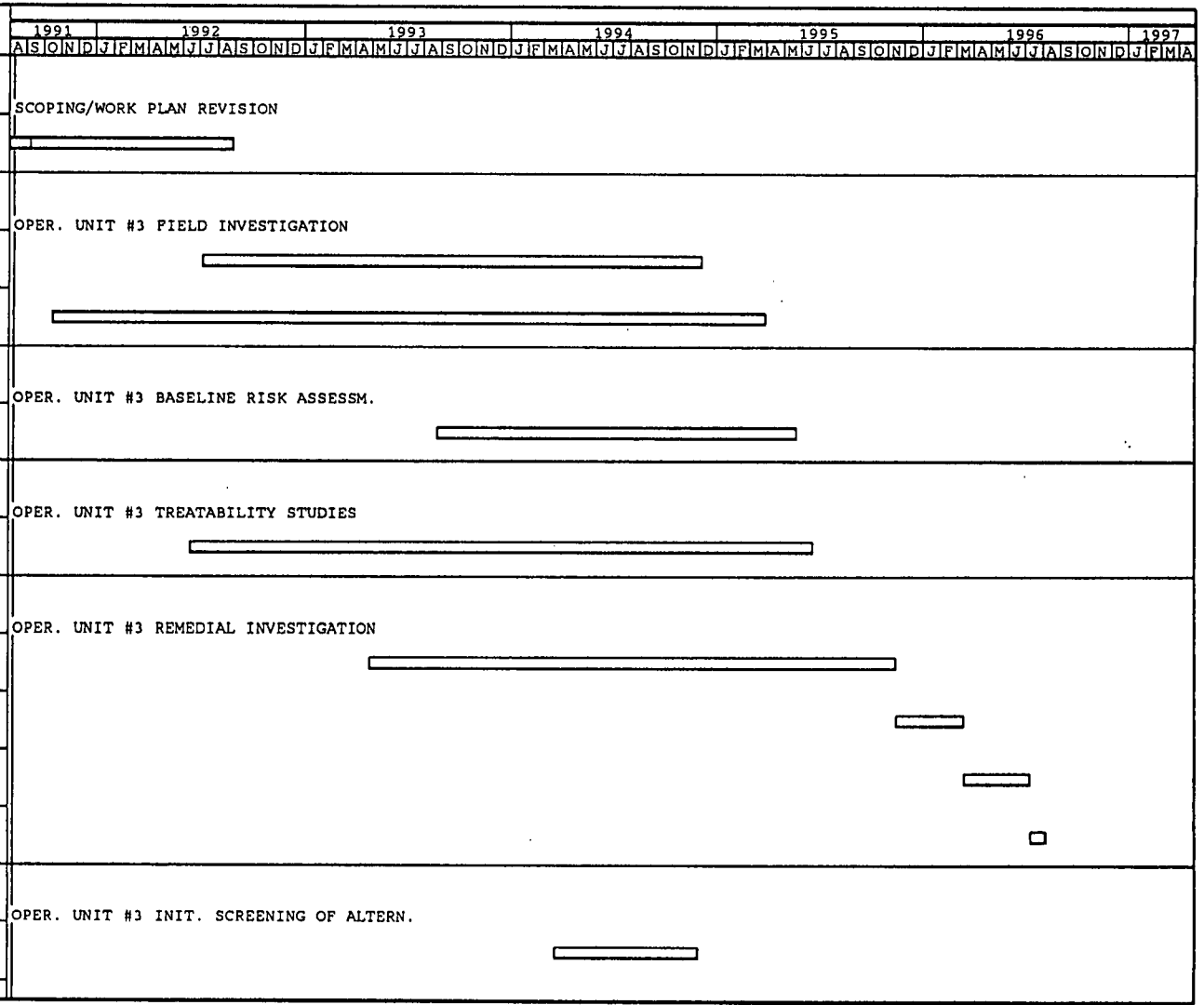
Operable Unit 3

Production Area and production-related facilities, and equipment (includes all above and below grade improvements)

Schedules



SCOPING OF OPER. UNIT #3 3200A02100 OD 305 AS 1JUL91 LF 28AUG92	SCOPING/WORK PLAN REVISION
OPERABLE UNIT FIELD RELATED ACTIVITIES 3203A02000 OD 633 LS 6JUL92 LF 5DEC94	OPER. UNIT #3 FIELD INVESTIGATION
SAFE SHUTDOWN BY WMCO 3203W02101 OD 900 LS 17OCT91 LF 29MAR95	
OU3 BL RISK ASSESSMENT 3204A02000 OD 456 LS 25AUG93 LF 24MAY95	OPER. UNIT #3 BASELINE RISK ASSESSM.
TREATABILITY STUDIES 3205A02000 OD 787 LS 15JUN92 LF 20JUN95	OPER. UNIT #3 TREATABILITY STUDIES
REMEDIAL INVESTIGATION REPORT 3206A02100 OD 546 LS 28APR93 LF 15NOV95	OPER. UNIT #3 REMEDIAL INVESTIGATION
DOE OU 3 RI REVIEW/REVISE/APPROVE 3206A02500 OD 85 LS 16NOV95 LF 13MAR96	
EPA REVIEW/REVISE/APPROVE 3206A02600 OD 84 LS 14MAR96 LF 9JUL96	
PRINT AND DISTRIBUTE FINAL RI REPORT 3206A02700 OD 20 LS 10JUL96 LF 6AUG96	
INITIAL SCREENING OF ALTERNATIVES REPORT PREP. 3312A02100 OD 181 LS 22MAR94 LF 29NOV94	OPER. UNIT #3 INIT. SCREENING OF ALTERN.



Activity Bar/Late Dates
Critical Activity
Progress Bar

Primavera Systems, Inc. 1984-1991

RI/FS PROJECT
FERNALD ENVIRONMENTAL MGMT. PROJECT
OPERABLE UNIT 3 BAR CHART LEVEL III

Project Start : 31OCT90
Project Finish: 4MAY01

Sheet 1 of 3

Data Date: 10AUG91
Plot Date: 16SEP91

Prepared by ASI/IT Corp.

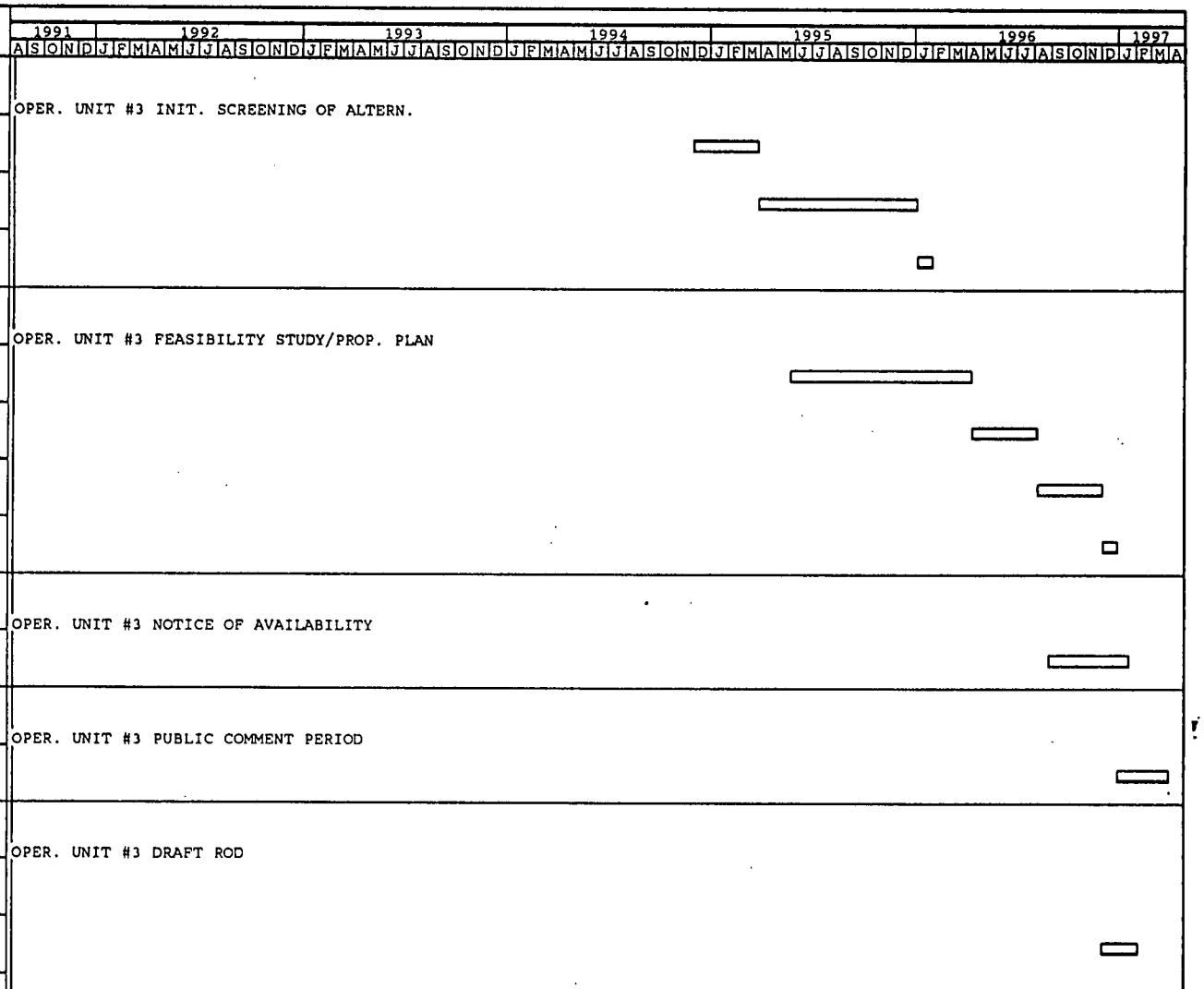
Date	Revision	Checked	Approved

000187

22297

FEMP - RI/FS

	OPER. UNIT #3 INIT. SCREENING OF ALTERN.
DOE REVIEW/REVISE/APPROVE 3312A02500 OD 84 LS 30NOV94 LF 27MAR95	
EPA REVIEW/REVISE/APPROVE 3312A02600 OD 84 LS 28MAR95 LF 4JAN96	
PRINT AND DISTRIBUTE FINAL REPORT 3312A02700 OD 20 LS 5JAN96 LF 1FEB96	
	OPER. UNIT #3 FEASIBILITY STUDY/PROP. PLAN
FEASIBILITY STUDY/PROP. PLN REPORT 3315A02100 OD 231 LS 25MAY95 LF 11APR96	
DOE FS/PP REVIEW/REVISE/APPROVE 3315A02500 OD 83 LS 12APR96 LF 6AUG96	
EPA FS/PP REVIEW/REVISE/APPROVE 3315A02600 OD 84 LS 7AUG96 LF 2DEC96	
PRINT AND DISTRIBUTE FINAL FS/PP REPORT 3315A02700 OD 20 LS 3DEC96 LF 30DEC96	
	OPER. UNIT #3 NOTICE OF AVAILABILITY
DRAFT NOTICE OF AVAILABILITY (NOA) 3317A02100 OD 105 LS 27AUG96 LF 20JAN97	
	OPER. UNIT #3 PUBLIC COMMENT PERIOD
PUBLIC COMMENT PERIOD 3318A02100 OD 68 LS 31DEC96 LF 3APR97	
	OPER. UNIT #3 DRAFT ROD
DELIVER OU3 DRAFT ROD TO EPA 3319A01070 OD 0 LF 2MAY97	
DRAFT ROD PREPARATION 3319A02100 OD 48 LS 2DEC96 LF 5FEB97	



Activity Bar/Late Dates
Critical Activity
Progress Bar

Primavera Systems, Inc. 1984-1991

RI/FS PROJECT
FERNALD ENVIRONMENTAL MGMT. PROJECT
OPERABLE UNIT 3 BAR CHART LEVEL III

Project Start : 31OCT90
Project Finish: 4MAY01

Sheet 2 of 3

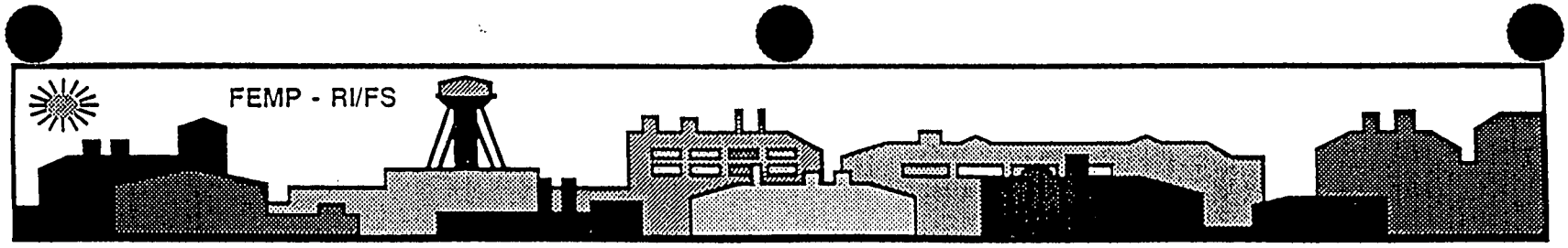
Data Date: 10AUG91
Plot Date: 16SEP91

Prepared by ASI/IT Corp.

Date	Revision	Checked	Approved

000188

2297



	1991	1992	1993	1994	1995	1996	1997
	A S O N D	J F M A M J J A S O N D	J F M A M J J A S O N D	J F M A M J J A S O N D	J F M A M J J A S O N D	J F M A M J J A S O N D	J F M A

DOE DRAFT ROD REVIEW/REVISE/APPROVE
3319A02500 OD 229
LS 5FEB97 LF 2MAY97

OPER. UNIT #3 DRAFT ROD

22 97

Activity Bar/Late Dates
Critical Activity
Progress Bar

Primavera Systems, Inc. 1984-1991

RI/FS PROJECT
FERNALD ENVIRONMENTAL MGMT. PROJECT
OPERABLE UNIT 3 BAR CHART LEVEL III

Project Start : 31OCT90
Project Finish: 4MAY01

Sheet 3 of 3

Data Date: 10AUG91
Plot Date: 16SEP91

Prepared by ASI/IT Corp.

Date	Revision	Checked	Approved

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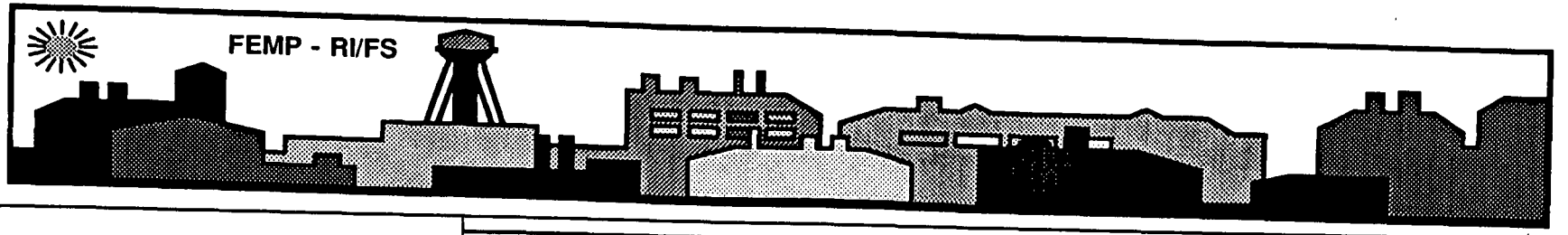

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SCOPING/WORK PLAN REVISION

PREPARE PROCESS KNOWLEDGE-INTERVIEW CHECKLIST 3200A05101	OD 15	RD 0	AS 1JUL91 AF 19JUL91
INTERVIEW PLANT EMP FOR PROCESS KNOWLEDGE DATA 3200A05108	OD 70	RD 55	AS 22JUL91 LF 15NOV91
ANALYZE PROCESS KNOWLEDGE INFO 3200A05111	OD 10	RD 10	LS 18NOV91 LF 29NOV91
REVIEW EXISTING AVAILABLE DATA 3200A05113	OD 110	RD 80	AS 1JUL91 LF 29NOV91
DEV POTENTIAL REMEDIAL ACTION OBJECTIVES 3200A06101	OD 10	RD 10	LS 16DEC91 LF 27DEC91
DEVELOP OU3 CONCEPTUAL MODEL 3200A06102	OD 42	RD 42	LS 30DEC91 LF 25FEB92
DEVELOPMENT OF PRELIM REMEDIAL ACTN ALTERNATIVES 3200A06103	OD 50	RD 50	LS 30DEC91 LF 6MAR92
IDENTIFY PRELIMINARY ARARS 3200A06105	OD 20	RD 20	LS 2DEC91 LF 27DEC91

OPER. UNIT #3 WORK PLAN

REVISE FS WORK PLAN 3202A08101	OD 20	RD 20	LS 9MAR92 LF 3APR92
REVISE RI/FS WORK PLAN 3202A08102	OD 40	RD 40	LS 10FEB92 LF 3APR92
REVISE RI/FS SAMPLING AND ANALYSIS PLAN 3202A08105	OD 85	RD 85	LS 9DEC91 LF 3APR92
REVISE HEALTH & SAFETY PLAN 3202A08120	OD 40	RD 40	LS 10FEB92 LF 3APR92
DOE/WMCO REVIEW AND COMMENT 3202A08123	OD 21	RD 21	LS 6APR92 LF 4MAY92
INCORPORATE DOE/WMCO COMMENTS 3202A08125	OD 21	RD 21	LS 5MAY92 LF 2JUN92

Activity Bar/Late Dates
Critical Activity
Progress Bar

Primavera Systems, Inc. 1984-1991

Project Start : 31OCT90
Project Finish: 4MAY01

RI/FS PROJECT SCHEDULES
FERNALD ENVIRONMENTAL MGMT. PROJECT
OPERABLE UNIT 3 BAR CHART LEVEL IV

Sheet 1 of 16

Data Date: 10AUG91
Plot Date: 12SEP91

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Date	Revision	Checked	Approved

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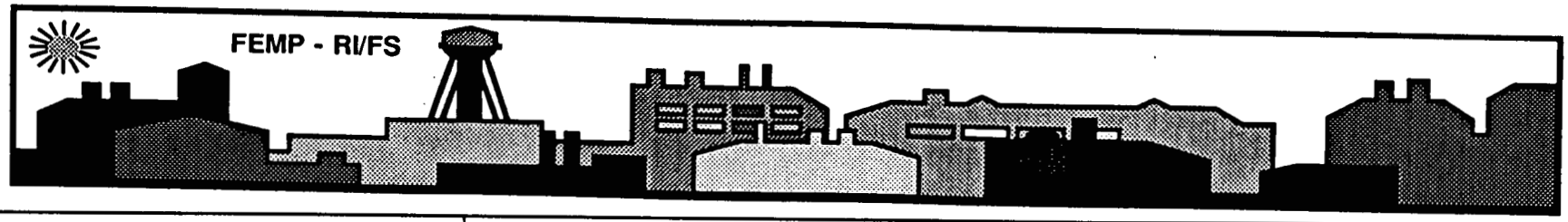
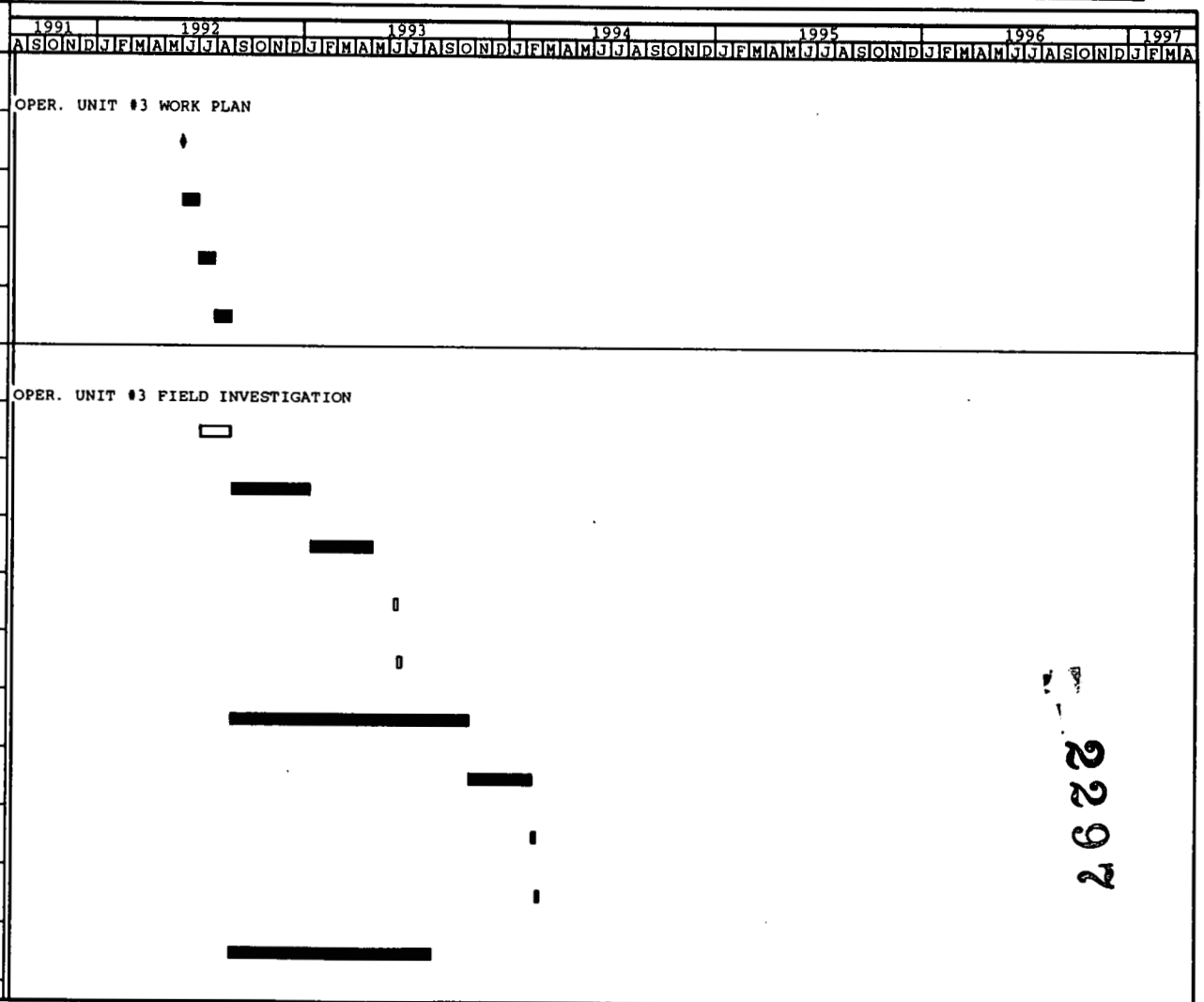


OPER. UNIT #3 WORK PLAN			
SUBMIT WORK PLANS TO EPA 3202A08503	OD 0 LF 2JUN92	RD 0	
EPA REVIEW AND COMMENT 3202A08601 LS 3JUN92	OD 21 LF 1JUL92	RD 21	
RESPOND TO EPA COMMENTS 3202A08603 LS 2JUL92	OD 21 LF 30JUL92	RD 21	
EPA REVIEW AND APPROVE 3202A08605 LS 31JUL92	OD 21 LF 28AUG92	RD 21	
OPER. UNIT #3 FIELD INVESTIGATION			
TECHNICIAN TRAINING AND MOBILIZATION 3203A24001 LS 6JUL92	OD 40 LF 28AUG92	RD 40	
ADMIN BUILDINGS SAMPLING 3203A24101 LS 31AUG92	OD 100 LF 15JAN93	RD 100	
LAB ANALYSIS 3203A24103 LS 18JAN93	OD 80 LF 7MAY93	RD 80	
DATA VALIDATION 3203A24108 LS 15JUN93	OD 5 LF 21JUN93	RD 5	
DATA ENTRY 3203A24111 LS 22JUN93	OD 5 LF 28JUN93	RD 5	
WAREHOUSE/STORAGE SAMPLING 3203A26101 LS 31AUG92	OD 303 LF 27OCT93	RD 303	
LAB ANALYSIS 3203A26103 LS 28OCT93	OD 80 LF 16FEB94	RD 80	
DATA VALIDATION 3203A26108 LS 17FEB94	OD 5 LF 23FEB94	RD 5	
DATA ENTRY 3203A26111 LS 24FEB94	OD 5 LF 2MAR94	RD 5	
CHEMICAL PROCESS PLANT SAMPLING 3203A27101 LS 31AUG92	OD 256 LF 23AUG93	RD 256	



Activity Bar/Late Dates
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Primavera Systems, Inc. 1984-1991

Project Start : 31OCT90
Project Finish: 4MAY01

RI/FS PROJECT SCHEDULES
FERNALD ENVIRONMENTAL MGMT. PROJECT
OPERABLE UNIT 3 BAR CHART LEVEL IV

Sheet 2 of 16

Data Date: 10AUG91
Plot Date: 12SEP91

Prepared by ASI/IT Corp.

Date	Revision	Checked	Approved

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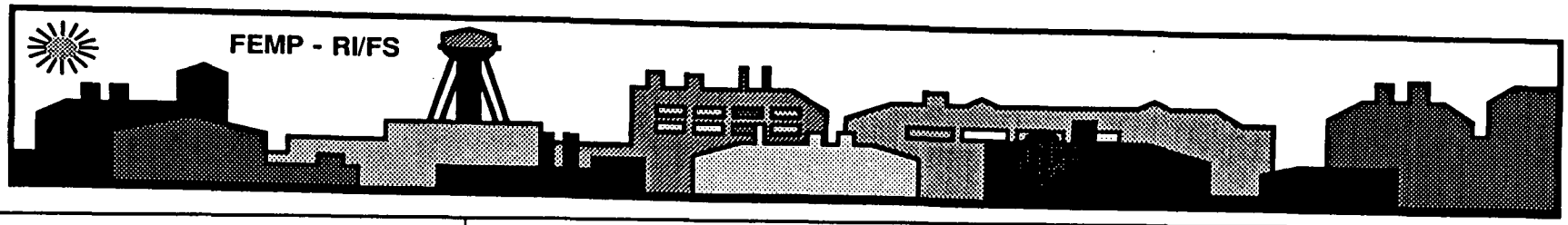
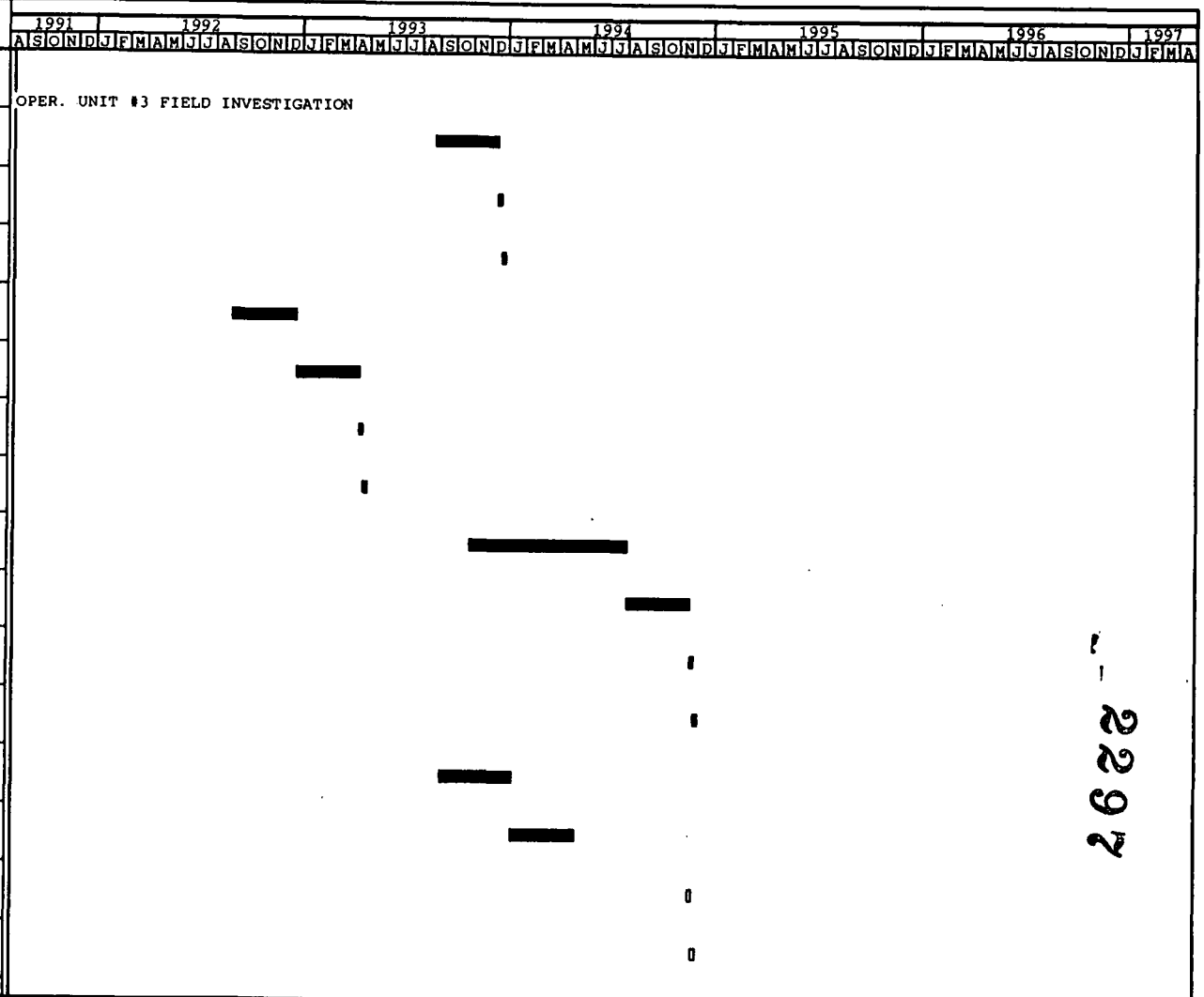


LAB ANALYSIS 3203A27103 LS 24AUG93	OD 80 LF 13DEC93	RD 80	
DATA VALIDATION 3203A27108 LS 14DEC93	OD 5 LF 20DEC93	RD 5	
DATA ENTRY 3203A27111 LS 21DEC93	OD 5 LF 27DEC93	RD 5	
METAL PROCESS PLANT SAMPLING 3203A28101 LS 31AUG92	OD 82 LF 22DEC92	RD 82	
LAB ANALYSIS 3203A28103 LS 23DEC92	OD 80 LF 13APR93	RD 80	
DATA VALIDATION 3203A28108 LS 14APR93	OD 5 LF 20APR93	RD 5	
DATA ENTRY 3203A28111 LS 21APR93	OD 5 LF 27APR93	RD 5	
SUPPORT FACILITIES SAMPLING (TEAM 2) 3203A29101 LS 28OCT93	OD 198 LF 1AUG94	RD 198	
LAB ANALYSIS 3203A29103 LS 2AUG94	OD 80 LF 21NOV94	RD 80	
DATA VALIDATION 3203A29108 LS 22NOV94	OD 5 LF 28NOV94	RD 5	
DATA ENTRY 3203A29111 LS 29NOV94	OD 5 LF 5DEC94	RD 5	
SUPPORT FACILITIES SAMPLING (TEAM 4) 3203A29113 LS 7SEP93	OD 91 LF 11JAN94	RD 91	
LAB ANALYSIS 3203A29118 LS 12JAN94	OD 80 LF 3MAY94	RD 80	
DATA VALIDATION 3203A29121 LS 22NOV94	OD 5 LF 28NOV94	RD 5	
DATA ENTRY 3203A29123 LS 29NOV94	OD 5 LF 5DEC94	RD 5	



Activity Bar/Late Dates
Critical Activity
Progress Bar

Primavera Systems, Inc. 1984-1991

RI/FS PROJECT SCHEDULES
FERNALD ENVIRONMENTAL MGMT. PROJECT
OPERABLE UNIT 3 BAR CHART LEVEL IV

Project Start : 31OCT90
Project Finish: 4MAY01

Sheet 3 of 16

Data Date: 10AUG91
Plot Date: 12SEP91

Prepared by ASI/IT Corp.

Date	Revision	Checked	Approved

000192

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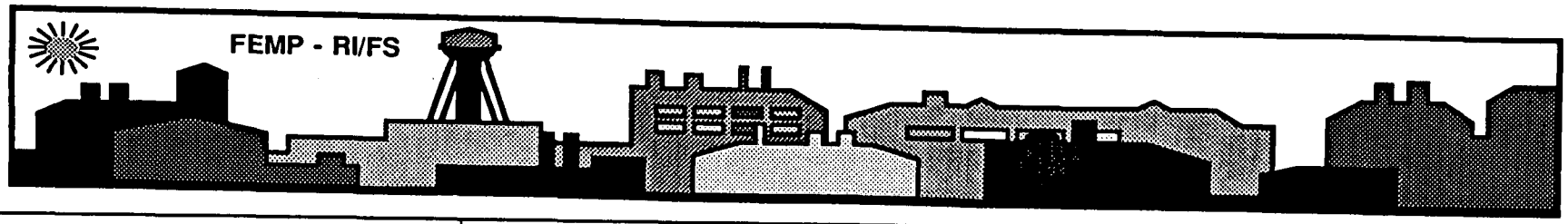
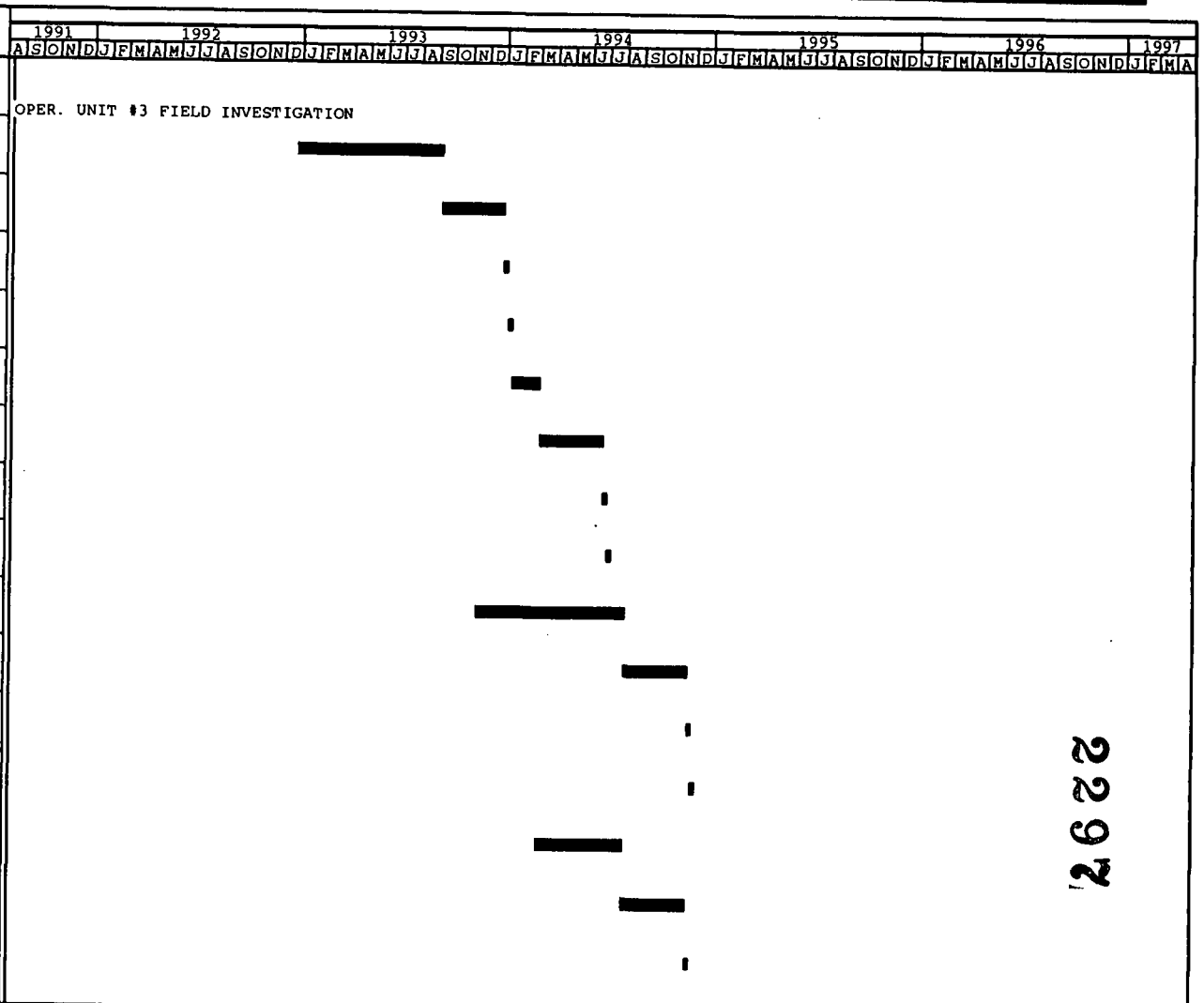


ABV GRND TANKS/UTIL/EQUIP SAMPLING			
3203A32101	OD 184	RD 184	
LS 23DEC92	LF 6SEP93		
LAB ANALYSIS			
3203A32103	OD 80	RD 80	
LS 7SEP93	LF 27DEC93		
DATA VALIDATION			
3203A32108	OD 5	RD 5	
LS 28DEC93	LF 3JAN94		
DATA ENTRY			
3203A32111	OD 5	RD 5	
LS 4JAN94	LF 10JAN94		
PARKING LOT/RR TRACKS/ROADS SAMPLING			
3203A33101	OD 36	RD 36	
LS 12JAN94	LF 2MAR94		
LAB ANALYSIS			
3203A33103	OD 80	RD 80	
LS 3MAR94	LF 22JUN94		
DATA VALIDATION			
3203A33108	OD 5	RD 5	
LS 23JUN94	LF 29JUN94		
DATA ENTRY			
3203A33111	OD 5	RD 5	
LS 30JUN94	LF 6JUL94		
WASTE PROCESSING FACILITIES SAMPLING			
3203A34101	OD 187	RD 187	
LS 12NOV93	LF 1AUG94		
LAB ANALYSIS			
3203A34103	OD 80	RD 80	
LS 2AUG94	LF 21NOV94		
DATA VALIDATION			
3203A34108	OD 5	RD 5	
LS 22NOV94	LF 28NOV94		
DATA ENTRY			
3203A34111	OD 5	RD 5	
LS 29NOV94	LF 5DEC94		
FMPC INVENTORY SAMPLING			
3203A35101	OD 108	RD 108	
LS 3MAR94	LF 1AUG94		
LAB ANALYSIS			
3203A35103	OD 80	RD 80	
LS 2AUG94	LF 21NOV94		
DATA VALIDATION			
3203A35108	OD 5	RD 5	
LS 22NOV94	LF 28NOV94		



Activity Bar/Late Dates
Critical Activity
Progress Bar

Primavera Systems, Inc. 1984-1991

Project Start : 31OCT90
Project Finish: 4MAY01

RI/FS PROJECT SCHEDULES
FERNALD ENVIRONMENTAL MGMT. PROJECT
OPERABLE UNIT 3 BAR CHART LEVEL IV

Sheet 4 of 16

Data Date: 10AUG91
Plot Date: 12SEP91

Prepared by ASI/IT Corp.

Date	Revision	Checked	Approved

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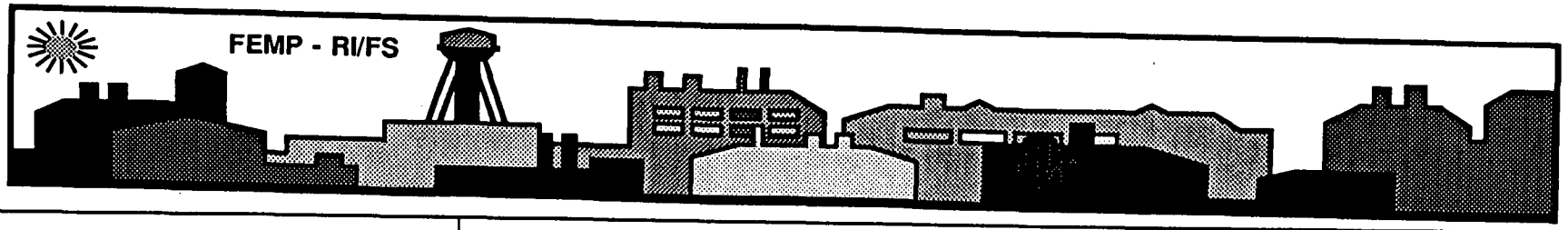
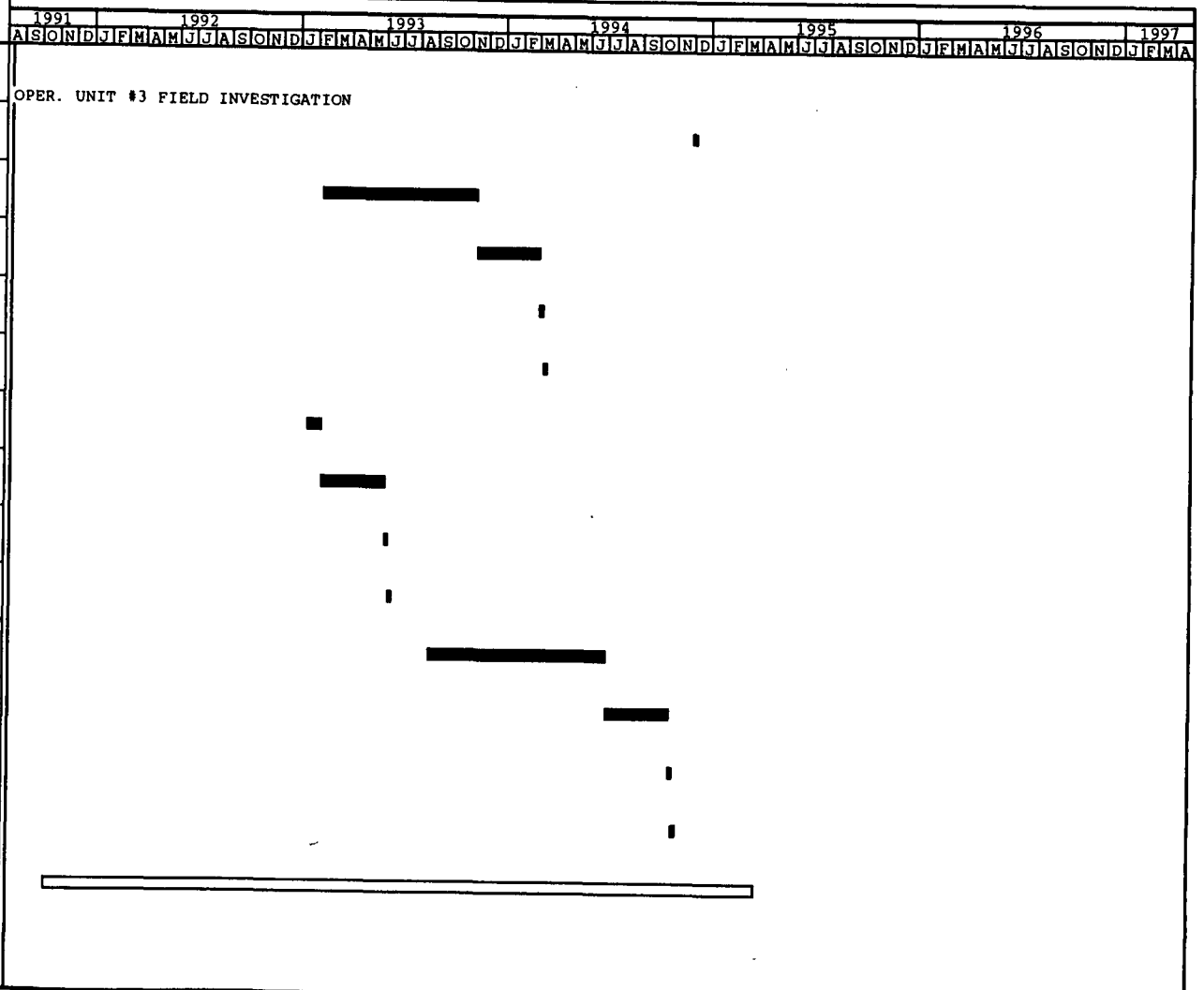


DATA ENTRY 3203A35111 LS 29NOV94	OD 5 LF 5DEC94	RD 5	
BULK CONTAMINANTS SAMPLING 3203A36101 LS 12FEB93	OD 195 LF 11NOV93	RD 195	
LAB ANALYSIS 3203A36103 LS 12NOV93	OD 80 LF 3MAR94	RD 80	
DATA VALIDATION 3203A36108 LS 4MAR94	OD 5 LF 10MAR94	RD 5	
DATA ENTRY 3203A36111 LS 11MAR94	OD 5 LF 17MAR94	RD 5	
PONDS/BASINS SAMPLING 3203A37101 LS 18JAN93	OD 19 LF 11FEB93	RD 19	
LAB ANALYSIS 3203A37103 LS 12FEB93	OD 80 LF 3JUN93	RD 80	
DATA VALIDATION 3203A37108 LS 4JUN93	OD 5 LF 10JUN93	RD 5	
DATA ENTRY 3203A37111 LS 11JUN93	OD 5 LF 17JUN93	RD 5	
SUBSURFACE TANKS/UTILITIES/EQUIPMENT SAMPLING 3203A38101 LS 24AUG93	OD 225 LF 4JUL94	RD 225	
LAB ANALYSIS 3203A38103 LS 5JUL94	OD 80 LF 24OCT94	RD 80	
DATA VALIDATION 3203A38108 LS 25OCT94	OD 5 LF 31OCT94	RD 5	
DATA ENTRY 3203A38111 LS 1NOV94	OD 5 LF 7NOV94	RD 5	
SAFE SHUTDOWN BY WMCO 3203W02101 LS 17OCT91	OD 900 LF 29MAR95	RD 900	



Activity Bar/Late Dates
Critical Activity
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Primavera Systems, Inc. 1984-1991

Project Start : 31OCT90
Project Finish: 4MAY01

RI/FS PROJECT SCHEDULES
FERNALD ENVIRONMENTAL MGMT. PROJECT
OPERABLE UNIT 3 BAR CHART LEVEL IV

Sheet 5 of 16

Data Date: 10AUG91
Plot Date: 12SEP91

Prepared by ASI/IT Corp.

Date	Revision	Checked	Approved

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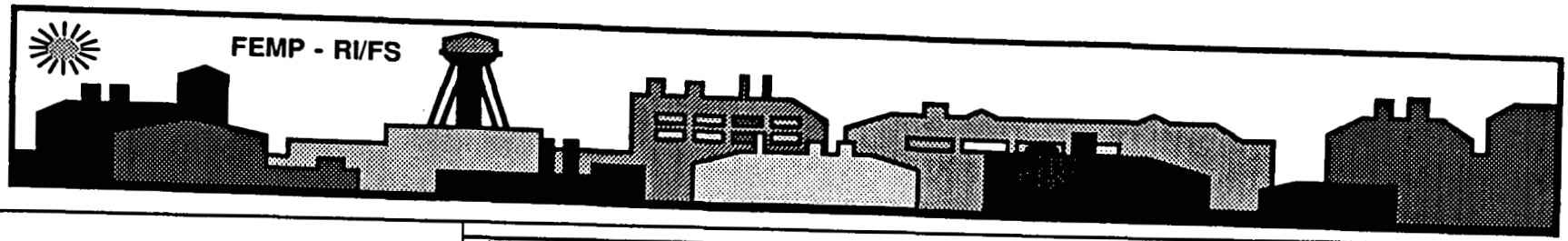

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OPER. UNIT #3 BASELINE RISK ASSESSM.

PERFORM F & T CALC'S. 3204A81050 LS 25AUG93	OD 446 LF 10MAY95	RD 446	
EVALUATE DATA FOR RISK ASSESSMENT 3204A81100 LS 25AUG93	OD 446 LF 10MAY95	RD 446	
DETER. CHEMICALS OF CONCERN 3204A81120 LS 25AUG93	OD 446 LF 10MAY95	RD 446	
EVAL. EXP./RISK/TOXICITY 3204A81130 LS 25AUG93	OD 446 LF 10MAY95	RD 446	
PREPARE DRAFT OU3 RA REPORT 3204A81140 LS 25AUG93	OD 446 LF 10MAY95	RD 446	
INTERNAL REVIEW OF OU3 RA 3204A81150 LS 11MAY95	OD 10 LF 24MAY95	RD 10	

OPER. UNIT #3 TREATABILITY STUDIES

PREPARE TREATABILITY TEST WORK PLAN 3205A31101 LS 15JUN92	OD 40 LF 7AUG92	RD 40	
PREPARE TREATABILITY TEST. H&S PLAN 3205A31102 LS 10JUL92	OD 21 LF 7AUG92	RD 21	
INTERNAL REVIEW OF WORK PLAN 3205A31103 LS 10AUG92	OD 5 LF 14AUG92	RD 5	
DOE/WMCO REVIEW WORK PLAN 3205A31104 LS 17AUG92	OD 21 LF 14SEP92	RD 21	
INCORPORATE DOE/WMCO COMMENTS 3205A31105 LS 15SEP92	OD 21 LF 13OCT92	RD 21	
EPA REVIEW WORK PLAN 3205A31106 LS 14OCT92	OD 21 LF 11NOV92	RD 21	
INCORPORATE EPA COMMENTS 3205A31107 LS 12NOV92	OD 21 LF 10DEC92	RD 21	
EPA REVIEW AND APPROVE WORK PLAN 3205A31108 LS 11DEC92	OD 21 LF 8JAN93	RD 21	

Activity Bar/Late Dates
Critical Activity
Progress Bar

Primavera Systems, Inc. 1984-1991

Project Start : 31OCT90
Project Finish: 4MAY01

RI/FS PROJECT SCHEDULES
FERNALD ENVIRONMENTAL MGMT. PROJECT
OPERABLE UNIT 3 BAR CHART LEVEL IV

Sheet 6 of 16

Data Date: 10AUG91
Plot Date: 12SEP91

Prepared by ASI/IT Corp.

Date	Revision	Checked	Approved

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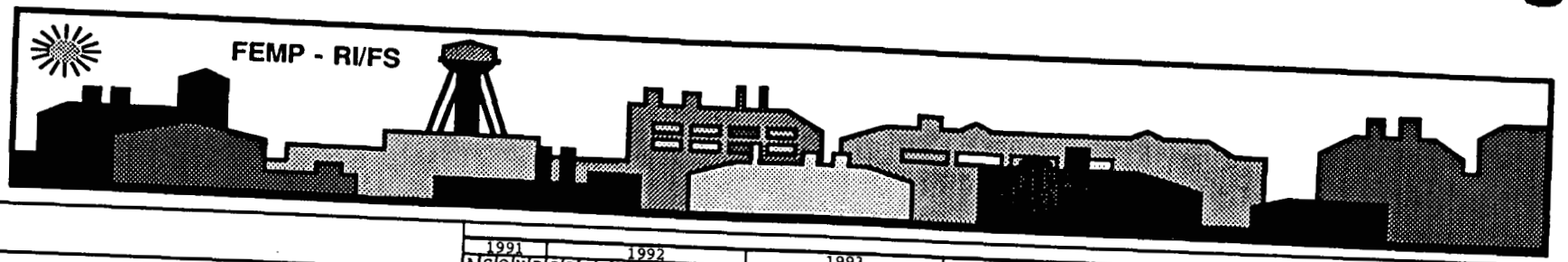

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OPER. UNIT #3 TREATABILITY STUDIES

VENDOR PROCUREMENT PROCESS 3205A31109	OD 85	RD 85	LS 11JAN93 LF 7MAY93
VENDOR H&S PLANS 3205A31110	OD 21	RD 21	LS 10MAY93 LF 7JUN93
REVIEW AND APPROVE VENDOR H&S PLANS 3205A31111	OD 21	RD 21	LS 8JUN93 LF 6JUL93
TT SAMPLE COLLECTION 3205A31112	OD 100	RD 100	LS 7JUL93 LF 23NOV93
TT SAMPLE ANALYSIS 3205A31113	OD 120	RD 120	LS 24NOV93 LF 10MAY94
TT DATA VALIDATION 3205A31114	OD 5	RD 5	LS 11MAY94 LF 17MAY94
TT DATA ENTRY 3205A31115	OD 5	RD 5	LS 18MAY94 LF 24MAY94
TREATABILITY TESTING 3205A31116	OD 120	RD 120	LS 25MAY94 LF 8NOV94
TT ANALYSIS AND VERIFICATION 3205A31117	OD 120	RD 120	LS 9NOV94 LF 25APR95
TT VERIFICATION DATA VALIDATION 3205A31118	OD 5	RD 5	LS 26APR95 LF 2MAY95
TT VERIFICATION DATA ENTRY 3205A31119	OD 5	RD 5	LS 3MAY95 LF 9MAY95
TREATABILITY TEST REPORT 3205A31120	OD 30	RD 30	LS 10MAY95 LF 20JUN95
DOE/WMCO REVIEW/COMMENT TREATABILITY TEST REP. 3205A31121	OD 21	RD 21	LS 21JUN95 LF 19JUL95

OPER. UNIT #3 REMEDIAL INVESTIGATION

DEVELOP RI REPORT AND BACKGROUND INFORMATION 3206A25100	OD 60	RD 60	LS 5JAN95 LF 29MAR95

Activity Bar/Late Dates
Critical Activity
Progress Bar

Primavera Systems, Inc. 1984-1991

Project Start : 31OCT90
Project Finish: 4MAY01

RI/FS PROJECT SCHEDULES
FERNALD ENVIRONMENTAL MGMT. PROJECT
OPERABLE UNIT 3 BAR CHART LEVEL IV

Sheet 7 of 16

Data Date: 10AUG91
Plot Date: 12SEP91

Prepared by ASI/IT Corp.

Date	Revision	Checked	Approved

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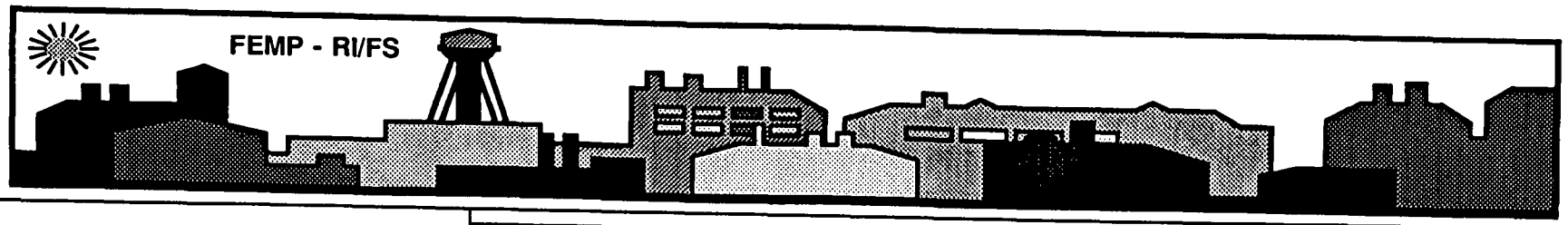
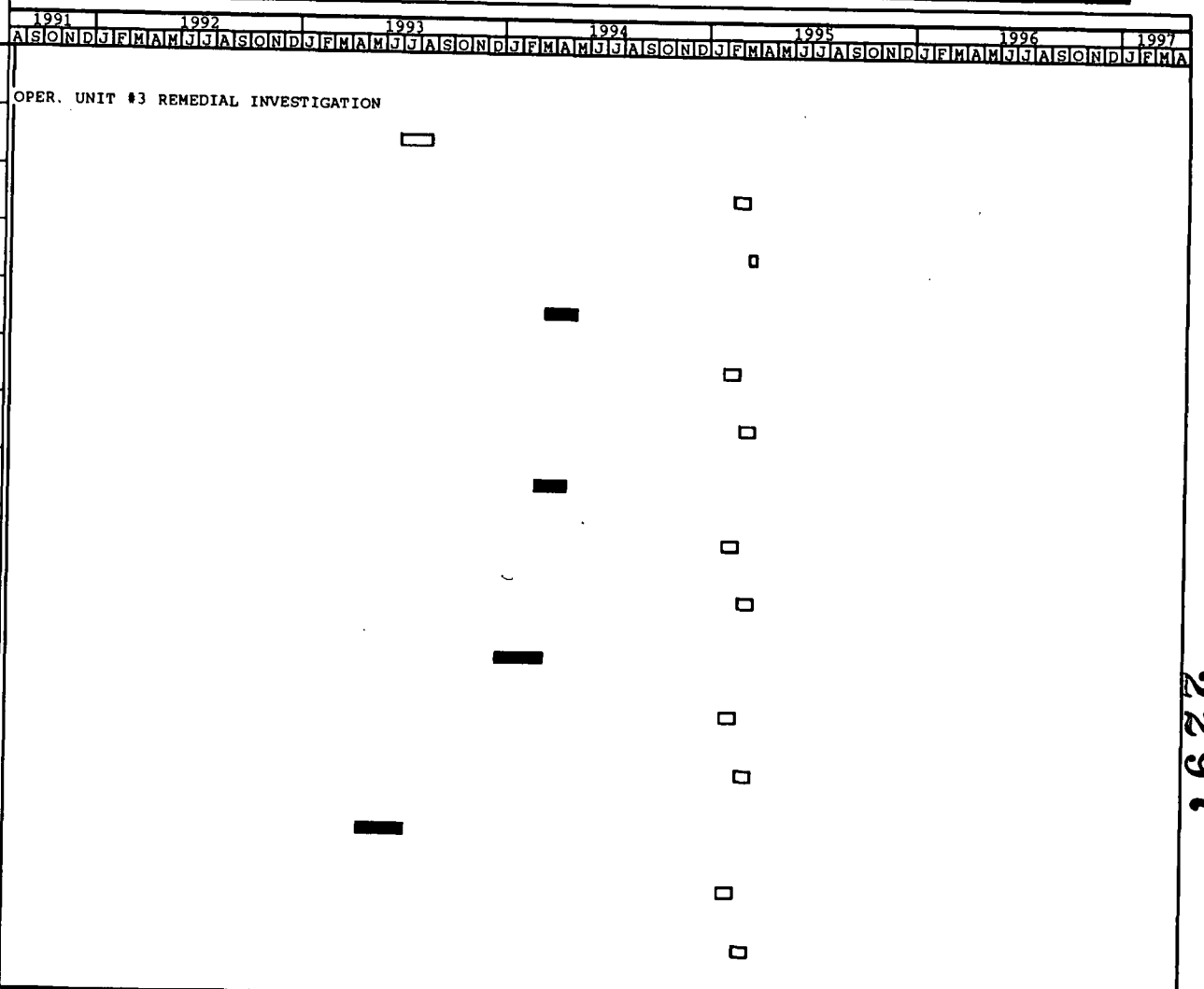


ADMINISTRATION BUILDINGS REPORT 3206A25101 OD 41 RD 41 LS 29JUN93 LF 24AUG93		
DOE/WMCO REVIEW AND COMMENT 3206A25103 OD 21 RD 21 LS 15FEB95 LF 15MAR95		
RESOLVE AND INCORPORATE COMMENTS 3206A25108 OD 10 RD 10 LS 16MAR95 LF 29MAR95		
BULK CONTAMINANTS REPORT 3206A25111 OD 41 RD 41 LS 18MAR94 LF 13MAY94		
DOE/WMCO REVIEW AND COMMENT 3206A25113 OD 21 RD 21 LS 31JAN95 LF 28FEB95		
RESOLVE AND INCORPORATE COMMENTS 3206A25118 OD 21 RD 21 LS 1MAR95 LF 29MAR95		
WAREHOUSE STORAGE AREAS REPORT 3206A25121 OD 40 RD 40 LS 3MAR94 LF 27APR94		
DOE/WMCO REVIEW AND COMMENT 3206A25123 OD 21 RD 21 LS 31JAN95 LF 28FEB95		
RESOLVE AND INCORPORATE COMMENTS 3206A25128 OD 21 RD 21 LS 1MAR95 LF 29MAR95		
CHEMICAL PROCESS PLANTS REPORT 3206A25131 OD 60 RD 60 LS 28DEC93 LF 21MAR94		
DOE/WMCO REVIEW AND COMMENT 3206A25133 OD 21 RD 21 LS 31JAN95 LF 28FEB95		
RESOLVE AND INCORPORATE COMMENTS 3206A25135 OD 21 RD 21 LS 1MAR95 LF 29MAR95		
METAL PROCESS PLANTS REPORT 3206A25138 OD 60 RD 60 LS 28APR93 LF 20JUL93		
DOE/WMCO REVIEW AND COMMENT 3206A25141 OD 21 RD 21 LS 31JAN95 LF 28FEB95		
RESOLVE AND INCORPORATE COMMENTS 3206A25143 OD 21 RD 21 LS 1MAR95 LF 29MAR95		



Activity Bar/Late Dates
Critical Activity
Progress Bar

Primavera Systems, Inc. 1984-1991

Project Start : 31OCT90
Project Finish: 4MAY01

RI/FS PROJECT SCHEDULES
FERNALD ENVIRONMENTAL MGMT. PROJECT
OPERABLE UNIT 3 BAR CHART LEVEL IV

Sheet 8 of 16

Data Date: 10AUG91
Plot Date: 12SEP91

Prepared by ASI/IT Corp.

Date	Revision	Checked	Approved

000197

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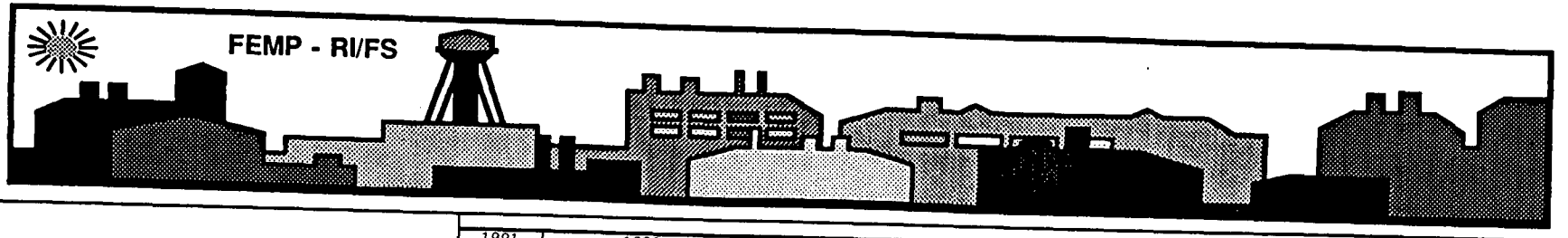
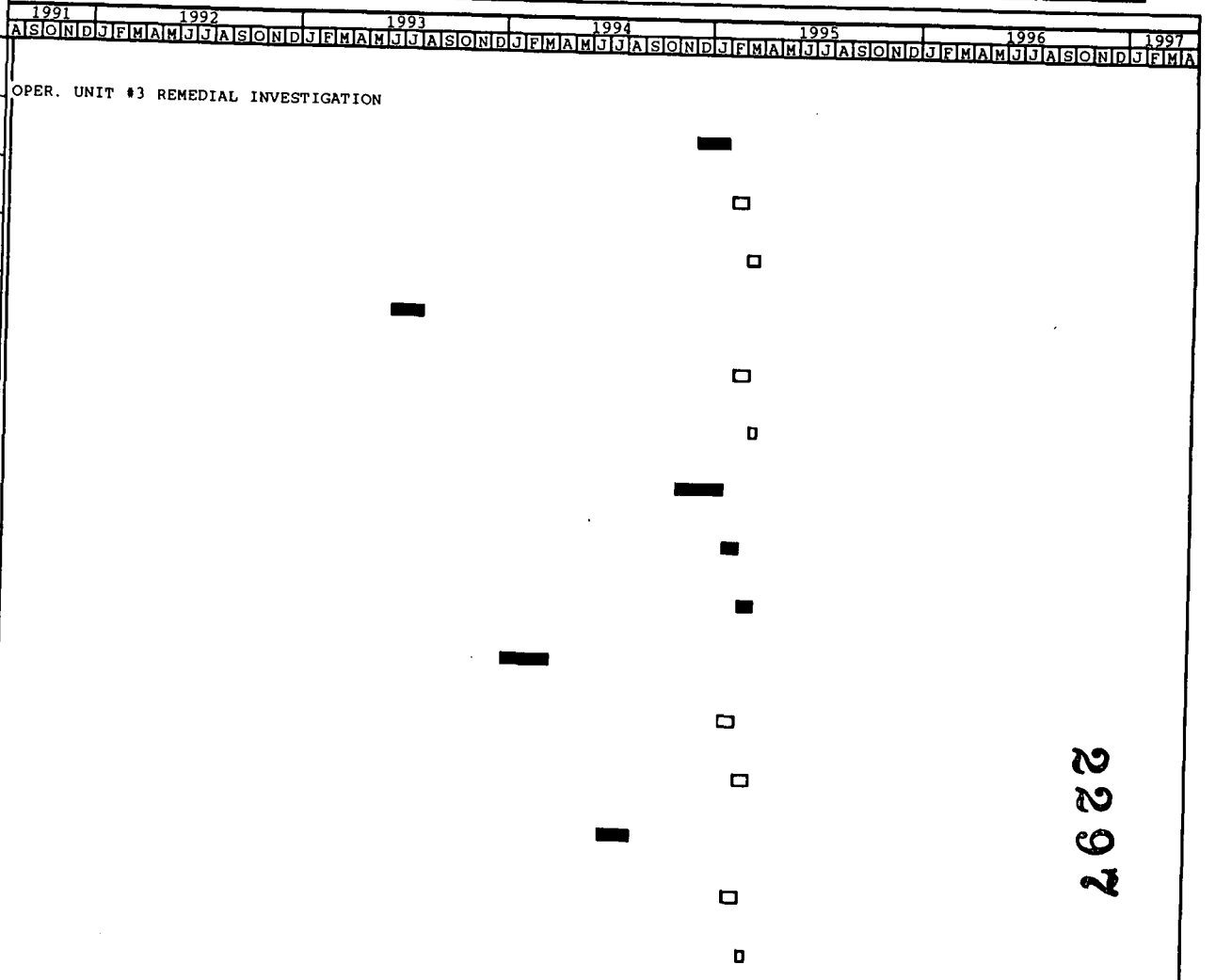


SUPPORT FACILITIES REPORT 3206A25145	OD 40	RD 40	LS 6DEC94 LF 30JAN95
DOE/WMCO REVIEW AND COMMENT 3206A25148	OD 21	RD 21	LS 8FEB95 LF 8MAR95
RESOLVE AND INCORPORATE COMMENTS 3206A25151	OD 15	RD 15	LS 9MAR95 LF 29MAR95
PONDS/BASINS REPORT 3206A25153	OD 40	RD 40	LS 18JUN93 LF 12AUG93
DOE/WMCO REVIEW AND COMMENT 3206A25155	OD 21	RD 21	LS 15FEB95 LF 15MAR95
RESOLVE AND INCORPORATE COMMENTS 3206A25158	OD 10	RD 10	LS 16MAR95 LF 29MAR95
SUBSURFACE TANKS/UTILITIES/EQUIPMENT REPORT 3206A25161	OD 60	RD 60	LS 8NOV94 LF 30JAN95
DOE/WMCO REVIEW AND COMMENT 3206A25163	OD 21	RD 21	LS 31JAN95 LF 28FEB95
RESOLVE AND INCORPORATE COMMENTS 3206A25165	OD 21	RD 21	LS 1MAR95 LF 29MAR95
ABOVE GROUND TANKS/UTILITIES/EQUIPMENT REPORT 3206A25168	OD 60	RD 60	LS 11JAN94 LF 4APR94
DOE/WMCO REVIEW AND COMMENT 3206A25171	OD 21	RD 21	LS 31JAN95 LF 28FEB95
RESOLVE AND INCORPORATE COMMENTS 3206A25173	OD 21	RD 21	LS 1MAR95 LF 29MAR95
PARKING LOT, RAILROAD TRACKS, ROADS REPORT 3206A25175	OD 40	RD 40	LS 7JUL94 LF 31AUG94
DOE/WMCO REVIEW AND COMMENT 3206A25178	OD 21	RD 21	LS 15FEB95 LF 15MAR95
RESOLVE AND INCORPORATE COMMENTS 3206A25181	OD 10	RD 10	LS 16MAR95 LF 29MAR95



Activity Bar/Late Dates
Critical Activity
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Primavera Systems, Inc. 1984-1991

RI/FS PROJECT SCHEDULES
FERNALD ENVIRONMENTAL MGMT. PROJECT
OPERABLE UNIT 3 BAR CHART LEVEL IV

Project Start : 31OCT90
Project Finish: 4MAY01

Sheet 9 of 16

Data Date: 10AUG91
Plot Date: 12SEP91

Prepared by ASI/IT Corp.

Date	Revision	Checked	Approved

2297

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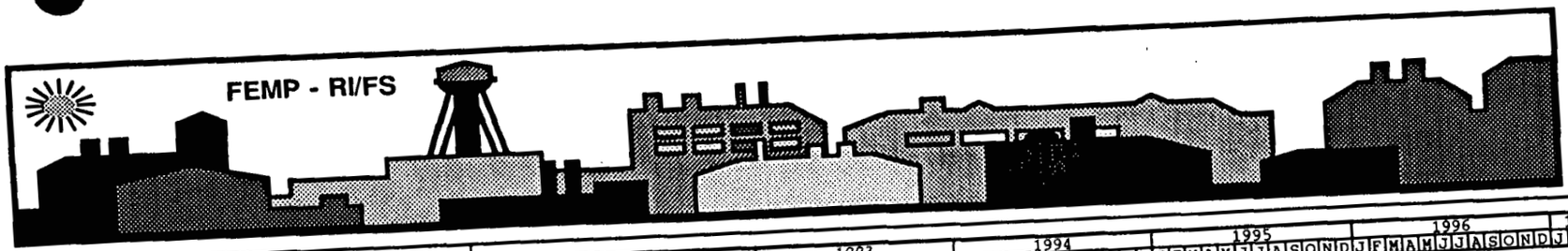
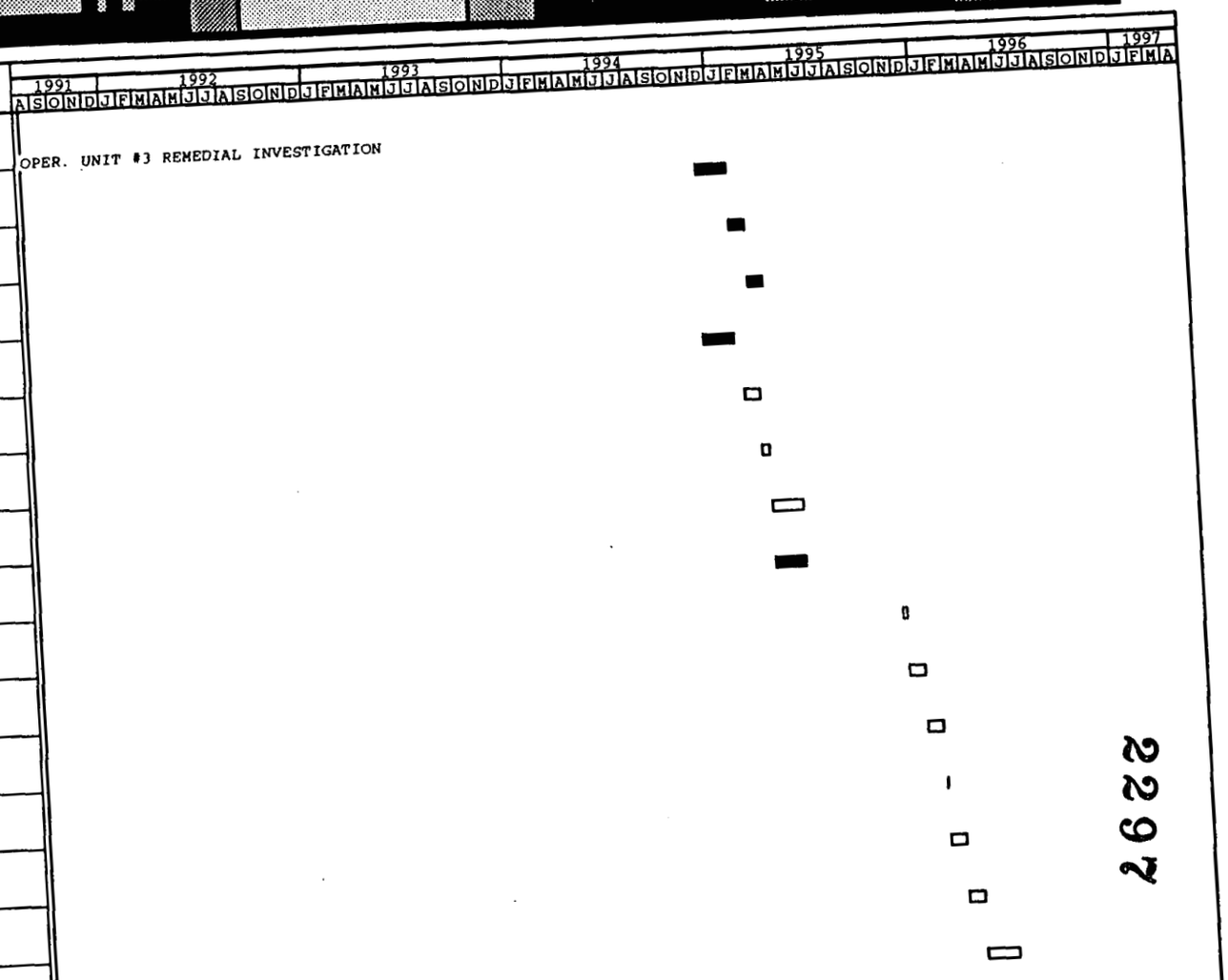


WASTE PROCESSING FACILITIES REPORT 3206A25183	OD 40	RD 40	
LS 6DEC94	LF 30JAN95		
DOE/WMCO REVIEW AND COMMENT 3206A25185	OD 21	RD 21	
LS 31JAN95	LF 28FEB95		
RESOLVE AND INCORPORATE COMMENTS 3206A25188	OD 21	RD 21	
LS 1MAR95	LF 29MAR95		
FMPC INVENTORY REPORT 3206A25191	OD 40	RD 40	
LS 6DEC94	LF 30JAN95		
DOE/WMCO REVIEW AND COMMENT 3206A25193	OD 21	RD 21	
LS 15FEB95	LF 15MAR95		
RESOLVE AND INCORPORATE COMMENTS 3206A25195	OD 10	RD 10	
LS 16MAR95	LF 29MAR95		
INTEGRATE REMOVAL ACTIONS 3206A25196	OD 40	RD 40	
LS 30MAR95	LF 24MAY95		
ASSEMBLE AND COMP RI RPT 3206A25197	OD 40	RD 40	
LS 30MAR95	LF 24MAY95		
INTERNAL REVIEW 3206A25199	OD 5	RD 5	
LS 9NOV95	LF 15NOV95		
DOE/WMCO REVIEW AND COMMENT 3206A25501	OD 21	RD 21	
LS 16NOV95	LF 14DEC95		
INCORPORATE DOE/WMCO COMMENTS 3206A25503	OD 21	RD 21	
LS 15DEC95	LF 12JAN96		
SUBMIT REVISED DRAFT TO DOE 3206A25520	OD 1	RD 1	
LS 15JAN96	LF 15JAN96		
EM-1 REVIEW AND COMMENT 3206A25570	OD 21	RD 21	
LS 16JAN96	LF 13FEB96		
INCORPORATE EM-1 COMMENTS 3206A25580	OD 21	RD 21	
LS 14FEB96	LF 13MAR96		
EPA REVIEW AND COMMENT OF OU3 RI 3206A25610	OD 42	RD 42	
LS 14MAR96	LF 10MAY96		



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Activity Bar/Late Dates
Critical Activity
Progress Bar

Primavera Systems, Inc. 1984-1991

RI/FS PROJECT SCHEDULES
FERNALD ENVIRONMENTAL MGMT. PROJECT
OPERABLE UNIT 3 BAR CHART LEVEL IV

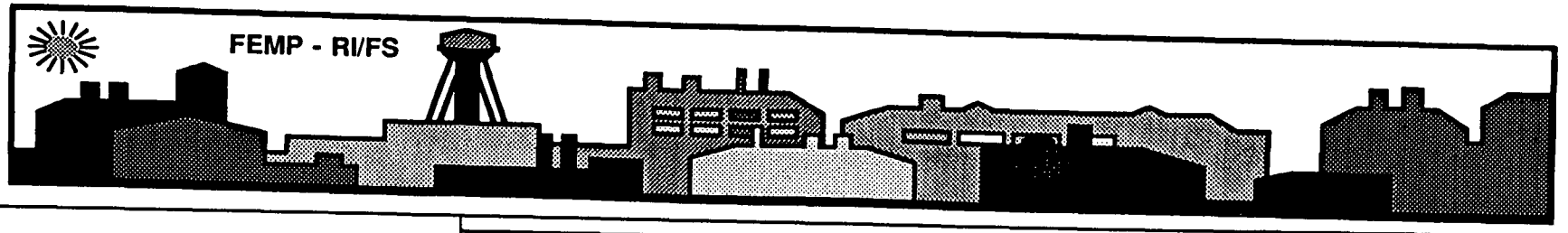
Project Start : 31OCT90
Project Finish: 4MAY01

Sheet 10 of 16

Data Date: 10AUG91
Plot Date: 12SEP91

Prepared by ASI/IT Corp.

Date	Revision	Checked	Approved



1991 1992 1993 1994 1995 1996 1997

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OPER. UNIT #3 REMEDIAL INVESTIGATION

INCORPORATE EPA COMMENTS 3206A25620	OD 21	RD 21	LS 13MAY96 LF 10JUN96
EPA REVIEW AND APPROVE 3206A25625	OD 21	RD 21	LS 11JUN96 LF 9JUL96
INCORPORATE EPA FINAL COMMENTS 3206A25710	OD 12	RD 12	LS 10JUL96 LF 25JUL96
INTERNAL REVIEW 3206A25720	OD 3	RD 3	LS 26JUL96 LF 30JUL96
PRINT AND DIST FINAL RI REPORT 3206A25730	OD 5	RD 5	LS 31JUL96 LF 6AUG96

OPER. UNIT #3 INIT. SCREENING OF ALTERN.

DEVELOP PRELIMINARY RAOs 3312A09101	OD 10	RD 10	LS 5APR94 LF 18APR94
DEVELOP GENERAL RESPONSE ACTIONS 3312A09103	OD 5	RD 5	LS 19APR94 LF 25APR94
IDENTIFY TECHNOLOGY TYPES 3312A09105	OD 20	RD 20	LS 26APR94 LF 23MAY94
IDENTIFY PROCESS OPTIONS AND SCREEN TECHS 3312A09108	OD 40	RD 40	LS 24MAY94 LF 18JUL94
EVALUATE PROCESS OPTIONS 3312A09111	OD 21	RD 21	LS 19JUL94 LF 16AUG94
CREATE ALTERNATIVES 3312A09113	OD 20	RD 20	LS 17AUG94 LF 13SEP94
UPDATE PRELIMINARY ARARS 3312A09114	OD 10	RD 10	LS 22MAR94 LF 4APR94
PREPARE ISA COST ESTIMATE 3312A09115	OD 20	RD 20	LS 14SEP94 LF 11OCT94
SCREEN ALTERNATIVES 3312A09118	OD 20	RD 20	LS 12OCT94 LF 8NOV94

22297

Activity Bar/Late Dates
Critical Activity
Progress Bar

Primavera Systems, Inc. 1984-1991

Project Start : 31OCT90
Project Finish: 4MAY01

RI/FS PROJECT SCHEDULES
FERNALD ENVIRONMENTAL MGMT. PROJECT
OPERABLE UNIT 3 BAR CHART LEVEL IV

Sheet 11 of 16

Data Date: 10AUG91
Plot Date: 12SEP91

Prepared by ASI/IT Corp.

Date	Revision	Checked	Approved

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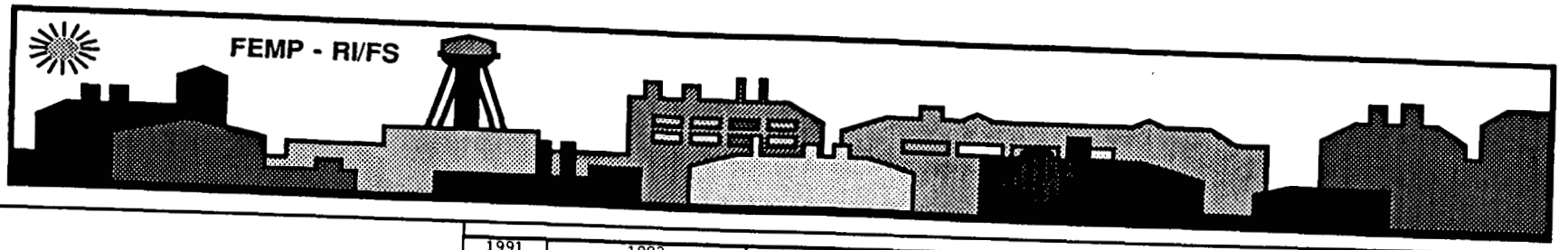

1991 1992 1993 1994 1995 1996 1997

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OPER. UNIT #3 INIT. SCREENING OF ALTERN.

COMPLETE ISA REPORT 3312A09121	OD 10	RD 10	LS 9NOV94 LF 22NOV94
INTERNAL REVIEW 3312A09123	OD 5	RD 5	LS 23NOV94 LF 29NOV94
DOE/WMCO REVIEW AND COMMENT 3312A09501	OD 21	RD 21	LS 30NOV94 LF 28DEC94
INCORPORATE DOE/WMCO COMMENTS 3312A09503	OD 21	RD 21	LS 29DEC94 LF 26JAN95
EM-1 REVIEW AND COMMENT 3312A09511	OD 21	RD 21	LS 27JAN95 LF 24FEB95
INCORPORATE EM-1 COMMENTS 3312A09513	OD 21	RD 21	LS 27FEB95 LF 27MAR95
EPA REVIEW AND COMMENT 3312A09601	OD 42	RD 42	LS 28MAR95 LF 24MAY95
INCORPORATE EPA COMMENTS 3312A09603	OD 21	RD 21	LS 8NOV95 LF 6DEC95
EPA REVIEW AND APPROVE ISA 3312A09605	OD 21	RD 21	LS 7DEC95 LF 4JAN96
INCORPORATE EPA FINAL COMMENTS 3312A09608	OD 12	RD 12	LS 5JAN96 LF 22JAN96
INTERNAL REVIEW 3312A09611	OD 3	RD 3	LS 23JAN96 LF 25JAN96
PRINT AND DISTRIBUTE FINAL REPORT 3312A09613	OD 5	RD 5	LS 26JAN96 LF 1FEB96

OPER. UNIT #3 FEASIBILITY STUDY/PROP. PLAN

REVISE ALTERNATIVES 3315A30101	OD 40	RD 40	LS 25MAY95 LF 19JUL95
PERFORM F/T MODELING 3315A30103	OD 30	RD 30	LS 20JUL95 LF 30AUG95

Activity Bar/Late Dates
Critical Activity
Progress Bar

Primavera Systems, Inc. 1984-1991

Project Start : 31OCT90
Project Finish: 4MAY01

RI/FS PROJECT SCHEDULES
FERNALD ENVIRONMENTAL MGMT. PROJECT
OPERABLE UNIT 3 BAR CHART LEVEL IV

Sheet 12 of 16

Data Date: 10AUG91
Plot Date: 12SEP91

Prepared by ASI/IT Corp.

Date	Revision	Checked	Approved

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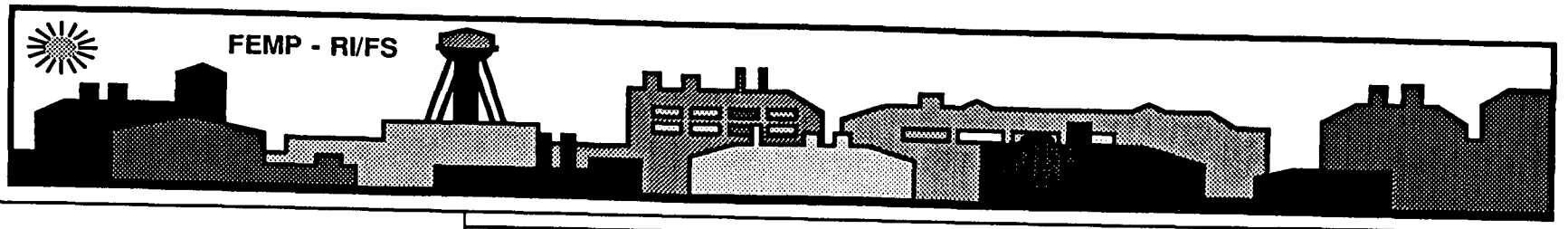
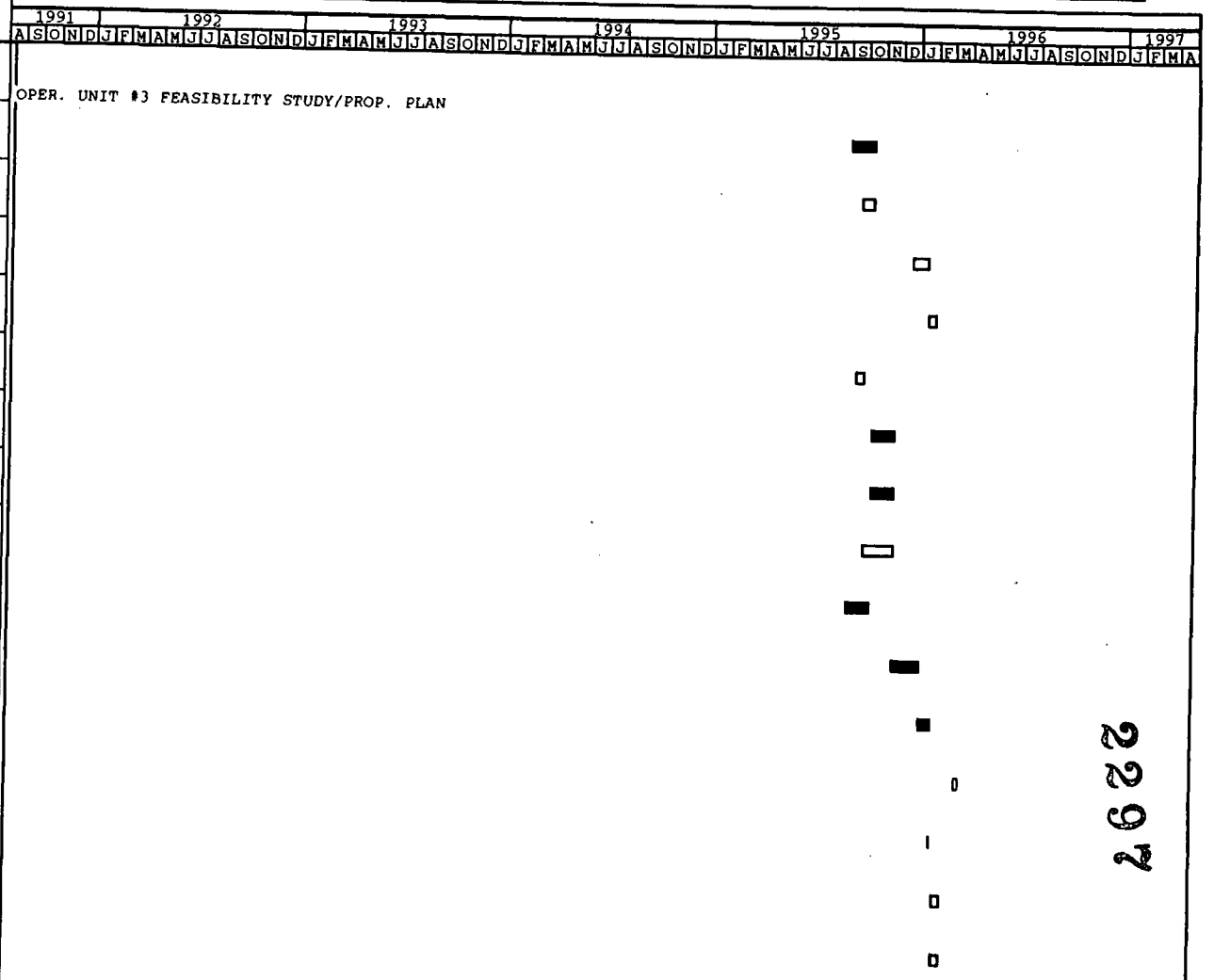


EVAL EXP/RISK/TOXICITY 3315A30105	OD 30	RD 30	
LS 31AUG95	LF 11OCT95		
EVAL EXPOSURE DURING REM. 3315A30108	OD 15	RD 15	
LS 21SEP95	LF 11OCT95		
PREPARE FS-RA APPENDIX 3315A30111	OD 20	RD 20	
LS 21DEC95	LF 17JAN96		
INTERNAL REVIEW OF FS-RA 3315A30113	OD 10	RD 10	
LS 18JAN96	LF 31JAN96		
REVISE ALT DESCRIPTION 3315A30115	OD 10	RD 10	
LS 14SEP95	LF 27SEP95		
EVAL ALT EFFECTIVENESS 3315A30118	OD 30	RD 30	
LS 12OCT95	LF 22NOV95		
EVAL ALT IMPLEMENTABILITY 3315A30121	OD 30	RD 30	
LS 12OCT95	LF 22NOV95		
REVISE ALT COST ESTIMATE 3315A30123	OD 40	RD 40	
LS 28SEP95	LF 22NOV95		
NEPA ANALYSIS 3315A30125	OD 30	RD 30	
LS 31AUG95	LF 11OCT95		
COMPARATIVE ANALYSIS 3315A30128	OD 35	RD 35	
LS 23NOV95	LF 10JAN96		
PREPARE DAA CHAPTER 3315A30131	OD 15	RD 15	
LS 11JAN96	LF 31JAN96		
INTERNAL REVIEW - FS/PP 3315A30133	OD 5	RD 5	
LS 15MAR96	LF 21MAR96		
INCORPORATE DAA CHAPTERS 3315A40101	OD 1	RD 1	
LS 1FEB96	LF 1FEB96		
PREPARE QA SECTIONS OF FS 3315A40122	OD 10	RD 10	
LS 9FEB96	LF 22FEB96		
PREPARE NEPA APPENDIX 3315A40123	OD 10	RD 10	
LS 9FEB96	LF 22FEB96		



Activity Bar/Late Dates
Critical Activity
Progress Bar

Primavera Systems, Inc. 1984-1991

Project Start : 31OCT90
Project Finish: 4MAY01

RI/FS PROJECT SCHEDULES
FERNALD ENVIRONMENTAL MGMT. PROJECT
OPERABLE UNIT 3 BAR CHART LEVEL IV

Sheet 13 of 16

Data Date: 10AUG91
Plot Date: 12SEP91

Prepared by ASI/IT Corp.

Date	Revision	Checked	Approved

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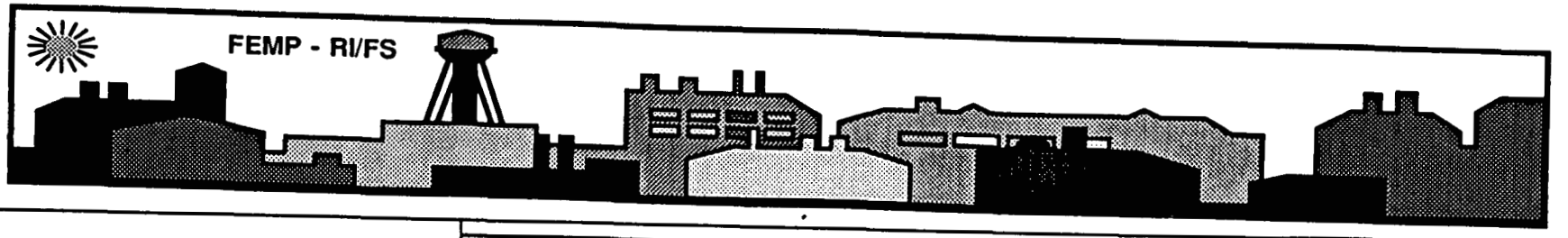
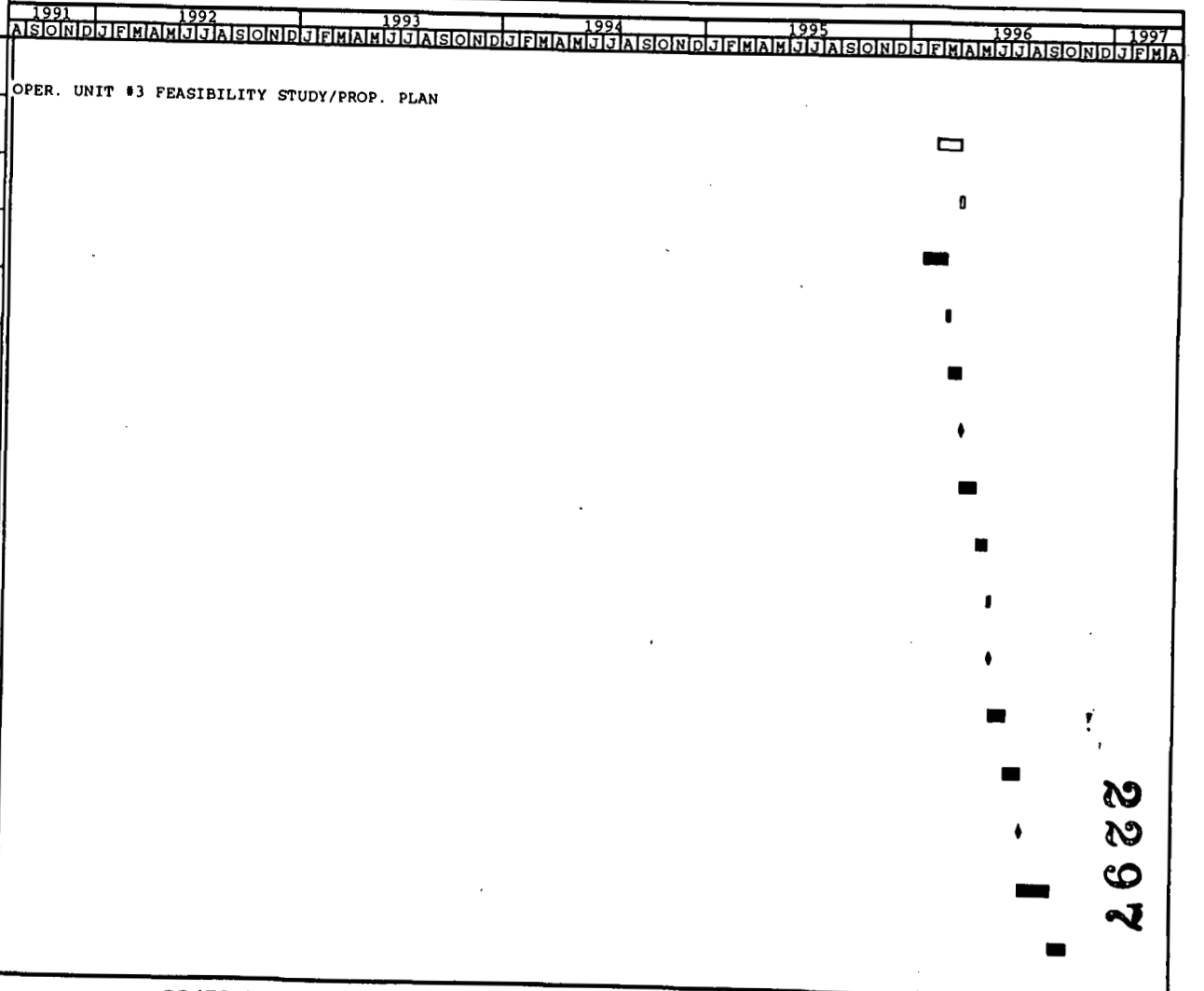


PREPARE INTERNAL DRAFT - FS 3315A40125	OD 30	RD 30	LS 23FEB96 LF 4APR96
INTERNAL REVIEW - FS 3315A40130	OD 5	RD 5	LS 5APR96 LF 11APR96
PREPARE INTERNAL DRAFT PROPOSED PLAN 3315A41201	OD 30	RD 30	LS 2FEB96 LF 14MAR96
COMMUNITY RELATIONS REVIEW - PP 3315A41202	OD 5	RD 5	LS 15MAR96 LF 21MAR96
INCORPORATE FS/PP INTERNAL REVIEW COMMENTS 3315A41208	OD 15	RD 15	LS 22MAR96 LF 11APR96
SUBMIT DRAFT TO DOE/WMCO 3315A41501	OD 0	RD 0	LS 12APR96
DOE/WMCO REVIEW & COMMENT -FS/PP 3315A41504	OD 21	RD 21	LS 12APR96 LF 10MAY96
INCORPORATE DOE/WMCO COMMENTS 3315A41516	OD 15	RD 15	LS 13MAY96 LF 31MAY96
INTERNAL REVIEW - FS/PP 3315A41517	OD 5	RD 5	LS 3JUN96 LF 7JUN96
SUBMIT DRAFT FS/PP TO EM-1 3315A41530	OD 0	RD 0	LF 7JUN96
EM-1 REVIEW & APPROVE 3315A41532	OD 21	RD 21	LS 10JUN96 LF 8JUL96
INCORPORATE EM-1 COMMENTS 3315A41535	OD 21	RD 21	LS 9JUL96 LF 6AUG96
SUBMIT EPA DRAFT FS/PP 3315A41605	OD 0	RD 0	LS 7AUG96
EPA REVIEW & COMMENT - OU3 FS/PP 3315A41606	OD 42	RD 42	LS 7AUG96 LF 3OCT96
INCORPORATE EPA COMMENTS 3315A41607	OD 21	RD 21	LS 4OCT96 LF 1NOV96



Activity Bar/Late Dates
Critical Activity
Progress Bar

Primavera Systems, Inc. 1984-1991

Project Start : 31OCT90
Project Finish: 4MAY01

RI/FS PROJECT SCHEDULES
FERNALD ENVIRONMENTAL MGMT. PROJECT
OPERABLE UNIT 3 BAR CHART LEVEL IV

Sheet 14 of 16

Data Date: 10AUG91
Plot Date: 12SEP91

Prepared by ASI/IT Corp.

Date	Revision	Checked	Approved

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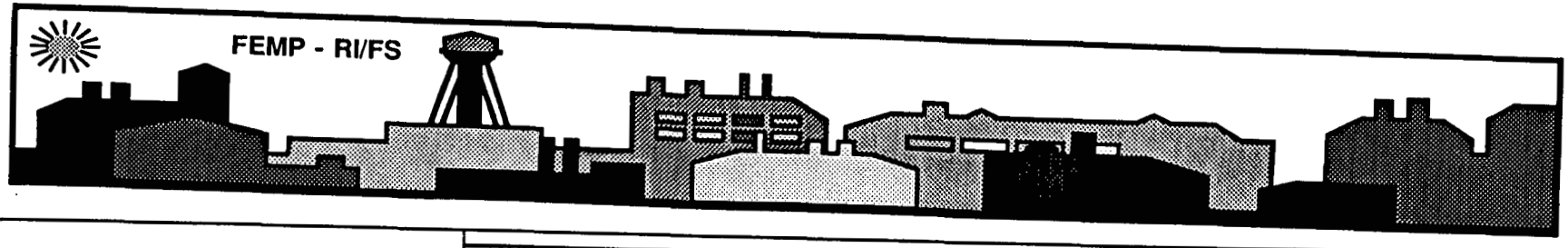

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OPER. UNIT #3 FEASIBILITY STUDY/PROP. PLAN

EPA REVIEW & APPROVAL
3315A41620 OD 21 RD 21
LS 4NOV96 LF 2DEC96

INCORPORATE EPA FINAL COMMENTS
3315A41710 OD 12 RD 12
LS 3DEC96 LF 18DEC96

INTERNAL REVIEW OF FINAL FS/PP
3315A41720 OD 3 RD 3
LS 19DEC96 LF 23DEC96

PRINT AND DIST FINAL FS/PP
3315A41730 OD 5 RD 5
LS 24DEC96 LF 30DEC96

OPER. UNIT #3 CUMULATIVE FS RISK ASSESSMENT

INTEGRATE FINAL OU3 RA DATA
3316A82131 OD 40 RD 40
LS 15JUN95 LF 9AUG95

UPDATE SITEWIDE RME
3316A82133 OD 15 RD 15
LS 10AUG95 LF 30AUG95

UPDATE EVAL OF CHEMICALS OF CONCERN
3316A82135 OD 30 RD 30
LS 31AUG95 LF 11OCT95

UPDATE EVALUATION OF RISKS
3316A82138 OD 10 RD 10
LS 12OCT95 LF 25OCT95

UPDATE CUMULATIVE FS RA APPENDIX
3316A82141 OD 20 RD 20
LS 26OCT95 LF 22NOV95

OPER. UNIT #3 NOTICE OF AVAILABILITY

DRAFT NOTICE OF AVAILABILITY (NOA)
3317A42101 OD 15 RD 15
LS 27AUG96 LF 16SEP96

DOE/HQ REVIEW AND COMMENT ON NOA
3317A42103 OD 30 RD 30
LS 17SEP96 LF 28OCT96

INCORPORATE DOE NOA COMMENTS
3317A42105 OD 15 RD 15
LS 29OCT96 LF 18NOV96

PRINT AND REPRODUCE NOA
3317A42107 OD 30 RD 30
LS 19NOV96 LF 30DEC96

Activity Bar/Late Dates
Critical Activity
Progress Bar

Primavera Systems, Inc. 1984-1991

Project Start : 31OCT90
Project Finish: 4MAY01

RI/FS PROJECT SCHEDULES
FERNALD ENVIRONMENTAL MGMT. PROJECT
OPERABLE UNIT 3 BAR CHART LEVEL IV

Sheet 15 of 16

Data Date: 10AUG91
Plot Date: 12SEP91

Prepared by ASI/IT Corp.

Date	Revision	Checked	Approved

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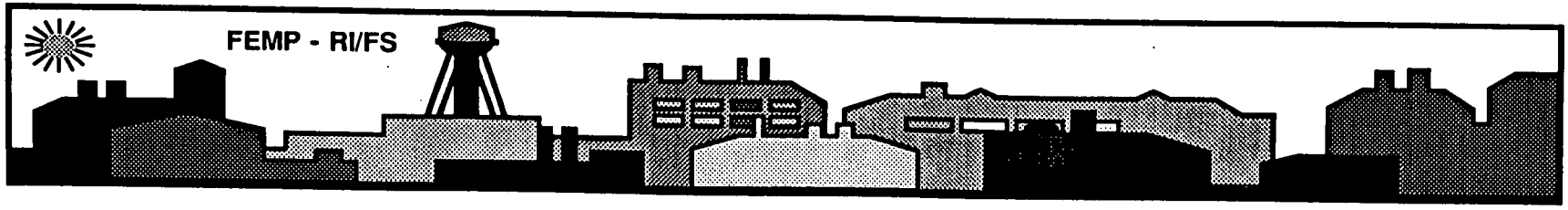
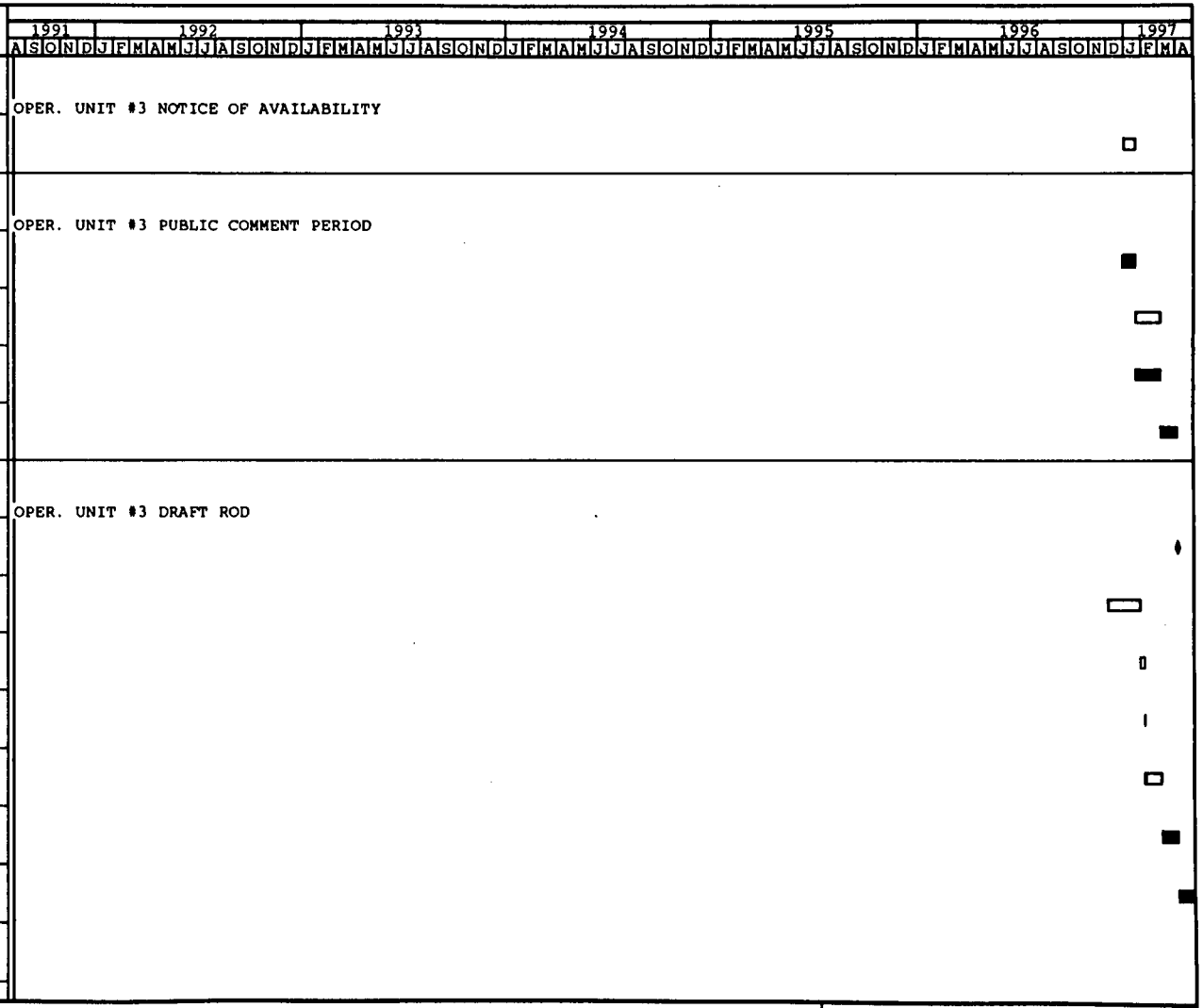


	OPER. UNIT #3 NOTICE OF AVAILABILITY
PUBLISH NOA 3317A42109 OD 15 RD 15 LS 31DEC96 LF 20JAN97	
	OPER. UNIT #3 PUBLIC COMMENT PERIOD
ISSUE NOTICE TO PUBLIC 3318A40020 OD 15 RD 15 LS 31DEC96 LF 20JAN97	
EPA NEPA COORDINATOR EIS REVIEW 3318A40025 OD 32 RD 32 LS 21JAN97 LF 5MAR97	
PUBLIC COMMENT PERIOD 3318A40030 OD 32 RD 32 LS 21JAN97 LF 5MAR97	
EVAL & RESPOND TO PUBLIC COMMENTS 3318A40100 OD 21 RD 21 LS 6MAR97 LF 3APR97	
	OPER. UNIT #3 DRAFT ROD
INCORP RESPONSIVENESS SUMMARY 3319A50070 OD 0 RD 0 LF 3APR97	
PREPARE DECISION SUMMARY 3319A50080 OD 42 RD 42 LS 2DEC96 LF 28JAN97	
INTERNAL REVIEW 3319A50100 OD 5 RD 5 LS 29JAN97 LF 4FEB97	
SUBMIT OU3 DRAFT ROD TO DOE 3319A50501 OD 1 RD 1 LS 5FEB97 LF 5FEB97	
DOE/WMCO REVIEW & COMMENT 3319A50530 OD 21 RD 21 LS 6FEB97 LF 6MAR97	
INCORP DOE/WMCO COMMENTS OU3 DRAFT ROD 3319A50550 OD 20 RD 20 LS 7MAR97 LF 3APR97	
EM-1 REVIEW, REVISE & APPROVE 3319A50592 OD 20 RD 20 LS 4APR97 LF 1MAY97	
DOE SUBMIT OU3 EPA DRAFT ROD TO EPA 3319A50600 OD 1 RD 1 LS 2MAY97 LF 2MAY97	



Activity Bar/Late Dates
Critical Activity
Progress Bar

Primavera Systems, Inc. 1984-1991

RI/FS PROJECT SCHEDULES
FERNALD ENVIRONMENTAL MGMT. PROJECT
OPERABLE UNIT 3 BAR CHART LEVEL IV

Project Start : 31OCT90
Project Finish: 4MAY01

Sheet 16 of 16

Data Date: 10AUG91
Plot Date: 12SEP91

Prepared by ASI/IT Corp.

Date	Revision	Checked	Approved

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22297

Detailed Precedence Analysis

RI/FS PROJECT SCHEDULES | PRIMAVERA PROJECT PLANNER | FERNALD ENVIRONMENTAL MGMT. PROJECT

REPORT DATE 12SEP91 RUN NO. 472 | Prepared by ASI/IT Corp. | START DATE 31OCT90 FIN DATE 4MAY01
14:30

SCHED REP - DETAILED PRECEDENCE ANALYSIS OU 3 | DATA DATE 10AUG91 PAGE NO. 1

ACTIVITY ID	ORIG DUR	REM DUR	%	CODE	ACTIVITY DESCRIPTION	LATE START	LATE FINISH
PROCESS KNOWLEDGE INFORMATION							
3200A05101	15	0	100	32	PREPARE PROCESS KNOWLEDGE-INTERVIEW CHECKLIST	1JUL91A	19JUL91A
..3200A02100*	305	275	10	S SS 0	SCOPING OF OPER. UNIT #3	1JUL91A	28AUG92
..3200A05108	70	55	21	S FS 0	INTERVIEW PLANT EMP FOR PROCESS KNOWLEDGE DATA	22JUL91A	15NOV91
3200A05108	70	55	21	32	INTERVIEW PLANT EMP FOR PROCESS KNOWLEDGE DATA	22JUL91A	15NOV91
..3200A05101	15	0	100	P FS 0	PREPARE PROCESS KNOWLEDGE-INTERVIEW CHECKLIST	1JUL91A	19JUL91A
..3200A05111*	10	10	0	S FS 0	ANALYZE PROCESS KNOWLEDGE INFO	18NOV91	29NOV91
3200A05111	10	10	0	32	ANALYZE PROCESS KNOWLEDGE INFO	18NOV91	29NOV91
..3200A05108*	70	55	21	P FS 0	INTERVIEW PLANT EMP FOR PROCESS KNOWLEDGE DATA	22JUL91A	15NOV91
..3200A06101	10	10	0	S FS 0	DEV POTENTIAL REMEDIAL ACTION OBJECTIVES	16DEC91	27DEC91
..3200A06102	42	42	0	S FS 0	DEVELOP OU3 CONCEPTUAL MODEL	30DEC91	25FEB92
..3200A06105	20	20	0	S FS 0	IDENTIFY PRELIMINARY ARARS	2DEC91	27DEC91
..3202A08101	20	20	0	S FS 0	REVISE FS WORK PLAN	9MAR92	3APR92
..3202A08102	40	40	0	S FS 0	REVISE RI/FS WORK PLAN	10FEB92	3APR92
..3202A08105	85	85	0	S FS 0	REVISE RI/FS SAMPLING AND ANALYSIS PLAN	9DEC91	3APR92
..3202A08120	40	40	0	S FS 0	REVISE HEALTH & SAFETY PLAN	10FEB92	3APR92
3200A05113	110	80	27	32	REVIEW EXISTING AVAILABLE DATA	1JUL91A	29NOV91
..3200A06101*	10	10	0	S FS 0	DEV POTENTIAL REMEDIAL ACTION OBJECTIVES	16DEC91	27DEC91
..3200A06102	42	42	0	S FS 0	DEVELOP OU3 CONCEPTUAL MODEL	30DEC91	25FEB92
..3200A06105*	20	20	0	S FS 0	IDENTIFY PRELIMINARY ARARS	2DEC91	27DEC91
..3202A08101	20	20	0	S FS 0	REVISE FS WORK PLAN	9MAR92	3APR92
..3202A08102*	40	40	0	S FS 0	REVISE RI/FS WORK PLAN	10FEB92	3APR92
..3202A08105*	85	85	0	S FS 0	REVISE RI/FS SAMPLING AND ANALYSIS PLAN	9DEC91	3APR92
..3202A08120*	40	40	0	S FS 0	REVISE HEALTH & SAFETY PLAN	10FEB92	3APR92
DEVELOP OU3 OBJECTIVE/ALTERNATIVES							
3200A06101	10	10	0	32	DEV POTENTIAL REMEDIAL ACTION OBJECTIVES	16DEC91	27DEC91
..3200A05111	10	10	0	P FS 0	ANALYZE PROCESS KNOWLEDGE INFO	18NOV91	29NOV91
..3200A05113*	110	80	27	P FS 0	REVIEW EXISTING AVAILABLE DATA	1JUL91A	29NOV91
..3200A06102	42	42	0	S SS 10	DEVELOP OU3 CONCEPTUAL MODEL	30DEC91	25FEB92
..3202A08101	20	20	0	S FS 0	REVISE FS WORK PLAN	9MAR92	3APR92
3200A06102	42	42	0	32	DEVELOP OU3 CONCEPTUAL MODEL	30DEC91	25FEB92
..3200A05111	10	10	0	P FS 0	ANALYZE PROCESS KNOWLEDGE INFO	18NOV91	29NOV91
..3200A05113	110	80	27	P FS 0	REVIEW EXISTING AVAILABLE DATA	1JUL91A	29NOV91
..3200A06101	10	10	0	P SS 10	DEV POTENTIAL REMEDIAL ACTION OBJECTIVES	16DEC91	27DEC91
..3200A06105*	20	20	0	P SS 20	IDENTIFY PRELIMINARY ARARS	2DEC91	27DEC91
..3200A06103*	50	50	0	S SS 0	DEVELOPMENT OF PRELIM REMEDIAL ACTN ALTERNATIVES	30DEC91	6MAR92
..3202A08101	20	20	0	S FF 0	REVISE FS WORK PLAN	9MAR92	3APR92
3200A06103	50	50	0	32	DEVELOPMENT OF PRELIM REMEDIAL ACTN ALTERNATIVES	30DEC91	6MAR92
..3200A06102*	42	42	0	P SS 0	DEVELOP OU3 CONCEPTUAL MODEL	30DEC91	25FEB92

ACTIVITY ID	ORIG DUR	REM DUR	%	CODE	ACTIVITY DESCRIPTION	LATE START	LATE FINISH
..3202A08101*	20	20	0	S FS 0	REVISE FS WORK PLAN	9MAR92	3APR92
..3205A31101*	40	40	0	S FS 0	PREPARE TREATABILITY TEST WORK PLAN	15JUN92	7AUG92
3200A06105	20	20	0	32	IDENTIFY PRELIMINARY ARARS	2DEC91	27DEC91
..3200A05111	10	10	0	P FS 0	ANALYZE PROCESS KNOWLEDGE INFO	18NOV91	29NOV91
..3200A05113*	110	80	27	P FS 0	REVIEW EXISTING AVAILABLE DATA	1JUL91A	29NOV91
..3200A06102*	42	42	0	S SS 20	DEVELOP OU3 CONCEPTUAL MODEL	30DEC91	25FEB92
..3202A08101	20	20	0	S FS 0	REVISE FS WORK PLAN	9MAR92	3APR92
OU3 WORK PLAN REVISIONS							
3202A08101	20	20	0	32	REVISE FS WORK PLAN	9MAR92	3APR92
..3200A05111	10	10	0	P FS 0	ANALYZE PROCESS KNOWLEDGE INFO	18NOV91	29NOV91
..3200A05113	110	80	27	P FS 0	REVIEW EXISTING AVAILABLE DATA	1JUL91A	29NOV91
..3200A06101	10	10	0	P FS 0	DEV POTENTIAL REMEDIAL ACTION OBJECTIVES	16DEC91	27DEC91
..3200A06102	42	42	0	P FF 0	DEVELOP OU3 CONCEPTUAL MODEL	30DEC91	25FEB92
..3200A06103*	50	50	0	P FS 0	DEVELOPMENT OF PRELIM REMEDIAL ACTN ALTERNATIVES	30DEC91	6MAR92
..3200A06105	20	20	0	P FS 0	IDENTIFY PRELIMINARY ARARS	2DEC91	27DEC91
..3202A08123*	21	21	0	S FS 0	DOE/WMCO REVIEW AND COMMENT	6APR92	4MAY92
3202A08102	40	40	0	32	REVISE RI/FS WORK PLAN	10FEB92	3APR92
..3200A05111	10	10	0	P FS 0	ANALYZE PROCESS KNOWLEDGE INFO	18NOV91	29NOV91
..3200A05113*	110	80	27	P FS 0	REVIEW EXISTING AVAILABLE DATA	1JUL91A	29NOV91
..3202A08123	21	21	0	S FS 0	DOE/WMCO REVIEW AND COMMENT	6APR92	4MAY92
3202A08105	85	85	0	32	REVISE RI/FS SAMPLING AND ANALYSIS PLAN	9DEC91	3APR92
..3200A05111	10	10	0	P FS 0	ANALYZE PROCESS KNOWLEDGE INFO	18NOV91	29NOV91
..3200A05113*	110	80	27	P FS 0	REVIEW EXISTING AVAILABLE DATA	1JUL91A	29NOV91
..3202A04100*	195	195	0	S SS 0	OU3 WORK PLAN REVISIONS	9DEC91	28AUG92
..3202A08123	21	21	0	S FS 0	DOE/WMCO REVIEW AND COMMENT	6APR92	4MAY92
3202A08120	40	40	0	32	REVISE HEALTH & SAFETY PLAN	10FEB92	3APR92
..3200A05111	10	10	0	P FS 0	ANALYZE PROCESS KNOWLEDGE INFO	18NOV91	29NOV91
.3200A05113*	110	80	27	P FS 0	REVIEW EXISTING AVAILABLE DATA	1JUL91A	29NOV91
.3202A08123	21	21	0	S FS 0	DOE/WMCO REVIEW AND COMMENT	6APR92	4MAY92
3202A08123	21	21	0	32	DOE/WMCO REVIEW AND COMMENT	6APR92	4MAY92
.3202A08101*	20	20	0	P FS 0	REVISE FS WORK PLAN	9MAR92	3APR92
.3202A08102	40	40	0	P FS 0	REVISE RI/FS WORK PLAN	10FEB92	3APR92
.3202A08105	85	85	0	P FS 0	REVISE RI/FS SAMPLING AND ANALYSIS PLAN	9DEC91	3APR92
.3202A08120	40	40	0	P FS 0	REVISE HEALTH & SAFETY PLAN	10FEB92	3APR92
.3202A08125*	21	21	0	S FS 0	INCORPORATE DOE/WMCO COMMENTS	5MAY92	2JUN92
3202A08125	21	21	0	32	INCORPORATE DOE/WMCO COMMENTS	5MAY92	2JUN92
.3202A08123*	21	21	0	P FS 0	DOE/WMCO REVIEW AND COMMENT	6APR92	4MAY92
.3202A08503*	0	0	0	S FS 0	SUBMIT WORK PLANS TO EPA		2JUN92

RI/FS PROJECT SCHEDULES | PRIMAVERA PROJECT PLANNER | FERNALD ENVIRONMENTAL MGMT. PROJECT

REPORT DATE 12SEP91 14:30 RUN NO. 472 | Prepared by ASI/IT Corp. | START DATE 31OCT90 FIN DATE 4MAY01

SCHED REP - DETAILED PRECEDENCE ANALYSIS OU 3 | DATA DATE 10AUG91 PAGE NO. 3

ACTIVITY ID	ORIG DUR	REM DUR	%	CODE	ACTIVITY DESCRIPTION	LATE START	LATE FINISH
OU3 WORK PLAN REVISIONS							
3202A08503	0	0	0	32	SUBMIT WORK PLANS TO EPA		2JUN92
..3202A08125*	21	21	0	P FS 0	INCORPORATE DOE/WMCO COMMENTS	5MAY92	2JUN92
..3202A08601*	21	21	0	S FS 0	EPA REVIEW AND COMMENT	3JUN92	1JUL92
3202A08601	21	21	0	32	EPA REVIEW AND COMMENT	3JUN92	1JUL92
..3202A08503*	0	0	0	P FS 0	SUBMIT WORK PLANS TO EPA		2JUN92
..3202A08603*	21	21	0	S FS 0	RESPOND TO EPA COMMENTS	2JUL92	30JUL92
..3203A24001*	40	40	0	S FS 0	TECHNICIAN TRAINING AND MOBILIZATION	6JUL92	28AUG92
3202A08603	21	21	0	32	RESPOND TO EPA COMMENTS	2JUL92	30JUL92
..3202A08601*	21	21	0	P FS 0	EPA REVIEW AND COMMENT	3JUN92	1JUL92
..3202A08605*	21	21	0	S FS 0	EPA REVIEW AND APPROVE	31JUL92	28AUG92
3202A08605	21	21	0	32	EPA REVIEW AND APPROVE	31JUL92	28AUG92
..3200A02100*	305	275	10	P FF 0	SCOPING OF OPER. UNIT #3	1JUL91A	28AUG92
..3202A04100*	195	195	0	P FF 0	OU3 WORK PLAN REVISIONS	9DEC91	28AUG92
..3202A08603*	21	21	0	P FS 0	RESPOND TO EPA COMMENTS	2JUL92	30JUL92
..3203A24101*	100	100	0	S FS 0	ADMIN BUILDINGS SAMPLING	31AUG92	15JAN93
..3203A26101*	303	303	0	S FS 0	WAREHOUSE/STORAGE SAMPLING	31AUG92	27OCT93
..3203A27101*	256	256	0	S FS 0	CHEMICAL PROCESS PLANT SAMPLING	31AUG92	23AUG93
..3203A28101*	82	82	0	S FS 0	METAL PROCESS PLANT SAMPLING	31AUG92	22DEC92
..3203A29101	198	198	0	S FS 0	SUPPORT FACILITIES SAMPLING (TEAM 2)	28OCT93	1AUG94
..3203A29113	91	91	0	S FS 0	SUPPORT FACILITIES SAMPLING (TEAM 4)	7SEP93	11JAN94
..3203A32101	184	184	0	S FS 0	ABV GRND TANKS/UTIL/EQUIP SAMPLING	23DEC92	6SEP93
..3203A33101	36	36	0	S FS 0	PARKING LOT/RR TRACKS/ROADS SAMPLING	12JAN94	2MAR94
..3203A34101	187	187	0	S FS 0	WASTE PROCESSING FACILITIES SAMPLING	12NOV93	1AUG94
..3203A35101	108	108	0	S FS 0	FMPC INVENTORY SAMPLING	3MAR94	1AUG94
..3203A36101	195	195	0	S FS 0	BULK CONTAMINANTS SAMPLING	12FEB93	11NOV93
..3203A37101	19	19	0	S FS 0	PONDS/BASINS SAMPLING	18JAN93	11FEB93
..3203A38101	225	225	0	S FS 0	SUBSURFACE TANKS/UTILITIES/EQUIPMENT SAMPLING	24AUG93	4JUL94
..3312A09114*	10	10	0	S FS 0	UPDATE PRELIMINARY ARARS	22MAR94	4APR94
ADMINISTRATION BUILDINGS SAMPLING							
3203A24001	40	40	0	32	TECHNICIAN TRAINING AND MOBILIZATION	6JUL92	28AUG92
..3202A08601*	21	21	0	P FS 0	EPA REVIEW AND COMMENT	3JUN92	1JUL92
..3203A02000*	633	633	0	S SS 0	OPERABLE UNIT FIELD RELATED ACTIVITIES	6JUL92	5DEC94
..3203A24101	100	100	0	S FS 0	ADMIN BUILDINGS SAMPLING	31AUG92	15JAN93
..3203A26101	303	303	0	S FS 0	WAREHOUSE/STORAGE SAMPLING	31AUG92	27OCT93
..3203A27101	256	256	0	S FS 0	CHEMICAL PROCESS PLANT SAMPLING	31AUG92	23AUG93
..3203A28101	82	82	0	S FS 0	METAL PROCESS PLANT SAMPLING	31AUG92	22DEC92
..3203A29101	198	198	0	S FS 0	SUPPORT FACILITIES SAMPLING (TEAM 2)	28OCT93	1AUG94
..3203A29113	91	91	0	S FS 0	SUPPORT FACILITIES SAMPLING (TEAM 4)	7SEP93	11JAN94
..3203A32101	184	184	0	S FS 0	ABV GRND TANKS/UTIL/EQUIP SAMPLING	23DEC92	6SEP93
..3203A33101	36	36	0	S FS 0	PARKING LOT/RR TRACKS/ROADS SAMPLING	12JAN94	2MAR94

ACTIVITY ID	ORIG DUR	REM DUR	%	CODE	ACTIVITY DESCRIPTION	LATE START	LATE FINISH
..3203A34101	187	187	0	S FS 0	WASTE PROCESSING FACILITIES SAMPLING	12NOV93	1AUG94
..3203A35101	108	108	0	S FS 0	FMPC INVENTORY SAMPLING	3MAR94	1AUG94
..3203A36101	195	195	0	S FS 0	BULK CONTAMINANTS SAMPLING	12FEB93	11NOV93
..3203A37101	19	19	0	S FS 0	PONDS/BASINS SAMPLING	18JAN93	11FEB93
..3203A38101	225	225	0	S FS 0	SUBSURFACE TANKS/UTILITIES/EQUIPMENT SAMPLING	24AUG93	4JUL94
3203A24101	100	100	0	32	ADMIN BUILDINGS SAMPLING	31AUG92	15JAN93
..3202A08605*	21	21	0	P FS 0	EPA REVIEW AND APPROVE	31JUL92	28AUG92
..3203A24001	40	40	0	P FS 0	TECHNICIAN TRAINING AND MOBILIZATION	6JUL92	28AUG92
..3203A02000	633	633	0	S SS 0	OPERABLE UNIT FIELD RELATED ACTIVITIES	6JUL92	5DEC94
..3203A24000*	190	190	0	S SS 0	ADMINISTRATION BUILDING	31AUG92	28JUN93
..3203A24103*	80	80	0	S FS 0	LAB ANALYSIS	18JAN93	7MAY93
..3203A37101*	19	19	0	S FS 0	PONDS/BASINS SAMPLING	18JAN93	11FEB93
3203A24103	80	80	0	32	LAB ANALYSIS	18JAN93	7MAY93
..3203A24101*	100	100	0	P FS 0	ADMIN BUILDINGS SAMPLING	31AUG92	15JAN93
..3203A24108*	5	5	0	S FS 0	DATA VALIDATION	15JUN93	21JUN93
3203A24108	5	5	0	32	DATA VALIDATION	15JUN93	21JUN93
..3203A24103*	80	80	0	P FS 0	LAB ANALYSIS	18JAN93	7MAY93
..3203A24111*	5	5	0	S FS 0	DATA ENTRY	22JUN93	28JUN93
3203A24111	5	5	0	32	DATA ENTRY	22JUN93	28JUN93
..3203A02000	633	633	0	P FF 0	OPERABLE UNIT FIELD RELATED ACTIVITIES	6JUL92	5DEC94
..3203A24000*	190	190	0	P FF 0	ADMINISTRATION BUILDING	31AUG92	28JUN93
..3203A24108*	5	5	0	P FS 0	DATA VALIDATION	15JUN93	21JUN93
..3204A81140	446	446	0	S FF 80	PREPARE DRAFT OU3 RA REPORT	25AUG93	10MAY95
..3206A25101*	41	41	0	S FS 0	ADMINISTRATION BUILDINGS REPORT	29JUN93	24AUG93
WAREHOUSE/STORAGE SAMPLING							
3203A26101	303	303	0	32	WAREHOUSE/STORAGE SAMPLING	31AUG92	27OCT93
..3202A08605*	21	21	0	P FS 0	EPA REVIEW AND APPROVE	31JUL92	28AUG92
..3203A24001	40	40	0	P FS 0	TECHNICIAN TRAINING AND MOBILIZATION	6JUL92	28AUG92
..3203A02000	633	633	0	S SS 0	OPERABLE UNIT FIELD RELATED ACTIVITIES	6JUL92	5DEC94
..3203A26000*	393	393	0	S SS 0	WAREHOUSE/STORAGE BUILDINGS	31AUG92	2MAR94
..3203A26103*	80	80	0	S FS 0	LAB ANALYSIS	28OCT93	16FEB94
..3203A29101*	198	198	0	S FS 0	SUPPORT FACILITIES SAMPLING (TEAM 2)	28OCT93	1AUG94
3203A26103	80	80	0	32	LAB ANALYSIS	28OCT93	16FEB94
..3203A26101*	303	303	0	P FS 0	WAREHOUSE/STORAGE SAMPLING	31AUG92	27OCT93
..3203A26108*	5	5	0	S FS 0	DATA VALIDATION	17FEB94	23FEB94
3203A26108	5	5	0	32	DATA VALIDATION	17FEB94	23FEB94
..3203A26103*	80	80	0	P FS 0	LAB ANALYSIS	28OCT93	16FEB94
..3203A26111*	5	5	0	S FS 0	DATA ENTRY	24FEB94	2MAR94

ACTIVITY ID	ORIG DUR	REM DUR	%		CODE	ACTIVITY DESCRIPTION	LATE START	LATE FINISH
WAREHOUSE/STORAGE SAMPLING								
3203A26111	5	5	0		32	DATA ENTRY	24FEB94	2MAR94
..3203A02000	633	633	0	P FF	0	OPERABLE UNIT FIELD RELATED ACTIVITIES	6JUL92	5DEC94
..3203A26000*	393	393	0	P FF	0	WAREHOUSE/STORAGE BUILDINGS	31AUG92	2MAR94
..3203A26108*	5	5	0	P FS	0	DATA VALIDATION	17FEB94	23FEB94
..3204A81140	446	446	0	S FF	80	PREPARE DRAFT OU3 RA REPORT	25AUG93	10MAY95
..3206A25121*	40	40	0	S FS	0	WAREHOUSE STORAGE AREAS REPORT	3MAR94	27APR94
CHEMICAL PROCESS PLANT SAMPLING								
3203A27101	256	256	0		32	CHEMICAL PROCESS PLANT SAMPLING	31AUG92	23AUG93
..3202A08605*	21	21	0	P FS	0	EPA REVIEW AND APPROVE	31JUL92	28AUG92
..3203A24001	40	40	0	P FS	0	TECHNICIAN TRAINING AND MOBILIZATION	6JUL92	28AUG92
..3203A02000	633	633	0	S SS	0	OPERABLE UNIT FIELD RELATED ACTIVITIES	6JUL92	5DEC94
..3203A27000*	346	346	0	S SS	0	CHEMICAL PROCESS PLANT	31AUG92	27DEC93
..3203A27103*	80	80	0	S FS	0	LAB ANALYSIS	24AUG93	13DEC93
..3203A38101*	225	225	0	S FS	0	SUBSURFACE TANKS/UTILITIES/EQUIPMENT SAMPLING	24AUG93	4JUL94
3203A27103	80	80	0		32	LAB ANALYSIS	24AUG93	13DEC93
..3203A27101*	256	256	0	P FS	0	CHEMICAL PROCESS PLANT SAMPLING	31AUG92	23AUG93
..3203A27108*	5	5	0	S FS	0	DATA VALIDATION	14DEC93	20DEC93
3203A27108	5	5	0		32	DATA VALIDATION	14DEC93	20DEC93
..3203A27103*	80	80	0	P FS	0	LAB ANALYSIS	24AUG93	13DEC93
..3203A27111*	5	5	0	S FS	0	DATA ENTRY	21DEC93	27DEC93
3203A27111	5	5	0		32	DATA ENTRY	21DEC93	27DEC93
..3203A02000	633	633	0	P FF	0	OPERABLE UNIT FIELD RELATED ACTIVITIES	6JUL92	5DEC94
..3203A27000*	346	346	0	P FF	0	CHEMICAL PROCESS PLANT	31AUG92	27DEC93
..3203A27108*	5	5	0	P FS	0	DATA VALIDATION	14DEC93	20DEC93
..3204A81140	446	446	0	S FF	80	PREPARE DRAFT OU3 RA REPORT	25AUG93	10MAY95
..3206A25131*	60	60	0	S FS	0	CHEMICAL PROCESS PLANTS REPORT	28DEC93	21MAR94
METAL PROCESS PLANT SAMPLING								
3203A28101	82	82	0		32	METAL PROCESS PLANT SAMPLING	31AUG92	22DEC92
..3202A08605*	21	21	0	P FS	0	EPA REVIEW AND APPROVE	31JUL92	28AUG92
..3203A24001	40	40	0	P FS	0	TECHNICIAN TRAINING AND MOBILIZATION	6JUL92	28AUG92
..3203A02000	633	633	0	S SS	0	OPERABLE UNIT FIELD RELATED ACTIVITIES	6JUL92	5DEC94
..3203A28000*	172	172	0	S SS	0	METAL PROCESS PLANT	31AUG92	27APR93
..3203A28103*	80	80	0	S FS	0	LAB ANALYSIS	23DEC92	13APR93
..3203A32101*	184	184	0	S FS	0	ABV GRND TANKS/UTIL/EQUIP SAMPLING	23DEC92	6SEP93
3203A28103	80	80	0		32	LAB ANALYSIS	23DEC92	13APR93
..3203A28101*	82	82	0	P FS	0	METAL PROCESS PLANT SAMPLING	31AUG92	22DEC92
..3203A28108*	5	5	0	S FS	0	DATA VALIDATION	14APR93	20APR93

ACTIVITY ID	ORIG DUR	REM DUR	%	CODE	ACTIVITY DESCRIPTION	LATE START	LATE FINISH
METAL PROCESS PLANT SAMPLING							
3203A28108	5	5	0	32	DATA VALIDATION	14APR93	20APR93
..3203A28103*	80	80	0 P FS	0	LAB ANALYSIS	23DEC92	13APR93
..3203A28111*	5	5	0 S FS	0	DATA ENTRY	21APR93	27APR93
3203A28111	5	5	0	32	DATA ENTRY	21APR93	27APR93
..3203A02000	633	633	0 P FF	0	OPERABLE UNIT FIELD RELATED ACTIVITIES	6JUL92	5DEC94
..3203A28000*	172	172	0 P FF	0	METAL PROCESS PLANT	31AUG92	27APR93
..3203A28108*	5	5	0 P FS	0	DATA VALIDATION	14APR93	20APR93
..3204A81140	446	446	0 S FF	80	PREPARE DRAFT OU3 RA REPORT	25AUG93	10MAY95
..3206A25138*	60	60	0 S FS	0	METAL PROCESS PLANTS REPORT	28APR93	20JUL93
SUPPORT FACILITIES SAMPLING							
3203A29101	198	198	0	32	SUPPORT FACILITIES SAMPLING (TEAM 2)	28OCT93	1AUG94
..3202A08605	21	21	0 P FS	0	EPA REVIEW AND APPROVE	31JUL92	28AUG92
..3203A24001	40	40	0 P FS	0	TECHNICIAN TRAINING AND MOBILIZATION	6JUL92	28AUG92
..3203A26101*	303	303	0 P FS	0	WAREHOUSE/STORAGE SAMPLING	31AUG92	27OCT93
..3203A02000	633	633	0 S SS	0	OPERABLE UNIT FIELD RELATED ACTIVITIES	6JUL92	5DEC94
..3203A29103*	80	80	0 S FS	0	LAB ANALYSIS	2AUG94	21NOV94
3203A29103	80	80	0	32	LAB ANALYSIS	2AUG94	21NOV94
..3203A29101*	198	198	0 P FS	0	SUPPORT FACILITIES SAMPLING (TEAM 2)	28OCT93	1AUG94
..3203A29108*	5	5	0 S FS	0	DATA VALIDATION	22NOV94	28NOV94
3203A29108	5	5	0	32	DATA VALIDATION	22NOV94	28NOV94
..3203A29103*	80	80	0 P FS	0	LAB ANALYSIS	2AUG94	21NOV94
..3203A29111*	5	5	0 S FS	0	DATA ENTRY	29NOV94	5DEC94
3203A29111	5	5	0	32	DATA ENTRY	29NOV94	5DEC94
..3203A02000*	633	633	0 P FF	0	OPERABLE UNIT FIELD RELATED ACTIVITIES	6JUL92	5DEC94
..3203A29000*	325	325	0 P FF	0	SUPPORT FACILITIES	7SEP93	5DEC94
..3203A29108*	5	5	0 P FS	0	DATA VALIDATION	22NOV94	28NOV94
..3204A81140	446	446	0 S FF	80	PREPARE DRAFT OU3 RA REPORT	25AUG93	10MAY95
..3206A25145*	40	40	0 S FS	0	SUPPORT FACILITIES REPORT	6DEC94	30JAN95
3203A29113	91	91	0	32	SUPPORT FACILITIES SAMPLING (TEAM 4)	7SEP93	11JAN94
..3202A08605	21	21	0 P FS	0	EPA REVIEW AND APPROVE	31JUL92	28AUG92
..3203A24001	40	40	0 P FS	0	TECHNICIAN TRAINING AND MOBILIZATION	6JUL92	28AUG92
..3203A32101*	184	184	0 P FS	0	ABV GRND TANKS/UTIL/EQUIP SAMPLING	23DEC92	6SEP93
..3203A02000	633	633	0 S SS	0	OPERABLE UNIT FIELD RELATED ACTIVITIES	6JUL92	5DEC94
..3203A29000*	325	325	0 S SS	0	SUPPORT FACILITIES	7SEP93	5DEC94
..3203A29118*	80	80	0 S FS	0	LAB ANALYSIS	12JAN94	3MAY94
..3203A33101*	36	36	0 S FS	0	PARKING LOT/RR TRACKS/ROADS SAMPLING	12JAN94	2MAR94

ACTIVITY ID	ORIG DUR	REM DUR	%	CODE	ACTIVITY DESCRIPTION	LATE START	LATE FINISH
SUPPORT FACILITIES SAMPLING							
3203A29118	80	80	0	32	LAB ANALYSIS	12JAN94	3MAY94
..3203A29113*	91	91	0 P FS	0	SUPPORT FACILITIES SAMPLING (TEAM 4)	7SEP93	11JAN94
..3203A29121*	5	5	0 S FS	0	DATA VALIDATION	22NOV94	28NOV94
3203A29121	5	5	0	32	DATA VALIDATION	22NOV94	28NOV94
..3203A29118*	80	80	0 P FS	0	LAB ANALYSIS	12JAN94	3MAY94
..3203A29123*	5	5	0 S FS	0	DATA ENTRY	29NOV94	5DEC94
3203A29123	5	5	0	32	DATA ENTRY	29NOV94	5DEC94
..3203A02000	633	633	0 P FF	0	OPERABLE UNIT FIELD RELATED ACTIVITIES	6JUL92	5DEC94
..3203A29121*	5	5	0 P FS	0	DATA VALIDATION	22NOV94	28NOV94
..3204A81140	446	446	0 S FF	80	PREPARE DRAFT OU3 RA REPORT	25AUG93	10MAY95
..3206A25145	40	40	0 S FS	0	SUPPORT FACILITIES REPORT	6DEC94	30JAN95
ABOVE GROUND TANKS/UTILITIES/EQUIPMENT SAMPLING							
3203A32101	184	184	0	32	ABV GRND TANKS/UTIL/EQUIP SAMPLING	23DEC92	6SEP93
..3202A08605	21	21	0 P FS	0	EPA REVIEW AND APPROVE	31JUL92	28AUG92
..3203A24001	40	40	0 P FS	0	TECHNICIAN TRAINING AND MOBILIZATION	6JUL92	28AUG92
..3203A28101*	82	82	0 P FS	0	METAL PROCESS PLANT SAMPLING	31AUG92	22DEC92
..3203A02000	633	633	0 S SS	0	OPERABLE UNIT FIELD RELATED ACTIVITIES	6JUL92	5DEC94
..3203A29113*	91	91	0 S FS	0	SUPPORT FACILITIES SAMPLING (TEAM 4)	7SEP93	11JAN94
..3203A32000*	274	274	0 S SS	0	ABV.GRND. TANKS/UTIL./EQUIP.	23DEC92	10JAN94
..3203A32103*	80	80	0 S FS	0	LAB ANALYSIS	7SEP93	27DEC93
3203A32103	80	80	0	32	LAB ANALYSIS	7SEP93	27DEC93
..3203A32101*	184	184	0 P FS	0	ABV GRND TANKS/UTIL/EQUIP SAMPLING	23DEC92	6SEP93
..3203A32108*	5	5	0 S FS	0	DATA VALIDATION	28DEC93	3JAN94
3203A32108	5	5	0	32	DATA VALIDATION	28DEC93	3JAN94
..3203A32103*	80	80	0 P FS	0	LAB ANALYSIS	7SEP93	27DEC93
..3203A32111*	5	5	0 S FS	0	DATA ENTRY	4JAN94	10JAN94
3203A32111	5	5	0	32	DATA ENTRY	4JAN94	10JAN94
..3203A02000	633	633	0 P FF	0	OPERABLE UNIT FIELD RELATED ACTIVITIES	6JUL92	5DEC94
..3203A32000*	274	274	0 P FF	0	ABV.GRND. TANKS/UTIL./EQUIP.	23DEC92	10JAN94
..3203A32108*	5	5	0 P FS	0	DATA VALIDATION	28DEC93	3JAN94
..3204A81140	446	446	0 S FF	80	PREPARE DRAFT OU3 RA REPORT	25AUG93	10MAY95
..3206A25168*	60	60	0 S FS	0	ABOVE GROUND TANKS/UTILITIES/EQUIPMENT REPORT	11JAN94	4APR94
PARKING LOTS/RAILROAD TRACKS/ROADS SAMPLING							
3203A33101	36	36	0	32	PARKING LOT/RR TRACKS/ROADS SAMPLING	12JAN94	2MAR94
..3202A08605	21	21	0 P FS	0	EPA REVIEW AND APPROVE	31JUL92	28AUG92
..3203A24001	40	40	0 P FS	0	TECHNICIAN TRAINING AND MOBILIZATION	6JUL92	28AUG92
..3203A29113*	91	91	0 P FS	0	SUPPORT FACILITIES SAMPLING (TEAM 4)	7SEP93	11JAN94

ACTIVITY ID	ORIG DUR	REM DUR	%			CODE	ACTIVITY DESCRIPTION	LATE START	LATE FINISH
..3203A02000	633	633	0	S	SS	0	OPERABLE UNIT FIELD RELATED ACTIVITIES	6JUL92	5DEC94
..3203A33000*	126	126	0	S	SS	0	PARKING LOTS/RAILROAD TRACKS/ROADS	12JAN94	6JUL94
..3203A33103*	80	80	0	S	FS	0	LAB ANALYSIS	3MAR94	22JUN94
..3203A35101*	108	108	0	S	FS	0	FMPC INVENTORY SAMPLING	3MAR94	1AUG94
3203A33103	80	80	0			32	LAB ANALYSIS	3MAR94	22JUN94
..3203A33101*	36	36	0	P	FS	0	PARKING LOT/RR TRACKS/ROADS SAMPLING	12JAN94	2MAR94
..3203A33108*	5	5	0	S	FS	0	DATA VALIDATION	23JUN94	29JUN94
3203A33108	5	5	0			32	DATA VALIDATION	23JUN94	29JUN94
..3203A33103*	80	80	0	P	FS	0	LAB ANALYSIS	3MAR94	22JUN94
..3203A33111*	5	5	0	S	FS	0	DATA ENTRY	30JUN94	6JUL94
3203A33111	5	5	0			32	DATA ENTRY	30JUN94	6JUL94
..3203A02000	633	633	0	P	FF	0	OPERABLE UNIT FIELD RELATED ACTIVITIES	6JUL92	5DEC94
..3203A33000*	126	126	0	P	FF	0	PARKING LOTS/RAILROAD TRACKS/ROADS	12JAN94	6JUL94
..3203A33108*	5	5	0	P	FS	0	DATA VALIDATION	23JUN94	29JUN94
..3204A81140	446	446	0	S	FF	80	PREPARE DRAFT OU3 RA REPORT	25AUG93	10MAY95
..3206A25175*	40	40	0	S	FS	0	PARKING LOT, RAILROAD TRACKS, ROADS REPORT	7JUL94	31AUG94
WASTE PROCESSING FACILITIES SAMPLING									
3203A34101	187	187	0			32	WASTE PROCESSING FACILITIES SAMPLING	12NOV93	1AUG94
..3202A08605	21	21	0	P	FS	0	EPA REVIEW AND APPROVE	31JUL92	28AUG92
..3203A24001	40	40	0	P	FS	0	TECHNICIAN TRAINING AND MOBILIZATION	6JUL92	28AUG92
..3203A36101*	195	195	0	P	FS	0	BULK CONTAMINANTS SAMPLING	12FEB93	11NOV93
..3203A02000	633	633	0	S	SS	0	OPERABLE UNIT FIELD RELATED ACTIVITIES	6JUL92	5DEC94
..3203A34000*	277	277	0	S	SS	0	WASTE PROCESSING FACILITIES	12NOV93	5DEC94
..3203A34103*	80	80	0	S	FS	0	LAB ANALYSIS	2AUG94	21NOV94
3203A34103	80	80	0			32	LAB ANALYSIS	2AUG94	21NOV94
..3203A34101*	187	187	0	P	FS	0	WASTE PROCESSING FACILITIES SAMPLING	12NOV93	1AUG94
..3203A34108*	5	5	0	S	FS	0	DATA VALIDATION	22NOV94	28NOV94
3203A34108	5	5	0			32	DATA VALIDATION	22NOV94	28NOV94
..3203A34103*	80	80	0	P	FS	0	LAB ANALYSIS	2AUG94	21NOV94
..3203A34111*	5	5	0	S	FS	0	DATA ENTRY	29NOV94	5DEC94
3203A34111	5	5	0			32	DATA ENTRY	29NOV94	5DEC94
..3203A02000*	633	633	0	P	FF	0	OPERABLE UNIT FIELD RELATED ACTIVITIES	6JUL92	5DEC94
..3203A34000*	277	277	0	P	FF	0	WASTE PROCESSING FACILITIES	12NOV93	5DEC94
..3203A34108*	5	5	0	P	FS	0	DATA VALIDATION	22NOV94	28NOV94
..3204A81140	446	446	0	S	FF	80	PREPARE DRAFT OU3 RA REPORT	25AUG93	10MAY95
..3206A25183*	40	40	0	S	FS	0	WASTE PROCESSING FACILITIES REPORT	6DEC94	30JAN95

ACTIVITY ID	ORIG DUR	REM DUR	%	CODE	ACTIVITY DESCRIPTION	LATE START	LATE FINISH
FEMP INVENTORY SAMPLING							
3203A35101	108	108	0	32	FMPC INVENTORY SAMPLING	3MAR94	1AUG94
..3202A08605	21	21	0 P FS	0	EPA REVIEW AND APPROVE	31JUL92	28AUG92
..3203A24001	40	40	0 P FS	0	TECHNICIAN TRAINING AND MOBILIZATION	6JUL92	28AUG92
..3203A33101*	36	36	0 P FS	0	PARKING LOT/RR TRACKS/ROADS SAMPLING	12JAN94	2MAR94
..3203A02000	633	633	0 S SS	0	OPERABLE UNIT FIELD RELATED ACTIVITIES	6JUL92	5DEC94
..3203A35000*	198	198	0 S SS	0	INVENTORY SAMPLING	3MAR94	5DEC94
..3203A35103*	80	80	0 S FS	0	LAB ANALYSIS	2AUG94	21NOV94
3203A35103	80	80	0	32	LAB ANALYSIS	2AUG94	21NOV94
..3203A35101*	108	108	0 P FS	0	FMPC INVENTORY SAMPLING	3MAR94	1AUG94
..3203A35108*	5	5	0 S FS	0	DATA VALIDATION	22NOV94	28NOV94
3203A35108	5	5	0	32	DATA VALIDATION	22NOV94	28NOV94
..3203A35103*	80	80	0 P FS	0	LAB ANALYSIS	2AUG94	21NOV94
..3203A35111*	5	5	0 S FS	0	DATA ENTRY	29NOV94	5DEC94
3203A35111	5	5	0	32	DATA ENTRY	29NOV94	5DEC94
..3203A02000*	633	633	0 P FF	0	OPERABLE UNIT FIELD RELATED ACTIVITIES	6JUL92	5DEC94
..3203A35000*	198	198	0 P FF	0	INVENTORY SAMPLING	3MAR94	5DEC94
..3203A35108*	5	5	0 P FS	0	DATA VALIDATION	22NOV94	28NOV94
..3204A81140	446	446	0 S FF	80	PREPARE DRAFT OU3 RA REPORT	25AUG93	10MAY95
..3206A25191*	40	40	0 S FS	0	FMPC INVENTORY REPORT	6DEC94	30JAN95
BULK CONTAMINANTS SAMPLING							
3203A36101	195	195	0	32	BULK CONTAMINANTS SAMPLING	12FEB93	11NOV93
..3202A08605	21	21	0 P FS	0	EPA REVIEW AND APPROVE	31JUL92	28AUG92
..3203A24001	40	40	0 P FS	0	TECHNICIAN TRAINING AND MOBILIZATION	6JUL92	28AUG92
..3203A37101*	19	19	0 P FS	0	PONDS/BASINS SAMPLING	18JAN93	11FEB93
..3203A02000	633	633	0 S SS	0	OPERABLE UNIT FIELD RELATED ACTIVITIES	6JUL92	5DEC94
..3203A34101*	187	187	0 S FS	0	WASTE PROCESSING FACILITIES SAMPLING	12NOV93	1AUG94
..3203A36000*	285	285	0 S SS	0	BULK CONTAMINANTS	12FEB93	17MAR94
..3203A36103*	80	80	0 S FS	0	LAB ANALYSIS	12NOV93	3MAR94
3203A36103	80	80	0	32	LAB ANALYSIS	12NOV93	3MAR94
..3203A36101*	195	195	0 P FS	0	BULK CONTAMINANTS SAMPLING	12FEB93	11NOV93
..3203A36108*	5	5	0 S FS	0	DATA VALIDATION	4MAR94	10MAR94
3203A36108	5	5	0	32	DATA VALIDATION	4MAR94	10MAR94
..3203A36103*	80	80	0 P FS	0	LAB ANALYSIS	12NOV93	3MAR94
..3203A36111*	5	5	0 S FS	0	DATA ENTRY	11MAR94	17MAR94
3203A36111	5	5	0	32	DATA ENTRY	11MAR94	17MAR94
..3203A02000	633	633	0 P FF	0	OPERABLE UNIT FIELD RELATED ACTIVITIES	6JUL92	5DEC94
..3203A36000*	285	285	0 P FF	0	BULK CONTAMINANTS	12FEB93	17MAR94

ACTIVITY ID	ORIG DUR	REM DUR	%			CODE	ACTIVITY DESCRIPTION	LATE START	LATE FINISH
..3203A36108*	5	5	0	P	FS	0	DATA VALIDATION	4MAR94	10MAR94
..3204A81140	446	446	0	S	FF	80	PREPARE DRAFT OU3 RA REPORT	25AUG93	10MAY95
..3206A25111*	41	41	0	S	FS	0	BULK CONTAMINANTS REPORT	18MAR94	13MAY94
PONDS/BASINS SAMPLING									
3203A37101	19	19	0			32	PONDS/BASINS SAMPLING	18JAN93	11FEB93
..3202A08605	21	21	0	P	FS	0	EPA REVIEW AND APPROVE	31JUL92	28AUG92
..3203A24001	40	40	0	P	FS	0	TECHNICIAN TRAINING AND MOBILIZATION	6JUL92	28AUG92
..3203A24101*	100	100	0	P	FS	0	ADMIN BUILDINGS SAMPLING	31AUG92	15JAN93
..3203A02000	633	633	0	S	SS	0	OPERABLE UNIT FIELD RELATED ACTIVITIES	6JUL92	5DEC94
..3203A36101*	195	195	0	S	FS	0	BULK CONTAMINANTS SAMPLING	12FEB93	11NOV93
..3203A37000*	109	109	0	S	SS	0	PONDS/BASINS	18JAN93	17JUN93
..3203A37103*	80	80	0	S	FS	0	LAB ANALYSIS	12FEB93	3JUN93
3203A37103	80	80	0			32	LAB ANALYSIS	12FEB93	3JUN93
..3203A37101*	19	19	0	P	FS	0	PONDS/BASINS SAMPLING	18JAN93	11FEB93
..3203A37108*	5	5	0	S	FS	0	DATA VALIDATION	4JUN93	10JUN93
3203A37108	5	5	0			32	DATA VALIDATION	4JUN93	10JUN93
..3203A37103*	80	80	0	P	FS	0	LAB ANALYSIS	12FEB93	3JUN93
..3203A37111*	5	5	0	S	FS	0	DATA ENTRY	11JUN93	17JUN93
3203A37111	5	5	0			32	DATA ENTRY	11JUN93	17JUN93
..3203A02000	633	633	0	P	FF	0	OPERABLE UNIT FIELD RELATED ACTIVITIES	6JUL92	5DEC94
..3203A37000*	109	109	0	P	FF	0	PONDS/BASINS	18JAN93	17JUN93
..3203A37108*	5	5	0	P	FS	0	DATA VALIDATION	4JUN93	10JUN93
..3204A81140	446	446	0	S	FF	80	PREPARE DRAFT OU3 RA REPORT	25AUG93	10MAY95
..3206A25153*	40	40	0	S	FS	0	PONDS/BASINS REPORT	18JUN93	12AUG93
SUBSURFACE TANKS/UTILITIES/EQUIPMENT SAMPLING									
3203A38101	225	225	0			32	SUBSURFACE TANKS/UTILITIES/EQUIPMENT SAMPLING	24AUG93	4JUL94
..3202A08605	21	21	0	P	FS	0	EPA REVIEW AND APPROVE	31JUL92	28AUG92
..3203A24001	40	40	0	P	FS	0	TECHNICIAN TRAINING AND MOBILIZATION	6JUL92	28AUG92
..3203A27101*	256	256	0	P	FS	0	CHEMICAL PROCESS PLANT SAMPLING	31AUG92	23AUG93
..3203A02000	633	633	0	S	SS	0	OPERABLE UNIT FIELD RELATED ACTIVITIES	6JUL92	5DEC94
..3203A38000*	315	315	0	S	SS	0	SUBSURFACE TANKS/UTIL./EQUIP.	24AUG93	7NOV94
..3203A38103*	80	80	0	S	FS	0	LAB ANALYSIS	5JUL94	24OCT94
3203A38103	80	80	0			32	LAB ANALYSIS	5JUL94	24OCT94
..3203A38101*	225	225	0	P	FS	0	SUBSURFACE TANKS/UTILITIES/EQUIPMENT SAMPLING	24AUG93	4JUL94
..3203A38108*	5	5	0	S	FS	0	DATA VALIDATION	25OCT94	31OCT94
3203A38108	5	5	0			32	DATA VALIDATION	25OCT94	31OCT94
..3203A38103*	80	80	0	P	FS	0	LAB ANALYSIS	5JUL94	24OCT94
..3203A38111*	5	5	0	S	FS	0	DATA ENTRY	1NOV94	7NOV94

ACTIVITY ID	ORIG DUR	REM DUR	%	CODE	ACTIVITY DESCRIPTION	LATE START	LATE FINISH
SUBSURFACE TANKS/UTILITIES/EQUIPMENT SAMPLING							
3203A38111	5	5	0	32	DATA ENTRY	1NOV94	7NOV94
..3203A02000	633	633	0 P FF	0	OPERABLE UNIT FIELD RELATED ACTIVITIES	6JUL92	5DEC94
..3203A38000*	315	315	0 P FF	0	SUBSURFACE TANKS/UTIL./EQUIP.	24AUG93	7NOV94
..3203A38108*	5	5	0 P FS	0	DATA VALIDATION	25OCT94	31OCT94
..3204A81140	446	446	0 S FF	80	PREPARE DRAFT OU3 RA REPORT	25AUG93	10MAY95
..3206A25161*	60	60	0 S FS	0	SUBSURFACE TANKS/UTILITIES/EQUIPMENT REPORT	8NOV94	30JAN95
HAMMOCK							
3203W02101	900	900	0	32	SAFE SHUTDOWN BY WMCO	17OCT91	29MAR95
..3206A25196*	40	40	0 S FS	0	INTEGRATE REMOVAL ACTIONS	30MAR95	24MAY95
OU-BL RISK ASSESSMENT							
3204A81050	446	446	0	32	PERFORM F & T CALC's.	25AUG93	10MAY95
..3204A81100*	446	446	0 P SS	0	EVALUATE DATA FOR RISK ASSESSMENT	25AUG93	10MAY95
..3204A81140*	446	446	0 S FF	0	PREPARE DRAFT OU3 RA REPORT	25AUG93	10MAY95
3204A81100	446	446	0	32	EVALUATE DATA FOR RISK ASSESSMENT	25AUG93	10MAY95
..3206A25101*	41	41	0 P FS	0	ADMINISTRATION BUILDINGS REPORT	29JUN93	24AUG93
..3206A25111	41	41	0 P FF	0	BULK CONTAMINANTS REPORT	18MAR94	13MAY94
..3206A25121	40	40	0 P FF	0	WAREHOUSE STORAGE AREAS REPORT	3MAR94	27APR94
..3206A25131	60	60	0 P FF	0	CHEMICAL PROCESS PLANTS REPORT	28DEC93	21MAR94
..3206A25138	60	60	0 P FF	0	METAL PROCESS PLANTS REPORT	28APR93	20JUL93
..3206A25145	40	40	0 P FF	0	SUPPORT FACILITIES REPORT	6DEC94	30JAN95
..3206A25153	40	40	0 P FF	0	PONDS/BASINS REPORT	18JUN93	12AUG93
..3206A25161	60	60	0 P FF	0	SUBSURFACE TANKS/UTILITIES/EQUIPMENT REPORT	8NOV94	30JAN95
..3206A25168	60	60	0 P FF	0	ABOVE GROUND TANKS/UTILITIES/EQUIPMENT REPORT	11JAN94	4APR94
..3206A25175	40	40	0 P FF	0	PARKING LOT, RAILROAD TRACKS, ROADS REPORT	7JUL94	31AUG94
..3206A25183	40	40	0 P FF	0	WASTE PROCESSING FACILITIES REPORT	6DEC94	30JAN95
..3206A25191	40	40	0 P FF	0	FMPC INVENTORY REPORT	6DEC94	30JAN95
..3204A02000*	456	456	0 S SS	0	OU3 BL RISK ASSESSMENT	25AUG93	24MAY95
..3204A81050*	446	446	0 S SS	0	PERFORM F & T CALC's.	25AUG93	10MAY95
..3204A81120*	446	446	0 S SS	0	DETER. CHEMICALS OF CONCERN	25AUG93	10MAY95
3204A81120	446	446	0	32	DETER. CHEMICALS OF CONCERN	25AUG93	10MAY95
..3204A81100*	446	446	0 P SS	0	EVALUATE DATA FOR RISK ASSESSMENT	25AUG93	10MAY95
..3204A81130*	446	446	0 S SS	0	EVAL. EXP./RISK/TOXICITY	25AUG93	10MAY95
3204A81130	446	446	0	32	EVAL. EXP./RISK/TOXICITY	25AUG93	10MAY95
..3204A81120*	446	446	0 P SS	0	DETER. CHEMICALS OF CONCERN	25AUG93	10MAY95
..3204A81140*	446	446	0 S SS	0	PREPARE DRAFT OU3 RA REPORT	25AUG93	10MAY95
3204A81140	446	446	0	32	PREPARE DRAFT OU3 RA REPORT	25AUG93	10MAY95
..3203A24111	5	5	0 P FF	80	DATA ENTRY	22JUN93	28JUN93
..3203A26111	5	5	0 P FF	80	DATA ENTRY	24FEB94	2MAR94

ACTIVITY ID	ORIG DUR	REM DUR	%	CODE	ACTIVITY DESCRIPTION	LATE START	LATE FINISH
..3203A27111	5	5	0 P FF	80	DATA ENTRY	21DEC93	27DEC93
..3203A28111	5	5	0 P FF	80	DATA ENTRY	21APR93	27APR93
..3203A29111	5	5	0 P FF	80	DATA ENTRY	29NOV94	5DEC94
..3203A29123	5	5	0 P FF	80	DATA ENTRY	29NOV94	5DEC94
..3203A32111	5	5	0 P FF	80	DATA ENTRY	4JAN94	10JAN94
..3203A33111	5	5	0 P FF	80	DATA ENTRY	30JUN94	6JUL94
..3203A34111	5	5	0 P FF	80	DATA ENTRY	29NOV94	5DEC94
..3203A35111	5	5	0 P FF	80	DATA ENTRY	29NOV94	5DEC94
..3203A36111	5	5	0 P FF	80	DATA ENTRY	11MAR94	17MAR94
..3203A37111	5	5	0 P FF	80	DATA ENTRY	11JUN93	17JUN93
..3203A38111	5	5	0 P FF	80	DATA ENTRY	1NOV94	7NOV94
..3204A81050*	446	446	0 P FF	0	PERFORM F & T CALC's.	25AUG93	10MAY95
..3204A81130*	446	446	0 P SS	0	EVAL. EXP./RISK/TOXICITY	25AUG93	10MAY95
..3204A81150*	10	10	0 S FS	0	INTERNAL REVIEW OF OU3 RA	11MAY95	24MAY95
3204A81150	10	10	0	32	INTERNAL REVIEW OF OU3 RA	11MAY95	24MAY95
..3204A02000*	456	456	0 P FF	0	OU3 BL RISK ASSESSMENT	25AUG93	24MAY95
..3204A81140*	446	446	0 P FS	0	PREPARE DRAFT OU3 RA REPORT	25AUG93	10MAY95
..3206A25197	40	40	0 S FF	0	ASSEMBLE AND COMP RI RPT	30MAR95	24MAY95
TREATABILITY STUDIES							
3205A31101	40	40	0	32	PREPARE TREATABILITY TEST WORK PLAN	15JUN92	7AUG92
..3200A06103*	50	50	0 P FS	0	DEVELOPMENT OF PRELIM REMEDIAL ACTN ALTERNATIVES	30DEC91	6MAR92
..3205A02000*	787	787	0 S SS	0	TREATABILITY STUDIES	15JUN92	20JUN95
..3205A31102*	21	21	0 S FF	0	PREPARE TREATABILITY TEST. H&S PLAN	10JUL92	7AUG92
..3205A31103*	5	5	0 S FS	0	INTERNAL REVIEW OF WORK PLAN	10AUG92	14AUG92
3205A31102	21	21	0	32	PREPARE TREATABILITY TEST. H&S PLAN	10JUL92	7AUG92
..3205A31101*	40	40	0 P FF	0	PREPARE TREATABILITY TEST WORK PLAN	15JUN92	7AUG92
..3205A31103*	5	5	0 S FS	0	INTERNAL REVIEW OF WORK PLAN	10AUG92	14AUG92
3205A31103	5	5	0	32	INTERNAL REVIEW OF WORK PLAN	10AUG92	14AUG92
..3205A31101*	40	40	0 P FS	0	PREPARE TREATABILITY TEST WORK PLAN	15JUN92	7AUG92
..3205A31102*	21	21	0 P FS	0	PREPARE TREATABILITY TEST. H&S PLAN	10JUL92	7AUG92
..3205A31104*	21	21	0 S FS	0	DOE/WMCO REVIEW WORK PLAN	17AUG92	14SEP92
3205A31104	21	21	0	32	DOE/WMCO REVIEW WORK PLAN	17AUG92	14SEP92
..3205A31103*	5	5	0 P FS	0	INTERNAL REVIEW OF WORK PLAN	10AUG92	14AUG92
..3205A31105*	21	21	0 S FS	0	INCORPORATE DOE/WMCO COMMENTS	15SEP92	13OCT92
3205A31105	21	21	0	32	INCORPORATE DOE/WMCO COMMENTS	15SEP92	13OCT92
..3205A31104*	21	21	0 P FS	0	DOE/WMCO REVIEW WORK PLAN	17AUG92	14SEP92
..3205A31106*	21	21	0 S FS	0	EPA REVIEW WORK PLAN	14OCT92	11NOV92

ACTIVITY ID	ORIG DUR	REM DUR	%	CODE	ACTIVITY DESCRIPTION	LATE START	LATE FINISH
TREATABILITY STUDIES							
3205A31106	21	21	0	32	EPA REVIEW WORK PLAN	14OCT92	11NOV92
..3205A31105*	21	21	0 P FS	0	INCORPORATE DOE/WMCO COMMENTS	15SEP92	13OCT92
..3205A31107*	21	21	0 S FS	0	INCORPORATE EPA COMMENTS	12NOV92	10DEC92
3205A31107	21	21	0	32	INCORPORATE EPA COMMENTS	12NOV92	10DEC92
..3205A31106*	21	21	0 P FS	0	EPA REVIEW WORK PLAN	14OCT92	11NOV92
..3205A31108*	21	21	0 S FS	0	EPA REVIEW AND APPROVE WORK PLAN	11DEC92	8JAN93
3205A31108	21	21	0	32	EPA REVIEW AND APPROVE WORK PLAN	11DEC92	8JAN93
..3205A31107*	21	21	0 P FS	0	INCORPORATE EPA COMMENTS	12NOV92	10DEC92
..3205A31109*	85	85	0 S FS	0	VENDOR PROCUREMENT PROCESS	11JAN93	7MAY93
..3205A31112	100	100	0 S FS	0	TT SAMPLE COLLECTION	7JUL93	23NOV93
3205A31109	85	85	0	32	VENDOR PROCUREMENT PROCESS	11JAN93	7MAY93
..3205A31108*	21	21	0 P FS	0	EPA REVIEW AND APPROVE WORK PLAN	11DEC92	8JAN93
..3205A31110*	21	21	0 S FS	0	VENDOR H&S PLANS	10MAY93	7JUN93
3205A31110	21	21	0	32	VENDOR H&S PLANS	10MAY93	7JUN93
..3205A31109*	85	85	0 P FS	0	VENDOR PROCUREMENT PROCESS	11JAN93	7MAY93
..3205A31111*	21	21	0 S FS	0	REVIEW AND APPROVE VENDOR H&S PLANS	8JUN93	6JUL93
3205A31111	21	21	0	32	REVIEW AND APPROVE VENDOR H&S PLANS	8JUN93	6JUL93
..3205A31110*	21	21	0 P FS	0	VENDOR H&S PLANS	10MAY93	7JUN93
..3205A31112*	100	100	0 S FS	0	TT SAMPLE COLLECTION	7JUL93	23NOV93
3205A31112	100	100	0	32	TT SAMPLE COLLECTION	7JUL93	23NOV93
..3205A31108	21	21	0 P FS	0	EPA REVIEW AND APPROVE WORK PLAN	11DEC92	8JAN93
..3205A31111*	21	21	0 P FS	0	REVIEW AND APPROVE VENDOR H&S PLANS	8JUN93	6JUL93
..3205A31113*	120	120	0 S FS	0	TT SAMPLE ANALYSIS	24NOV93	10MAY94
3205A31113	120	120	0	32	TT SAMPLE ANALYSIS	24NOV93	10MAY94
..3205A31112*	100	100	0 P FS	0	TT SAMPLE COLLECTION	7JUL93	23NOV93
..3205A31114*	5	5	0 S FS	0	TT DATA VALIDATION	11MAY94	17MAY94
3205A31114	5	5	0	32	TT DATA VALIDATION	11MAY94	17MAY94
..3205A31113*	120	120	0 P FS	0	TT SAMPLE ANALYSIS	24NOV93	10MAY94
..3205A31115*	5	5	0 S FS	0	TT DATA ENTRY	18MAY94	24MAY94
3205A31115	5	5	0	32	TT DATA ENTRY	18MAY94	24MAY94
..3205A31114*	5	5	0 P FS	0	TT DATA VALIDATION	11MAY94	17MAY94
..3205A31116*	120	120	0 S FS	0	TREATABILITY TESTING	25MAY94	8NOV94
3205A31116	120	120	0	32	TREATABILITY TESTING	25MAY94	8NOV94
..3205A31115*	5	5	0 P FS	0	TT DATA ENTRY	18MAY94	24MAY94

ACTIVITY ID	ORIG DUR	REM DUR	%	CODE	ACTIVITY DESCRIPTION	LATE START	LATE FINISH
..3205A31117*	120	120	0	S FS 0	TT ANALYSIS AND VERIFICATION	9NOV94	25APR95
3205A31117	120	120	0	32	TT ANALYSIS AND VERIFICATION	9NOV94	25APR95
..3205A31116*	120	120	0	P FS 0	TREATABILITY TESTING	25MAY94	8NOV94
..3205A31118*	5	5	0	S FS 0	TT VERIFICATION DATA VALIDATION	26APR95	2MAY95
3205A31118	5	5	0	32	TT VERIFICATION DATA VALIDATION	26APR95	2MAY95
..3205A31117*	120	120	0	P FS 0	TT ANALYSIS AND VERIFICATION	9NOV94	25APR95
..3205A31119*	5	5	0	S FS 0	TT VERIFICATION DATA ENTRY	3MAY95	9MAY95
3205A31119	5	5	0	32	TT VERIFICATION DATA ENTRY	3MAY95	9MAY95
..3205A31118*	5	5	0	P FS 0	TT VERIFICATION DATA VALIDATION	26APR95	2MAY95
..3205A31120*	30	30	0	S FS 0	TREATABILITY TEST REPORT	10MAY95	20JUN95
3205A31120	30	30	0	32	TREATABILITY TEST REPORT	10MAY95	20JUN95
..3205A02000*	787	787	0	P FF 0	TREATABILITY STUDIES	15JUN92	20JUN95
..3205A31119*	5	5	0	P FS 0	TT VERIFICATION DATA ENTRY	3MAY95	9MAY95
..3205A31121*	21	21	0	S FS 0	DOE/WMCO REVIEW/COMMENT TREATABILITY TEST REP.	21JUN95	19JUL95
3205A31121	21	21	0	32	DOE/WMCO REVIEW/COMMENT TREATABILITY TEST REP.	21JUN95	19JUL95
..3205A31120*	30	30	0	P FS 0	TREATABILITY TEST REPORT	10MAY95	20JUN95
..3315A30103	30	30	0	S FS 0	PERFORM F/T MODELING	20JUL95	30AUG95
REMEDIAL INVESTIGATION							
3206A25100	60	60	0	32	DEVELOP RI REPORT AND BACKGROUND INFORMATION	5JAN95	29MAR95
..3206A25197*	40	40	0	S FS 0	ASSEMBLE AND COMP RI RPT	30MAR95	24MAY95
3206A25101	41	41	0	32	ADMINISTRATION BUILDINGS REPORT	29JUN93	24AUG93
..3203A24111*	5	5	0	P FS 0	DATA ENTRY	22JUN93	28JUN93
..3204A81100*	446	446	0	S FS 0	EVALUATE DATA FOR RISK ASSESSMENT	25AUG93	10MAY95
..3206A02100	546	546	0	S SS 0	REMEDIAL INVESTIGATION REPORT	28APR93	15NOV95
..3206A25103*	21	21	0	S FS 0	DOE/WMCO REVIEW AND COMMENT	15FEB95	15MAR95
3206A25103	21	21	0	32	DOE/WMCO REVIEW AND COMMENT	15FEB95	15MAR95
..3206A25101*	41	41	0	P FS 0	ADMINISTRATION BUILDINGS REPORT	29JUN93	24AUG93
..3206A25108*	10	10	0	S FS 0	RESOLVE AND INCORPORATE COMMENTS	16MAR95	29MAR95
3206A25108	10	10	0	32	RESOLVE AND INCORPORATE COMMENTS	16MAR95	29MAR95
..3206A25103*	21	21	0	P FS 0	DOE/WMCO REVIEW AND COMMENT	15FEB95	15MAR95
..3206A25197	40	40	0	S FS 0	ASSEMBLE AND COMP RI RPT	30MAR95	24MAY95
3206A25111	41	41	0	32	BULK CONTAMINANTS REPORT	18MAR94	13MAY94
..3203A36111*	5	5	0	P FS 0	DATA ENTRY	11MAR94	17MAR94
..3204A81100	446	446	0	S FF 0	EVALUATE DATA FOR RISK ASSESSMENT	25AUG93	10MAY95
..3206A02100	546	546	0	S SS 0	REMEDIAL INVESTIGATION REPORT	28APR93	15NOV95

RI/FS PROJECT SCHEDULES | PRIMAVERA PROJECT PLANNER | FERNALD ENVIRONMENTAL MGMT. PROJECT

REPORT DATE 12SEP91 14:30 RUN NO. 472 | Prepared by ASI/IT Corp. | START DATE 31OCT90 FIN DATE 4MAY01

SCHED REP - DETAILED PRECEDENCE ANALYSIS OU 3 | DATA DATE 10AUG91 PAGE NO. 15

ACTIVITY ID	ORIG DUR	REM DUR	%		CODE	ACTIVITY DESCRIPTION	LATE START	LATE FINISH
..3206A25113*	21	21	0	S FS	0	DOE/WMCO REVIEW AND COMMENT	31JAN95	28FEB95
3206A25113	21	21	0		32	DOE/WMCO REVIEW AND COMMENT	31JAN95	28FEB95
..3206A25111*	41	41	0	P FS	0	BULK CONTAMINANTS REPORT	18MAR94	13MAY94
..3206A25118*	21	21	0	S FS	0	RESOLVE AND INCORPORATE COMMENTS	1MAR95	29MAR95
3206A25118	21	21	0		32	RESOLVE AND INCORPORATE COMMENTS	1MAR95	29MAR95
..3206A25113*	21	21	0	P FS	0	DOE/WMCO REVIEW AND COMMENT	31JAN95	28FEB95
..3206A25197	40	40	0	S FS	0	ASSEMBLE AND COMP RI RPT	30MAR95	24MAY95
3206A25121	40	40	0		32	WAREHOUSE STORAGE AREAS REPORT	3MAR94	27APR94
..3203A26111*	5	5	0	P FS	0	DATA ENTRY	24FEB94	2MAR94
..3204A81100	446	446	0	S FF	0	EVALUATE DATA FOR RISK ASSESSMENT	25AUG93	10MAY95
..3206A02100	546	546	0	S SS	0	REMEDIAL INVESTIGATION REPORT	28APR93	15NOV95
..3206A25123*	21	21	0	S FS	0	DOE/WMCO REVIEW AND COMMENT	31JAN95	28FEB95
3206A25123	21	21	0		32	DOE/WMCO REVIEW AND COMMENT	31JAN95	28FEB95
..3206A25121*	40	40	0	P FS	0	WAREHOUSE STORAGE AREAS REPORT	3MAR94	27APR94
..3206A25128*	21	21	0	S FS	0	RESOLVE AND INCORPORATE COMMENTS	1MAR95	29MAR95
3206A25128	21	21	0		32	RESOLVE AND INCORPORATE COMMENTS	1MAR95	29MAR95
..3206A25123*	21	21	0	P FS	0	DOE/WMCO REVIEW AND COMMENT	31JAN95	28FEB95
..3206A25197	40	40	0	S FS	0	ASSEMBLE AND COMP RI RPT	30MAR95	24MAY95
3206A25131	60	60	0		32	CHEMICAL PROCESS PLANTS REPORT	28DEC93	21MAR94
..3203A27111*	5	5	0	P FS	0	DATA ENTRY	21DEC93	27DEC93
..3204A81100	446	446	0	S FF	0	EVALUATE DATA FOR RISK ASSESSMENT	25AUG93	10MAY95
..3206A02100	546	546	0	S SS	0	REMEDIAL INVESTIGATION REPORT	28APR93	15NOV95
..3206A25133*	21	21	0	S FS	0	DOE/WMCO REVIEW AND COMMENT	31JAN95	28FEB95
3206A25133	21	21	0		32	DOE/WMCO REVIEW AND COMMENT	31JAN95	28FEB95
..3206A25131*	60	60	0	P FS	0	CHEMICAL PROCESS PLANTS REPORT	28DEC93	21MAR94
..3206A25135*	21	21	0	S FS	0	RESOLVE AND INCORPORATE COMMENTS	1MAR95	29MAR95
3206A25135	21	21	0		32	RESOLVE AND INCORPORATE COMMENTS	1MAR95	29MAR95
..3206A25133*	21	21	0	P FS	0	DOE/WMCO REVIEW AND COMMENT	31JAN95	28FEB95
..3206A25197	40	40	0	S FS	0	ASSEMBLE AND COMP RI RPT	30MAR95	24MAY95
3206A25138	60	60	0		32	METAL PROCESS PLANTS REPORT	28APR93	20JUL93
..3203A28111*	5	5	0	P FS	0	DATA ENTRY	21APR93	27APR93
..3204A81100	446	446	0	S FF	0	EVALUATE DATA FOR RISK ASSESSMENT	25AUG93	10MAY95
..3206A02100*	546	546	0	S SS	0	REMEDIAL INVESTIGATION REPORT	28APR93	15NOV95
..3206A25141*	21	21	0	S FS	0	DOE/WMCO REVIEW AND COMMENT	31JAN95	28FEB95

ACTIVITY ID	ORIG DUR	REM DUR	%	CODE	ACTIVITY DESCRIPTION	LATE START	LATE FINISH
REMEDIAL INVESTIGATION							
3206A25141	21	21	0	32	DOE/WMCO REVIEW AND COMMENT	31JAN95	28FEB95
..3206A25138*	60	60	0 P FS	0	METAL PROCESS PLANTS REPORT	28APR93	20JUL93
..3206A25143*	21	21	0 S FS	0	RESOLVE AND INCORPORATE COMMENTS	1MAR95	29MAR95
3206A25143	21	21	0	32	RESOLVE AND INCORPORATE COMMENTS	1MAR95	29MAR95
..3206A25141*	21	21	0 P FS	0	DOE/WMCO REVIEW AND COMMENT	31JAN95	28FEB95
..3206A25197	40	40	0 S FS	0	ASSEMBLE AND COMP RI RPT	30MAR95	24MAY95
3206A25145	40	40	0	32	SUPPORT FACILITIES REPORT	6DEC94	30JAN95
..3203A29111*	5	5	0 P FS	0	DATA ENTRY	29NOV94	5DEC94
..3203A29123	5	5	0 P FS	0	DATA ENTRY	29NOV94	5DEC94
..3204A81100	446	446	0 S FF	0	EVALUATE DATA FOR RISK ASSESSMENT	25AUG93	10MAY95
..3206A02100	546	546	0 S SS	0	REMEDIAL INVESTIGATION REPORT	28APR93	15NOV95
..3206A25148*	21	21	0 S FS	0	DOE/WMCO REVIEW AND COMMENT	8FEB95	8MAR95
3206A25148	21	21	0	32	DOE/WMCO REVIEW AND COMMENT	8FEB95	8MAR95
..3206A25145*	40	40	0 P FS	0	SUPPORT FACILITIES REPORT	6DEC94	30JAN95
..3206A25151*	15	15	0 S FS	0	RESOLVE AND INCORPORATE COMMENTS	9MAR95	29MAR95
3206A25151	15	15	0	32	RESOLVE AND INCORPORATE COMMENTS	9MAR95	29MAR95
..3206A25148*	21	21	0 P FS	0	DOE/WMCO REVIEW AND COMMENT	8FEB95	8MAR95
..3206A25197	40	40	0 S FS	0	ASSEMBLE AND COMP RI RPT	30MAR95	24MAY95
3206A25153	40	40	0	32	PONDS/BASINS REPORT	18JUN93	12AUG93
..3203A37111*	5	5	0 P FS	0	DATA ENTRY	11JUN93	17JUN93
..3204A81100	446	446	0 S FF	0	EVALUATE DATA FOR RISK ASSESSMENT	25AUG93	10MAY95
..3206A02100	546	546	0 S SS	0	REMEDIAL INVESTIGATION REPORT	28APR93	15NOV95
..3206A25155*	21	21	0 S FS	0	DOE/WMCO REVIEW AND COMMENT	15FEB95	15MAR95
3206A25155	21	21	0	32	DOE/WMCO REVIEW AND COMMENT	15FEB95	15MAR95
..3206A25153*	40	40	0 P FS	0	PONDS/BASINS REPORT	18JUN93	12AUG93
..3206A25158*	10	10	0 S FS	0	RESOLVE AND INCORPORATE COMMENTS	16MAR95	29MAR95
3206A25158	10	10	0	32	RESOLVE AND INCORPORATE COMMENTS	16MAR95	29MAR95
..3206A25155*	21	21	0 P FS	0	DOE/WMCO REVIEW AND COMMENT	15FEB95	15MAR95
..3206A25197	40	40	0 S FS	0	ASSEMBLE AND COMP RI RPT	30MAR95	24MAY95
3206A25161	60	60	0	32	SUBSURFACE TANKS/UTILITIES/EQUIPMENT REPORT	8NOV94	30JAN95
..3203A38111*	5	5	0 P FS	0	DATA ENTRY	1NOV94	7NOV94
..3204A81100	446	446	0 S FF	0	EVALUATE DATA FOR RISK ASSESSMENT	25AUG93	10MAY95
..3206A02100	546	546	0 S SS	0	REMEDIAL INVESTIGATION REPORT	28APR93	15NOV95
..3206A25163*	21	21	0 S FS	0	DOE/WMCO REVIEW AND COMMENT	31JAN95	28FEB95

ACTIVITY ID	ORIG DUR	REM DUR	%		CODE	ACTIVITY DESCRIPTION	LATE START	LATE FINISH
REMEDIAL INVESTIGATION								
3206A25163	21	21	0		32	DOE/WMCO REVIEW AND COMMENT	31JAN95	28FEB95
..3206A25161*	60	60	0	P FS	0	SUBSURFACE TANKS/UTILITIES/EQUIPMENT REPORT	8NOV94	30JAN95
..3206A25165*	21	21	0	S FS	0	RESOLVE AND INCORPORATE COMMENTS	1MAR95	29MAR95
3206A25165	21	21	0		32	RESOLVE AND INCORPORATE COMMENTS	1MAR95	29MAR95
..3206A25163*	21	21	0	P FS	0	DOE/WMCO REVIEW AND COMMENT	31JAN95	28FEB95
..3206A25197*	40	40	0	S FS	0	ASSEMBLE AND COMP RI RPT	30MAR95	24MAY95
3206A25168	60	60	0		32	ABOVE GROUND TANKS/UTILITIES/EQUIPMENT REPORT	11JAN94	4APR94
..3203A32111*	5	5	0	P FS	0	DATA ENTRY	4JAN94	10JAN94
..3204A81100	446	446	0	S FF	0	EVALUATE DATA FOR RISK ASSESSMENT	25AUG93	10MAY95
..3206A02100	546	546	0	S SS	0	REMEDIAL INVESTIGATION REPORT	28APR93	15NOV95
..3206A25171*	21	21	0	S FS	0	DOE/WMCO REVIEW AND COMMENT	31JAN95	28FEB95
3206A25171	21	21	0		32	DOE/WMCO REVIEW AND COMMENT	31JAN95	28FEB95
..3206A25168*	60	60	0	P FS	0	ABOVE GROUND TANKS/UTILITIES/EQUIPMENT REPORT	11JAN94	4APR94
..3206A25173*	21	21	0	S FS	0	RESOLVE AND INCORPORATE COMMENTS	1MAR95	29MAR95
3206A25173	21	21	0		32	RESOLVE AND INCORPORATE COMMENTS	1MAR95	29MAR95
..3206A25171*	21	21	0	P FS	0	DOE/WMCO REVIEW AND COMMENT	31JAN95	28FEB95
..3206A25197	40	40	0	S FS	0	ASSEMBLE AND COMP RI RPT	30MAR95	24MAY95
3206A25175	40	40	0		32	PARKING LOT, RAILROAD TRACKS, ROADS REPORT	7JUL94	31AUG94
..3203A33111*	5	5	0	P FS	0	DATA ENTRY	30JUN94	6JUL94
..3204A81100	446	446	0	S FF	0	EVALUATE DATA FOR RISK ASSESSMENT	25AUG93	10MAY95
..3206A02100	546	546	0	S SS	0	REMEDIAL INVESTIGATION REPORT	28APR93	15NOV95
..3206A25178*	21	21	0	S FS	0	DOE/WMCO REVIEW AND COMMENT	15FEB95	15MAR95
3206A25178	21	21	0		32	DOE/WMCO REVIEW AND COMMENT	15FEB95	15MAR95
..3206A25175*	40	40	0	P FS	0	PARKING LOT, RAILROAD TRACKS, ROADS REPORT	7JUL94	31AUG94
..3206A25181*	10	10	0	S FS	0	RESOLVE AND INCORPORATE COMMENTS	16MAR95	29MAR95
3206A25181	10	10	0		32	RESOLVE AND INCORPORATE COMMENTS	16MAR95	29MAR95
..3206A25178*	21	21	0	P FS	0	DOE/WMCO REVIEW AND COMMENT	15FEB95	15MAR95
..3206A25197	40	40	0	S FS	0	ASSEMBLE AND COMP RI RPT	30MAR95	24MAY95
3206A25183	40	40	0		32	WASTE PROCESSING FACILITIES REPORT	6DEC94	30JAN95
..3203A34111*	5	5	0	P FS	0	DATA ENTRY	29NOV94	5DEC94
..3204A81100	446	446	0	S FF	0	EVALUATE DATA FOR RISK ASSESSMENT	25AUG93	10MAY95
..3206A02100	546	546	0	S SS	0	REMEDIAL INVESTIGATION REPORT	28APR93	15NOV95
..3206A25185*	21	21	0	S FS	0	DOE/WMCO REVIEW AND COMMENT	31JAN95	28FEB95
3206A25185	21	21	0		32	DOE/WMCO REVIEW AND COMMENT	31JAN95	28FEB95
..3206A25183*	40	40	0	P FS	0	WASTE PROCESSING FACILITIES REPORT	6DEC94	30JAN95

ACTIVITY ID	ORIG DUR	REM DUR	%			CODE	ACTIVITY DESCRIPTION	LATE START	LATE FINISH
..3206A25188*	21	21	0	S	FS	0	RESOLVE AND INCORPORATE COMMENTS	1MAR95	29MAR95
3206A25188	21	21	0			32	RESOLVE AND INCORPORATE COMMENTS	1MAR95	29MAR95
..3206A25185*	21	21	0	P	FS	0	DOE/WMCO REVIEW AND COMMENT	31JAN95	28FEB95
..3206A25197*	40	40	0	S	FS	0	ASSEMBLE AND COMP RI RPT	30MAR95	24MAY95
3206A25191	40	40	0			32	FMPC INVENTORY REPORT	6DEC94	30JAN95
..3203A35111*	5	5	0	P	FS	0	DATA ENTRY	29NOV94	5DEC94
..3204A81100	446	446	0	S	FF	0	EVALUATE DATA FOR RISK ASSESSMENT	25AUG93	10MAY95
..3206A02100	546	546	0	S	SS	0	REMEDIAL INVESTIGATION REPORT	28APR93	15NOV95
..3206A25193*	21	21	0	S	FS	0	DOE/WMCO REVIEW AND COMMENT	15FEB95	15MAR95
3206A25193	21	21	0			32	DOE/WMCO REVIEW AND COMMENT	15FEB95	15MAR95
..3206A25191*	40	40	0	P	FS	0	FMPC INVENTORY REPORT	6DEC94	30JAN95
..3206A25195*	10	10	0	S	FS	0	RESOLVE AND INCORPORATE COMMENTS	16MAR95	29MAR95
3206A25195	10	10	0			32	RESOLVE AND INCORPORATE COMMENTS	16MAR95	29MAR95
..3206A25193*	21	21	0	P	FS	0	DOE/WMCO REVIEW AND COMMENT	15FEB95	15MAR95
..3206A25197	40	40	0	S	FS	0	ASSEMBLE AND COMP RI RPT	30MAR95	24MAY95
3206A25196	40	40	0			32	INTEGRATE REMOVAL ACTIONS	30MAR95	24MAY95
..3203W02101*	900	900	0	P	FS	0	SAFE SHUTDOWN BY WMCO	17OCT91	29MAR95
..3315A30101	40	40	0	S	FS	0	REVISE ALTERNATIVES	25MAY95	19JUL95
3206A25197	40	40	0			32	ASSEMBLE AND COMP RI RPT	30MAR95	24MAY95
..3204A81150	10	10	0	P	FF	0	INTERNAL REVIEW OF OU3 RA	11MAY95	24MAY95
..3206A25100*	60	60	0	P	FS	0	DEVELOP RI REPORT AND BACKGROUND INFORMATION	5JAN95	29MAR95
..3206A25108	10	10	0	P	FS	0	RESOLVE AND INCORPORATE COMMENTS	16MAR95	29MAR95
..3206A25118	21	21	0	P	FS	0	RESOLVE AND INCORPORATE COMMENTS	1MAR95	29MAR95
..3206A25128	21	21	0	P	FS	0	RESOLVE AND INCORPORATE COMMENTS	1MAR95	29MAR95
..3206A25135	21	21	0	P	FS	0	RESOLVE AND INCORPORATE COMMENTS	1MAR95	29MAR95
..3206A25143	21	21	0	P	FS	0	RESOLVE AND INCORPORATE COMMENTS	1MAR95	29MAR95
..3206A25151	15	15	0	P	FS	0	RESOLVE AND INCORPORATE COMMENTS	9MAR95	29MAR95
..3206A25158	10	10	0	P	FS	0	RESOLVE AND INCORPORATE COMMENTS	16MAR95	29MAR95
..3206A25165*	21	21	0	P	FS	0	RESOLVE AND INCORPORATE COMMENTS	1MAR95	29MAR95
..3206A25173	21	21	0	P	FS	0	RESOLVE AND INCORPORATE COMMENTS	1MAR95	29MAR95
..3206A25181	10	10	0	P	FS	0	RESOLVE AND INCORPORATE COMMENTS	16MAR95	29MAR95
..3206A25188*	21	21	0	P	FS	0	RESOLVE AND INCORPORATE COMMENTS	1MAR95	29MAR95
..3206A25195	10	10	0	P	FS	0	RESOLVE AND INCORPORATE COMMENTS	16MAR95	29MAR95
..3206A25199*	5	5	0	S	FS	0	INTERNAL REVIEW	9NOV95	15NOV95
..3315A30101*	40	40	0	S	FS	0	REVISE ALTERNATIVES	25MAY95	19JUL95
3206A25199	5	5	0			32	INTERNAL REVIEW	9NOV95	15NOV95
..3206A02100*	546	546	0	P	FF	0	REMEDIAL INVESTIGATION REPORT	28APR93	15NOV95
..3206A25197*	40	40	0	P	FS	0	ASSEMBLE AND COMP RI RPT	30MAR95	24MAY95

ACTIVITY ID	ORIG DUR	REM DUR	%	CODE	ACTIVITY DESCRIPTION	LATE START	LATE FINISH
..3206A25501*	21	21	0 S FS	0	DOE/WMCO REVIEW AND COMMENT	16NOV95	14DEC95
3206A25501	21	21	0	32	DOE/WMCO REVIEW AND COMMENT	16NOV95	14DEC95
..3206A25199*	5	5	0 P FS	0	INTERNAL REVIEW	9NOV95	15NOV95
..3206A02500*	85	85	0 S SS	0	DOE OU 3 RI REVIEW/REVISE/APPROVE	16NOV95	13MAR96
..3206A25503*	21	21	0 S FS	0	INCORPORATE DOE/WMCO COMMENTS	15DEC95	12JAN96
3206A25503	21	21	0	32	INCORPORATE DOE/WMCO COMMENTS	15DEC95	12JAN96
..3206A25501*	21	21	0 P FS	0	DOE/WMCO REVIEW AND COMMENT	16NOV95	14DEC95
..3206A25520*	1	1	0 S FS	0	SUBMIT REVISED DRAFT TO DOE	15JAN96	15JAN96
3206A25520	1	1	0	32	SUBMIT REVISED DRAFT TO DOE	15JAN96	15JAN96
..3206A25503*	21	21	0 P FS	0	INCORPORATE DOE/WMCO COMMENTS	15DEC95	12JAN96
..3206A25570*	21	21	0 S FS	0	EM-1 REVIEW AND COMMENT	16JAN96	13FEB96
3206A25570	21	21	0	32	EM-1 REVIEW AND COMMENT	16JAN96	13FEB96
..3206A25520*	1	1	0 P FS	0	SUBMIT REVISED DRAFT TO DOE	15JAN96	15JAN96
..3206A25580*	21	21	0 S FS	0	INCORPORATE EM-1 COMMENTS	14FEB96	13MAR96
3206A25580	21	21	0	32	INCORPORATE EM-1 COMMENTS	14FEB96	13MAR96
..3206A02500*	85	85	0 P FF	0	DOE OU 3 RI REVIEW/REVISE/APPROVE	16NOV95	13MAR96
..3206A25570*	21	21	0 P FS	0	EM-1 REVIEW AND COMMENT	16JAN96	13FEB96
..3206A01590*	0	0	0 S FS	0	SUBMIT DRAFT RI REPORT TO EPA		13MAR96
3206A25610	42	42	0	32	EPA REVIEW AND COMMENT OF OU3 RI	14MAR96	10MAY96
..3206A01590*	0	0	0 P FS	0	SUBMIT DRAFT RI REPORT TO EPA		13MAR96
..3206A02600*	84	84	0 S SS	0	EPA REVIEW/REVISE/APPROVE	14MAR96	9JUL96
..3206A25620*	21	21	0 S FS	0	INCORPORATE EPA COMMENTS	13MAY96	10JUN96
3206A25620	21	21	0	32	INCORPORATE EPA COMMENTS	13MAY96	10JUN96
..3206A25610*	42	42	0 P FS	0	EPA REVIEW AND COMMENT OF OU3 RI	14MAR96	10MAY96
..3206A25625*	21	21	0 S FS	0	EPA REVIEW AND APPROVE	11JUN96	9JUL96
3206A25625	21	21	0	32	EPA REVIEW AND APPROVE	11JUN96	9JUL96
..3206A02600*	84	84	0 P FF	0	EPA REVIEW/REVISE/APPROVE	14MAR96	9JUL96
..3206A25620*	21	21	0 P FS	0	INCORPORATE EPA COMMENTS	13MAY96	10JUN96
..3206A25710*	12	12	0 S FS	0	INCORPORATE EPA FINAL COMMENTS	10JUL96	25JUL96
3206A25710	12	12	0	32	INCORPORATE EPA FINAL COMMENTS	10JUL96	25JUL96
..3206A25625*	21	21	0 P FS	0	EPA REVIEW AND APPROVE	11JUN96	9JUL96
..3206A02700*	20	20	0 S SS	0	PRINT AND DISTRIBUTE FINAL RI REPORT	10JUL96	6AUG96
..3206A25720*	3	3	0 S FS	0	INTERNAL REVIEW	26JUL96	30JUL96
3206A25720	3	3	0	32	INTERNAL REVIEW	26JUL96	30JUL96
..3206A25710*	12	12	0 P FS	0	INCORPORATE EPA FINAL COMMENTS	10JUL96	25JUL96

ACTIVITY ID	ORIG DUR	REM DUR	%		CODE	ACTIVITY DESCRIPTION	LATE START	LATE FINISH
..3206A25730*	5	5	0	S FS	0	PRINT AND DIST FINAL RI REPORT	31JUL96	6AUG96
3206A25730	5	5	0		32	PRINT AND DIST FINAL RI REPORT	31JUL96	6AUG96
..3206A02700*	20	20	0	P FF	0	PRINT AND DISTRIBUTE FINAL RI REPORT	10JUL96	6AUG96
..3206A25720*	3	3	0	P FS	0	INTERNAL REVIEW	26JUL96	30JUL96
..3315A41605	0	0	0	S FS	0	SUBMIT EPA DRAFT FS/PP	7AUG96	
INITIAL SCREENING OF ALTERNATIVES								
3312A09101	10	10	0		33	DEVELOP PRELIMINARY RAOs	5APR94	18APR94
..3312A09114*	10	10	0	P FS	0	UPDATE PRELIMINARY ARARS	22MAR94	4APR94
..3312A09103*	5	5	0	S FS	0	DEVELOP GENERAL RESPONSE ACTIONS	19APR94	25APR94
3312A09103	5	5	0		33	DEVELOP GENERAL RESPONSE ACTIONS	19APR94	25APR94
..3312A09101*	10	10	0	P FS	0	DEVELOP PRELIMINARY RAOs	5APR94	18APR94
..3312A09105*	20	20	0	S FS	0	IDENTIFY TECHNOLOGY TYPES	26APR94	23MAY94
3312A09105	20	20	0		33	IDENTIFY TECHNOLOGY TYPES	26APR94	23MAY94
..3312A09103*	5	5	0	P FS	0	DEVELOP GENERAL RESPONSE ACTIONS	19APR94	25APR94
..3312A09108*	40	40	0	S FS	0	IDENTIFY PROCESS OPTIONS AND SCREEN TECHS	24MAY94	18JUL94
3312A09108	40	40	0		33	IDENTIFY PROCESS OPTIONS AND SCREEN TECHS	24MAY94	18JUL94
..3312A09105*	20	20	0	P FS	0	IDENTIFY TECHNOLOGY TYPES	26APR94	23MAY94
..3312A09111*	21	21	0	S FS	0	EVALUATE PROCESS OPTIONS	19JUL94	16AUG94
3312A09111	21	21	0		33	EVALUATE PROCESS OPTIONS	19JUL94	16AUG94
..3312A09108*	40	40	0	P FS	0	IDENTIFY PROCESS OPTIONS AND SCREEN TECHS	24MAY94	18JUL94
..3312A09113*	20	20	0	S FS	0	CREATE ALTERNATIVES	17AUG94	13SEP94
3312A09113	20	20	0		33	CREATE ALTERNATIVES	17AUG94	13SEP94
..3312A09111*	21	21	0	P FS	0	EVALUATE PROCESS OPTIONS	19JUL94	16AUG94
..3312A09115*	20	20	0	S FS	0	PREPARE ISA COST ESTIMATE	14SEP94	11OCT94
3312A09114	10	10	0		33	UPDATE PRELIMINARY ARARS	22MAR94	4APR94
..3202A08605*	21	21	0	P FS	0	EPA REVIEW AND APPROVE	31JUL92	28AUG92
..3312A02100*	181	181	0	S SS	0	INITIAL SCREENING OF ALTERNATIVES REPORT PREP.	22MAR94	29NOV94
..3312A09101*	10	10	0	S FS	0	DEVELOP PRELIMINARY RAOs	5APR94	18APR94
3312A09115	20	20	0		33	PREPARE ISA COST ESTIMATE	14SEP94	11OCT94
..3312A09113*	20	20	0	P FS	0	CREATE ALTERNATIVES	17AUG94	13SEP94
..3312A09118*	20	20	0	S FS	0	SCREEN ALTERNATIVES	12OCT94	8NOV94
3312A09118	20	20	0		33	SCREEN ALTERNATIVES	12OCT94	8NOV94
..3312A09115*	20	20	0	P FS	0	PREPARE ISA COST ESTIMATE	14SEP94	11OCT94
..3312A09121*	10	10	0	S FS	0	COMPLETE ISA REPORT	9NOV94	22NOV94

ACTIVITY ID	ORIG DUR	REM DUR	%	CODE	ACTIVITY DESCRIPTION	LATE START	LATE FINISH
INITIAL SCREENING OF ALTERNATIVES							
3312A09121	10	10	0	33	COMPLETE ISA REPORT	9NOV94	22NOV94
..3312A09118*	20	20	0	P FS 0	SCREEN ALTERNATIVES	12OCT94	8NOV94
..3312A09123*	5	5	0	S FS 0	INTERNAL REVIEW	23NOV94	29NOV94
3312A09123	5	5	0	33	INTERNAL REVIEW	23NOV94	29NOV94
..3312A02100*	181	181	0	P FF 0	INITIAL SCREENING OF ALTERNATIVES REPORT PREP.	22MAR94	29NOV94
..3312A09121*	10	10	0	P FS 0	COMPLETE ISA REPORT	9NOV94	22NOV94
..3312A09501*	21	21	0	S FS 0	DOE/WMCO REVIEW AND COMMENT	30NOV94	28DEC94
3312A09501	21	21	0	33	DOE/WMCO REVIEW AND COMMENT	30NOV94	28DEC94
..3312A09123*	5	5	0	P FS 0	INTERNAL REVIEW	23NOV94	29NOV94
..3312A02500*	84	84	0	S SS 0	DOE REVIEW/REVISE/APPROVE	30NOV94	27MAR95
..3312A09503*	21	21	0	S FS 0	INCORPORATE DOE/WMCO COMMENTS	29DEC94	26JAN95
3312A09503	21	21	0	33	INCORPORATE DOE/WMCO COMMENTS	29DEC94	26JAN95
..3312A09501*	21	21	0	P FS 0	DOE/WMCO REVIEW AND COMMENT	30NOV94	28DEC94
..3312A09511*	21	21	0	S FS 0	EM-1 REVIEW AND COMMENT	27JAN95	24FEB95
3312A09511	21	21	0	33	EM-1 REVIEW AND COMMENT	27JAN95	24FEB95
..3312A09503*	21	21	0	P FS 0	INCORPORATE DOE/WMCO COMMENTS	29DEC94	26JAN95
..3312A09513*	21	21	0	S FS 0	INCORPORATE EM-1 COMMENTS	27FEB95	27MAR95
3312A09513	21	21	0	33	INCORPORATE EM-1 COMMENTS	27FEB95	27MAR95
..3312A02500*	84	84	0	P FF 0	DOE REVIEW/REVISE/APPROVE	30NOV94	27MAR95
..3312A09511*	21	21	0	P FS 0	EM-1 REVIEW AND COMMENT	27JAN95	24FEB95
..3312A09601*	42	42	0	S FS 0	EPA REVIEW AND COMMENT	28MAR95	24MAY95
3312A09601	42	42	0	33	EPA REVIEW AND COMMENT	28MAR95	24MAY95
..3312A09513*	21	21	0	P FS 0	INCORPORATE EM-1 COMMENTS	27FEB95	27MAR95
..3312A02600*	84	84	0	S SS 0	EPA REVIEW/REVISE/APPROVE	28MAR95	4JAN96
..3312A09603*	21	21	0	S FS 0	INCORPORATE EPA COMMENTS	8NOV95	6DEC95
..3315A30101	40	40	0	S FS 0	REVISE ALTERNATIVES	25MAY95	19JUL95
3312A09603	21	21	0	33	INCORPORATE EPA COMMENTS	8NOV95	6DEC95
..3312A09601*	42	42	0	P FS 0	EPA REVIEW AND COMMENT	28MAR95	24MAY95
..3312A09605*	21	21	0	S FS 0	EPA REVIEW AND APPROVE ISA	7DEC95	4JAN96
3312A09605	21	21	0	33	EPA REVIEW AND APPROVE ISA	7DEC95	4JAN96
..3312A02600*	84	84	0	P FF 0	EPA REVIEW/REVISE/APPROVE	28MAR95	4JAN96
..3312A09603*	21	21	0	P FS 0	INCORPORATE EPA COMMENTS	8NOV95	6DEC95
..3312A09608*	12	12	0	S FS 0	INCORPORATE EPA FINAL COMMENTS	5JAN96	22JAN96
3312A09608	12	12	0	33	INCORPORATE EPA FINAL COMMENTS	5JAN96	22JAN96
..3312A09605*	21	21	0	P FS 0	EPA REVIEW AND APPROVE ISA	7DEC95	4JAN96

ACTIVITY ID	ORIG DUR	REM DUR	%			CODE	ACTIVITY DESCRIPTION	LATE START	LATE FINISH
..3312A02700*	20	20	0	S	SS	0	PRINT AND DISTRIBUTE FINAL REPORT	5JAN96	1FEB96
..3312A09611*	3	3	0	S	FS	0	INTERNAL REVIEW	23JAN96	25JAN96
3312A09611	3	3	0			33	INTERNAL REVIEW	23JAN96	25JAN96
..3312A09608*	12	12	0	P	FS	0	INCORPORATE EPA FINAL COMMENTS	5JAN96	22JAN96
..3312A09613*	5	5	0	S	FS	0	PRINT AND DISTRIBUTE FINAL REPORT	26JAN96	1FEB96
3312A09613	5	5	0			33	PRINT AND DISTRIBUTE FINAL REPORT	26JAN96	1FEB96
..3312A02700*	20	20	0	P	FF	0	PRINT AND DISTRIBUTE FINAL REPORT	5JAN96	1FEB96
..3312A09611*	3	3	0	P	FS	0	INTERNAL REVIEW	23JAN96	25JAN96
..3315A41201	30	30	0	S	FS	0	PREPARE INTERNAL DRAFT PROPOSED PLAN	2FEB96	14MAR96
DETAILED ANALYSIS/COMP ANALYSIS									
3315A30101	40	40	0			33	REVISE ALTERNATIVES	25MAY95	19JUL95
..0438A04929	1	1	0	P	FS	0	DELIVER REVISED EWMF RI/FS SITING REPORT	9APR93	9APR93
..3206A25196	40	40	0	P	FS	0	INTEGRATE REMOVAL ACTIONS	30MAR95	24MAY95
..3206A25197*	40	40	0	P	FS	0	ASSEMBLE AND COMP RI RPT	30MAR95	24MAY95
..3312A09601	42	42	0	P	FS	0	EPA REVIEW AND COMMENT	28MAR95	24MAY95
..3315A02100*	231	231	0	S	SS	0	FEASIBILITY STUDY/PROP. PLN REPORT	25MAY95	11APR96
..3315A30103*	30	30	0	S	FS	0	PERFORM F/T MODELING	20JUL95	30AUG95
..3315A30115*	10	10	0	S	FS	0	REVISE ALT DESCRIPTION	14SEP95	27SEP95
..3316A82131*	40	40	0	S	SS	0	INTEGRATE FINAL OU3 RA DATA	15JUN95	9AUG95
3315A30103	30	30	0			33	PERFORM F/T MODELING	20JUL95	30AUG95
..3205A31121	21	21	0	P	FS	0	DOE/WMCO REVIEW/COMMENT TREATABILITY TEST REP.	21JUN95	19JUL95
..3315A30101*	40	40	0	P	FS	0	REVISE ALTERNATIVES	25MAY95	19JUL95
..3315A30105*	30	30	0	S	FS	0	EVAL EXP/RISK/TOXICITY	31AUG95	11OCT95
3315A30105	30	30	0			33	EVAL EXP/RISK/TOXICITY	31AUG95	11OCT95
..3315A30103*	30	30	0	P	FS	0	PERFORM F/T MODELING	20JUL95	30AUG95
..3315A30108*	15	15	0	S	SS	0	EVAL EXPOSURE DURING REM.	21SEP95	11OCT95
..3315A30111*	20	20	0	S	FS	0	PREPARE FS-RA APPENDIX	21DEC95	17JAN96
..3315A30118*	30	30	0	S	FS	0	EVAL ALT EFFECTIVENESS	12OCT95	22NOV95
..3315A30125*	30	30	0	S	FF	0	NEPA ANALYSIS	31AUG95	11OCT95
3315A30108	15	15	0			33	EVAL EXPOSURE DURING REM.	21SEP95	11OCT95
..3315A30105*	30	30	0	P	SS	0	EVAL EXP/RISK/TOXICITY	31AUG95	11OCT95
..3315A30118	30	30	0	S	FS	0	EVAL ALT EFFECTIVENESS	12OCT95	22NOV95
3315A30111	20	20	0			33	PREPARE FS-RA APPENDIX	21DEC95	17JAN96
..3315A30105*	30	30	0	P	FS	0	EVAL EXP/RISK/TOXICITY	31AUG95	11OCT95
..3315A30113*	10	10	0	S	FS	0	INTERNAL REVIEW OF FS-RA	18JAN96	31JAN96
3315A30113	10	10	0			33	INTERNAL REVIEW OF FS-RA	18JAN96	31JAN96
..3315A30111*	20	20	0	P	FS	0	PREPARE FS-RA APPENDIX	21DEC95	17JAN96

ACTIVITY ID	ORIG DUR	REM DUR	%	CODE	ACTIVITY DESCRIPTION	LATE START	LATE FINISH
..3315A40101	1	1	0	S FS 0	INCORPORATE DAA CHAPTERS	1FEB96	1FEB96
3315A30115	10	10	0	33	REVISE ALT DESCRIPTION	14SEP95	27SEP95
..3315A30101*	40	40	0	P FS 0	REVISE ALTERNATIVES	25MAY95	19JUL95
..3315A30118	30	30	0	S FS 0	EVAL ALT EFFECTIVENESS	12OCT95	22NOV95
..3315A30123*	40	40	0	S FS 0	REVISE ALT COST ESTIMATE	28SEP95	22NOV95
3315A30118	30	30	0	33	EVAL ALT EFFECTIVENESS	12OCT95	22NOV95
..3315A30105*	30	30	0	P FS 0	EVAL EXP/RISK/TOXICITY	31AUG95	11OCT95
..3315A30108	15	15	0	P FS 0	EVAL EXPOSURE DURING REM.	21SEP95	11OCT95
..3315A30115	10	10	0	P FS 0	REVISE ALT DESCRIPTION	14SEP95	27SEP95
..3315A30125*	30	30	0	P FS 0	NEPA ANALYSIS	31AUG95	11OCT95
..3315A30121*	30	30	0	S SS 0	EVAL ALT IMPLEMENTABILITY	12OCT95	22NOV95
..3315A30128*	35	35	0	S FS 0	COMPARATIVE ANALYSIS	23NOV95	10JAN96
3315A30121	30	30	0	33	EVAL ALT IMPLEMENTABILITY	12OCT95	22NOV95
..3315A30118*	30	30	0	P SS 0	EVAL ALT EFFECTIVENESS	12OCT95	22NOV95
..3315A30128*	35	35	0	S FS 0	COMPARATIVE ANALYSIS	23NOV95	10JAN96
3315A30123	40	40	0	33	REVISE ALT COST ESTIMATE	28SEP95	22NOV95
..3315A30115*	10	10	0	P FS 0	REVISE ALT DESCRIPTION	14SEP95	27SEP95
..3315A30128	35	35	0	S FS 0	COMPARATIVE ANALYSIS	23NOV95	10JAN96
3315A30125	30	30	0	33	NEPA ANALYSIS	31AUG95	11OCT95
..3315A30105*	30	30	0	P FF 0	EVAL EXP/RISK/TOXICITY	31AUG95	11OCT95
..3315A30118*	30	30	0	S FS 0	EVAL ALT EFFECTIVENESS	12OCT95	22NOV95
3315A30128	35	35	0	33	COMPARATIVE ANALYSIS	23NOV95	10JAN96
..3315A30118*	30	30	0	P FS 0	EVAL ALT EFFECTIVENESS	12OCT95	22NOV95
..3315A30121*	30	30	0	P FS 0	EVAL ALT IMPLEMENTABILITY	12OCT95	22NOV95
..3315A30123	40	40	0	P FS 0	REVISE ALT COST ESTIMATE	28SEP95	22NOV95
..3316A82141	20	20	0	P FS 0	UPDATE CUMULATIVE FS RA APPENDIX	26OCT95	22NOV95
..3315A30131*	15	15	0	S FS 0	PREPARE DAA CHAPTER	11JAN96	31JAN96
3315A30131	15	15	0	33	PREPARE DAA CHAPTER	11JAN96	31JAN96
..3315A30128*	35	35	0	P FS 0	COMPARATIVE ANALYSIS	23NOV95	10JAN96
..3315A30133*	5	5	0	S FS 0	INTERNAL REVIEW - FS/PP	15MAR96	21MAR96
..3315A40101*	1	1	0	S FS 0	INCORPORATE DAA CHAPTERS	1FEB96	1FEB96
3315A30133	5	5	0	33	INTERNAL REVIEW - FS/PP	15MAR96	21MAR96
..3315A30131*	15	15	0	P FS 0	PREPARE DAA CHAPTER	11JAN96	31JAN96
..3315A41208	15	15	0	S FS 0	INCORPORATE FS/PP INTERNAL REVIEW COMMENTS	22MAR96	11APR96
FEASIBILITY STUDY							
3315A40101	1	1	0	33	INCORPORATE DAA CHAPTERS	1FEB96	1FEB96

ACTIVITY ID	ORIG DUR	REM DUR	%		CODE	ACTIVITY DESCRIPTION	LATE START	LATE FINISH
..3315A30113	10	10	0	P FS	0	INTERNAL REVIEW OF FS-RA	18JAN96	31JAN96
..3315A30131*	15	15	0	P FS	0	PREPARE DAA CHAPTER	11JAN96	31JAN96
..3315A40122*	10	10	0	S FS	0	PREPARE QA SECTIONS OF FS	9FEB96	22FEB96
..3315A40123*	10	10	0	S FS	0	PREPARE NEPA APPENDIX	9FEB96	22FEB96
..3315A40125	30	30	0	S FS	0	PREPARE INTERNAL DRAFT - FS	23FEB96	4APR96
..3315A41201*	30	30	0	S FS	0	PREPARE INTERNAL DRAFT PROPOSED PLAN	2FEB96	14MAR96
3315A40122	10	10	0		33	PREPARE QA SECTIONS OF FS	9FEB96	22FEB96
..3315A40101*	1	1	0	P FS	0	INCORPORATE DAA CHAPTERS	1FEB96	1FEB96
..3315A40125*	30	30	0	S FS	0	PREPARE INTERNAL DRAFT - FS	23FEB96	4APR96
3315A40123	10	10	0		33	PREPARE NEPA APPENDIX	9FEB96	22FEB96
..3315A40101*	1	1	0	P FS	0	INCORPORATE DAA CHAPTERS	1FEB96	1FEB96
..3315A40125*	30	30	0	S FS	0	PREPARE INTERNAL DRAFT - FS	23FEB96	4APR96
3315A40125	30	30	0		33	PREPARE INTERNAL DRAFT - FS	23FEB96	4APR96
..3315A40101	1	1	0	P FS	0	INCORPORATE DAA CHAPTERS	1FEB96	1FEB96
..3315A40122*	10	10	0	P FS	0	PREPARE QA SECTIONS OF FS	9FEB96	22FEB96
..3315A40123*	10	10	0	P FS	0	PREPARE NEPA APPENDIX	9FEB96	22FEB96
..3315A40130*	5	5	0	S FS	0	INTERNAL REVIEW - FS	5APR96	11APR96
3315A40130	5	5	0		33	INTERNAL REVIEW - FS	5APR96	11APR96
..3315A40125*	30	30	0	P FS	0	PREPARE INTERNAL DRAFT - FS	23FEB96	4APR96
..3315A41501	0	0	0	S FS	0	SUBMIT DRAFT TO DOE/WMCO	12APR96	
PROPOSED PLAN								
3315A41201	30	30	0		33	PREPARE INTERNAL DRAFT PROPOSED PLAN	2FEB96	14MAR96
..3312A09613	5	5	0	P FS	0	PRINT AND DISTRIBUTE FINAL REPORT	26JAN96	1FEB96
..3315A40101*	1	1	0	P FS	0	INCORPORATE DAA CHAPTERS	1FEB96	1FEB96
..3315A41202*	5	5	0	S FS	0	COMMUNITY RELATIONS REVIEW - PP	15MAR96	21MAR96
3315A41202	5	5	0		33	COMMUNITY RELATIONS REVIEW - PP	15MAR96	21MAR96
..3315A41201*	30	30	0	P FS	0	PREPARE INTERNAL DRAFT PROPOSED PLAN	2FEB96	14MAR96
..3315A41208*	15	15	0	S FS	0	INCORPORATE FS/PP INTERNAL REVIEW COMMENTS	22MAR96	11APR96
3315A41208	15	15	0		33	INCORPORATE FS/PP INTERNAL REVIEW COMMENTS	22MAR96	11APR96
..3315A02100*	231	231	0	P FF	0	FEASIBILITY STUDY/PROP. PLN REPORT	25MAY95	11APR96
..3315A30133	5	5	0	P FS	0	INTERNAL REVIEW - FS/PP	15MAR96	21MAR96
..3315A41202*	5	5	0	P FS	0	COMMUNITY RELATIONS REVIEW - PP	15MAR96	21MAR96
..3315A41501*	0	0	0	S FS	0	SUBMIT DRAFT TO DOE/WMCO	12APR96	
3315A41501	0	0	0		33	SUBMIT DRAFT TO DOE/WMCO	12APR96	
..3315A40130	5	5	0	P FS	0	INTERNAL REVIEW - FS	5APR96	11APR96
..3315A41208*	15	15	0	P FS	0	INCORPORATE FS/PP INTERNAL REVIEW COMMENTS	22MAR96	11APR96
..3315A01010*	0	0	0	S FS	0	DELIVER FS/PP PLAN TO DOE	12APR96	

000230

ACTIVITY ID	ORIG DUR	REM DUR	%		CODE	ACTIVITY DESCRIPTION	LATE START	LATE FINISH
..3315A02500*	83	83	0	S SS	0	DOE FS/PP REVIEW/REVISE/APPROVE	12APR96	6AUG96
..3315A41504*	21	21	0	S FS	0	DOE/WMCO REVIEW & COMMENT -FS/PP	12APR96	10MAY96
..3319A50080*	42	42	0	S FS	0	PREPARE DECISION SUMMARY	2DEC96	28JAN97
3315A41504	21	21	0		33	DOE/WMCO REVIEW & COMMENT -FS/PP	12APR96	10MAY96
..3315A01010*	0	0	0	P FS	0	DELIVER FS/PP PLAN TO DOE	12APR96	
..3315A41501*	0	0	0	P FS	0	SUBMIT DRAFT TO DOE/WMCO	12APR96	
..3315A41516*	15	15	0	S FS	0	INCORPORATE DOE/WMCO COMMENTS	13MAY96	31MAY96
3315A41516	15	15	0		33	INCORPORATE DOE/WMCO COMMENTS	13MAY96	31MAY96
..3315A41504*	21	21	0	P FS	0	DOE/WMCO REVIEW & COMMENT -FS/PP	12APR96	10MAY96
..3315A41517*	5	5	0	S FS	0	INTERNAL REVIEW - FS/PP	3JUN96	7JUN96
3315A41517	5	5	0		33	INTERNAL REVIEW - FS/PP	3JUN96	7JUN96
..3315A41516*	15	15	0	P FS	0	INCORPORATE DOE/WMCO COMMENTS	13MAY96	31MAY96
..3315A41530*	0	0	0	S FS	0	SUBMIT DRAFT FS/PP TO EM-1		7JUN96
3315A41530	0	0	0		33	SUBMIT DRAFT FS/PP TO EM-1		7JUN96
..3315A41517*	5	5	0	P FS	0	INTERNAL REVIEW - FS/PP	3JUN96	7JUN96
..3315A41532*	21	21	0	S FS	0	EM-1 REVIEW & APPROVE	10JUN96	8JUL96
3315A41532	21	21	0		33	EM-1 REVIEW & APPROVE	10JUN96	8JUL96
..3315A41530*	0	0	0	P FS	0	SUBMIT DRAFT FS/PP TO EM-1		7JUN96
..3315A41535*	21	21	0	S FS	0	INCORPORATE EM-1 COMMENTS	9JUL96	6AUG96
3315A41535	21	21	0		33	INCORPORATE EM-1 COMMENTS	9JUL96	6AUG96
..3315A02500*	83	83	0	P FF	0	DOE FS/PP REVIEW/REVISE/APPROVE	12APR96	6AUG96
..3315A41532*	21	21	0	P FS	0	EM-1 REVIEW & APPROVE	10JUN96	8JUL96
..3315A41605*	0	0	0	S FS	0	SUBMIT EPA DRAFT FS/PP	7AUG96	
3315A41605	0	0	0		33	SUBMIT EPA DRAFT FS/PP	7AUG96	
..3206A25730	5	5	0	P FS	0	PRINT AND DIST FINAL RI REPORT	31JUL96	6AUG96
..3315A41535*	21	21	0	P FS	0	INCORPORATE EM-1 COMMENTS	9JUL96	6AUG96
..3315A01050*	0	0	0	S FS	0	DELIVER FS/PP PLAN TO EPA		6AUG96
..3315A02600*	84	84	0	S SS	0	EPA FS/PP REVIEW/REVISE/APPROVE	7AUG96	2DEC96
..3315A41606*	42	42	0	S FS	0	EPA REVIEW & COMMENT - OU3 FS/PP	7AUG96	30CT96
3315A41606	42	42	0		33	EPA REVIEW & COMMENT - OU3 FS/PP	7AUG96	30CT96
..3315A01050*	0	0	0	P FS	0	DELIVER FS/PP PLAN TO EPA		6AUG96
..3315A41605*	0	0	0	P FS	0	SUBMIT EPA DRAFT FS/PP	7AUG96	
..3315A41607*	21	21	0	S FS	0	INCORPORATE EPA COMMENTS	4OCT96	1NOV96
..3317A42101*	15	15	0	S SS	0	DRAFT NOTICE OF AVAILABILITY (NOA)	27AUG96	16SEP96
3315A41607	21	21	0		33	INCORPORATE EPA COMMENTS	4OCT96	1NOV96
..3315A41606*	42	42	0	P FS	0	EPA REVIEW & COMMENT - OU3 FS/PP	7AUG96	30CT96

ACTIVITY ID	ORIG DUR	REM DUR	%	CODE	ACTIVITY DESCRIPTION	LATE START	LATE FINISH
..3315A41620*	21	21	0 S FS	0	EPA REVIEW & APPROVAL	4NOV96	2DEC96
3315A41620	21	21	0	33	EPA REVIEW & APPROVAL	4NOV96	2DEC96
..3315A02600*	84	84	0 P FF	0	EPA FS/PP REVIEW/REVISE/APPROVE	7AUG96	2DEC96
..3315A41607*	21	21	0 P FS	0	INCORPORATE EPA COMMENTS	4OCT96	1NOV96
..3315A41710*	12	12	0 S FS	0	INCORPORATE EPA FINAL COMMENTS	3DEC96	18DEC96
3315A41710	12	12	0	33	INCORPORATE EPA FINAL COMMENTS	3DEC96	18DEC96
..3315A41620*	21	21	0 P FS	0	EPA REVIEW & APPROVAL	4NOV96	2DEC96
..3315A02700*	20	20	0 S SS	0	PRINT AND DISTRIBUTE FINAL FS/PP REPORT	3DEC96	30DEC96
..3315A41720*	3	3	0 S FS	0	INTERNAL REVIEW OF FINAL FS/PP	19DEC96	23DEC96
3315A41720	3	3	0	33	INTERNAL REVIEW OF FINAL FS/PP	19DEC96	23DEC96
..3315A41710*	12	12	0 P FS	0	INCORPORATE EPA FINAL COMMENTS	3DEC96	18DEC96
..3315A41730*	5	5	0 S FS	0	PRINT AND DIST FINAL FS/PP	24DEC96	30DEC96
3315A41730	5	5	0	33	PRINT AND DIST FINAL FS/PP	24DEC96	30DEC96
..3315A02700*	20	20	0 P FF	0	PRINT AND DISTRIBUTE FINAL FS/PP REPORT	3DEC96	30DEC96
..3315A41720*	3	3	0 P FS	0	INTERNAL REVIEW OF FINAL FS/PP	19DEC96	23DEC96
..3318A40020*	15	15	0 S FS	0	ISSUE NOTICE TO PUBLIC	31DEC96	20JAN97
..3318A40030	32	32	0 S FS	0	PUBLIC COMMENT PERIOD	21JAN97	5MAR97
FS RISK ASSESSMENT							
3316A82131	40	40	0	33	INTEGRATE FINAL OU3 RA DATA	15JUN95	9AUG95
..3315A30101*	40	40	0 P SS	0	REVISE ALTERNATIVES	25MAY95	19JUL95
..3316A81100*	115	115	0 S SS	0	PREPARE OU3 UPDATE CUMULATIVE FSRA	15JUN95	22NOV95
..3316A82133*	15	15	0 S FS	0	UPDATE SITEWIDE RME	10AUG95	30AUG95
3316A82133	15	15	0	33	UPDATE SITEWIDE RME	10AUG95	30AUG95
..3316A82131*	40	40	0 P FS	0	INTEGRATE FINAL OU3 RA DATA	15JUN95	9AUG95
..3316A82135*	30	30	0 S FS	0	UPDATE EVAL OF CHEMICALS OF CONCERN	31AUG95	11OCT95
3316A82135	30	30	0	33	UPDATE EVAL OF CHEMICALS OF CONCERN	31AUG95	11OCT95
..3316A82133*	15	15	0 P FS	0	UPDATE SITEWIDE RME	10AUG95	30AUG95
..3316A82138*	10	10	0 S FS	0	UPDATE EVALUATION OF RISKS	12OCT95	25OCT95
3316A82138	10	10	0	33	UPDATE EVALUATION OF RISKS	12OCT95	25OCT95
..3316A82135*	30	30	0 P FS	0	UPDATE EVAL OF CHEMICALS OF CONCERN	31AUG95	11OCT95
..3316A82141*	20	20	0 S FS	0	UPDATE CUMULATIVE FS RA APPENDIX	26OCT95	22NOV95
3316A82141	20	20	0	33	UPDATE CUMULATIVE FS RA APPENDIX	26OCT95	22NOV95
..3316A81100*	115	115	0 P FF	0	PREPARE OU3 UPDATE CUMULATIVE FSRA	15JUN95	22NOV95
..3316A82138*	10	10	0 P FS	0	UPDATE EVALUATION OF RISKS	12OCT95	25OCT95
..3315A30128	35	35	0 S FS	0	COMPARATIVE ANALYSIS	23NOV95	10JAN96

ACTIVITY ID	ORIG DUR	REM DUR	%		CODE	ACTIVITY DESCRIPTION	LATE START	LATE FINISH
DRAFT NOTICE OF AVAILABILITY								
3317A42101	15	15	0		33	DRAFT NOTICE OF AVAILABILITY (NOA)	27AUG96	16SEP96
..3315A41606*	42	42	0	P SS	0	EPA REVIEW & COMMENT - OU3 FS/PP	7AUG96	30CT96
..3317A02100*	105	105	0	S SS	0	DRAFT NOTICE OF AVAILABILITY (NOA)	27AUG96	20JAN97
..3317A42103*	30	30	0	S FS	0	DOE/HQ REVIEW AND COMMENT ON NOA	17SEP96	28OCT96
3317A42103	30	30	0		33	DOE/HQ REVIEW AND COMMENT ON NOA	17SEP96	28OCT96
..3317A42101*	15	15	0	P FS	0	DRAFT NOTICE OF AVAILABILITY (NOA)	27AUG96	16SEP96
..3317A42105*	15	15	0	S FS	0	INCORPORATE DOE NOA COMMENTS	29OCT96	18NOV96
3317A42105	15	15	0		33	INCORPORATE DOE NOA COMMENTS	29OCT96	18NOV96
..3317A42103*	30	30	0	P FS	0	DOE/HQ REVIEW AND COMMENT ON NOA	17SEP96	28OCT96
..3317A42107*	30	30	0	S FS	0	PRINT AND REPRODUCE NOA	19NOV96	30DEC96
3317A42107	30	30	0		33	PRINT AND REPRODUCE NOA	19NOV96	30DEC96
..3317A42105*	15	15	0	P FS	0	INCORPORATE DOE NOA COMMENTS	29OCT96	18NOV96
..3317A42109*	15	15	0	S FS	0	PUBLISH NOA	31DEC96	20JAN97
3317A42109	15	15	0		33	PUBLISH NOA	31DEC96	20JAN97
..3317A02100*	105	105	0	P FF	0	DRAFT NOTICE OF AVAILABILITY (NOA)	27AUG96	20JAN97
..3317A42107*	30	30	0	P FS	0	PRINT AND REPRODUCE NOA	19NOV96	30DEC96
..3318A40030	32	32	0	S FS	0	PUBLIC COMMENT PERIOD	21JAN97	5MAR97
FEASIBILITY STUDY								
3318A40020	15	15	0		33	ISSUE NOTICE TO PUBLIC	31DEC96	20JAN97
..3315A41730*	5	5	0	P FS	0	PRINT AND DIST FINAL FS/PP	24DEC96	30DEC96
..3315A01094*	0	0	0	S FF	0	ISSUE FS/PP PLAN FOR PUBLIC COMMENT		20JAN97
..3318A02100*	68	68	0	S SS	0	PUBLIC COMMENT PERIOD	31DEC96	3APR97
..3318A40025*	32	32	0	S SS	0	EPA NEPA COORDINATOR EIS REVIEW	21JAN97	5MAR97
..3318A40030*	32	32	0	S FS	0	PUBLIC COMMENT PERIOD	21JAN97	5MAR97
3318A40025	32	32	0		33	EPA NEPA COORDINATOR EIS REVIEW	21JAN97	5MAR97
..3318A40020*	15	15	0	P SS	0	ISSUE NOTICE TO PUBLIC	31DEC96	20JAN97
..3318A40100	21	21	0	S FS	0	EVAL & RESPOND TO PUBLIC COMMENTS	6MAR97	3APR97
3318A40030	32	32	0		33	PUBLIC COMMENT PERIOD	21JAN97	5MAR97
..3315A01094*	0	0	0	P FS	0	ISSUE FS/PP PLAN FOR PUBLIC COMMENT		20JAN97
..3315A41730	5	5	0	P FS	0	PRINT AND DIST FINAL FS/PP	24DEC96	30DEC96
..3317A42109	15	15	0	P FS	0	PUBLISH NOA	31DEC96	20JAN97
..3318A40020*	15	15	0	P FS	0	ISSUE NOTICE TO PUBLIC	31DEC96	20JAN97
..3318A40100*	21	21	0	S FS	0	EVAL & RESPOND TO PUBLIC COMMENTS	6MAR97	3APR97
3318A40100	21	21	0		33	EVAL & RESPOND TO PUBLIC COMMENTS	6MAR97	3APR97
..3318A02100*	68	68	0	P FF	0	PUBLIC COMMENT PERIOD	31DEC96	3APR97
..3318A40025	32	32	0	P FS	0	EPA NEPA COORDINATOR EIS REVIEW	21JAN97	5MAR97

ACTIVITY ID	ORIG DUR	REM DUR	%	CODE	ACTIVITY DESCRIPTION	LATE START	LATE FINISH
..3318A40030*	32	32	0	P FS 0	PUBLIC COMMENT PERIOD	21JAN97	5MAR97
..3319A50070*	0	0	0	S FS 0	INCORP RESPONSIVENESS SUMMARY		3APR97
..3319A50550	20	20	0	S SS 0	INCORP DOE/WMCO COMMENTS OU3 DRAFT ROD	7MAR97	3APR97
DRAFT ROD							
3319A50070	0	0	0	33	INCORP RESPONSIVENESS SUMMARY		3APR97
..3318A40100*	21	21	0	P FS 0	EVAL & RESPOND TO PUBLIC COMMENTS	6MAR97	3APR97
..3319A50550*	20	20	0	S FF 0	INCORP DOE/WMCO COMMENTS OU3 DRAFT ROD	7MAR97	3APR97
3319A50080	42	42	0	33	PREPARE DECISION SUMMARY	2DEC96	28JAN97
..3315A41501*	0	0	0	P FS 0	SUBMIT DRAFT TO DOE/WMCO	12APR96	
..3319A02100*	48	48	0	S SS 0	DRAFT ROD PREPARATION	2DEC96	5FEB97
..3319A50000*	276	276	0	S SS 0	RECORD OF DECISION	2DEC96	2MAY97
..3319A50100*	5	5	0	S FS 0	INTERNAL REVIEW	29JAN97	4FEB97
3319A50100	5	5	0	33	INTERNAL REVIEW	29JAN97	4FEB97
..3319A50080*	42	42	0	P FS 0	PREPARE DECISION SUMMARY	2DEC96	28JAN97
..3319A50501*	1	1	0	S FS 0	SUBMIT OU3 DRAFT ROD TO DOE	5FEB97	5FEB97
3319A50501	1	1	0	33	SUBMIT OU3 DRAFT ROD TO DOE	5FEB97	5FEB97
..3319A02100*	48	48	0	P FF 0	DRAFT ROD PREPARATION	2DEC96	5FEB97
..3319A50100*	5	5	0	P FS 0	INTERNAL REVIEW	29JAN97	4FEB97
..3319A01010*	0	0	0	S FS 0	DELIVER OU3 DRAFT ROD TO DOE	6FEB97	
..3319A02500*	229	229	0	S SS 0	DOE DRAFT ROD REVIEW/REVISE/APPROVE	5FEB97	2MAY97
..3319A50530*	21	21	0	S FS 0	DOE/WMCO REVIEW & COMMENT	6FEB97	6MAR97
3319A50530	21	21	0	33	DOE/WMCO REVIEW & COMMENT	6FEB97	6MAR97
..3319A01010*	0	0	0	P FS 0	DELIVER OU3 DRAFT ROD TO DOE	6FEB97	
..3319A50501*	1	1	0	P FS 0	SUBMIT OU3 DRAFT ROD TO DOE	5FEB97	5FEB97
..3319A50550	20	20	0	S FS 0	INCORP DOE/WMCO COMMENTS OU3 DRAFT ROD	7MAR97	3APR97
3319A50550	20	20	0	33	INCORP DOE/WMCO COMMENTS OU3 DRAFT ROD	7MAR97	3APR97
..3318A40100	21	21	0	P SS 0	EVAL & RESPOND TO PUBLIC COMMENTS	6MAR97	3APR97
..3319A50070*	0	0	0	P FF 0	INCORP RESPONSIVENESS SUMMARY		3APR97
..3319A50530	21	21	0	P FS 0	DOE/WMCO REVIEW & COMMENT	6FEB97	6MAR97
..3319A50592*	20	20	0	S FS 0	EM-1 REVIEW, REVISE & APPROVE	4APR97	1MAY97
3319A50592	20	20	0	33	EM-1 REVIEW, REVISE & APPROVE	4APR97	1MAY97
..3319A50550*	20	20	0	P FS 0	INCORP DOE/WMCO COMMENTS OU3 DRAFT ROD	7MAR97	3APR97
..3319A50600*	1	1	0	S FS 0	DOE SUBMIT OU3 EPA DRAFT ROD TO EPA	2MAY97	2MAY97
3319A50600	1	1	0	33	DOE SUBMIT OU3 EPA DRAFT ROD TO EPA	2MAY97	2MAY97
..3319A02500*	229	229	0	P FF 0	DOE DRAFT ROD REVIEW/REVISE/APPROVE	5FEB97	2MAY97
..3319A50000*	276	276	0	P FF 0	RECORD OF DECISION	2DEC96	2MAY97
..3319A50592*	20	20	0	P FS 0	EM-1 REVIEW, REVISE & APPROVE	4APR97	1MAY97

ACTIVITY ID	ORIG DUR	REM DUR	%	CODE	ACTIVITY DESCRIPTION	LATE START	LATE FINISH
..0617A30201*	120	120	0	S FS 0	PREPARE COMPREHENSIVE RI/FS/PP	5MAY97	17OCT97
..3319A01070*	0	0	0	S FS 0	DELIVER OU3 DRAFT ROD TO EPA		2MAY97*

Activity Description Library

RI/FS Activity Description Library

Sept.12, 1991

Activity Data:

Activity ID	3200A02100		
Activity Title	*SCOPING OF OPER. UNIT #3*		
Start	01-Jul-91A		
Finish	28-Aug-92		
Remaining Duration	275	Revision #	0
Total Float	15	Revision Date	12-Sep-91

Scope Description:

This is a hammock for OU3 scoping; the Operable Unit definition has been modified to include facilities; bulk contaminants; process inventory; sub-surface and above-ground tanks, utilities and equipment; and roads, railroads, and parking lots. This activity includes review of existing available data (including interviews of plant employees); an assessment of the current situation; development of potential Remedial Action Objectives, the OU3 Conceptual Model, and preliminary Remedial Action Alternatives; identification of preliminary ARARs; and RI/FS Work Plan revision. The Work Plan revision activity also includes revision of the RI/FS Sampling and Analysis Plan including preparation of field sampling plans and required revision of the QAPP, the Health and Safety Plan, and the FS Work Plan.

Assumptions:

OU3 definition is as defined and approved by EPA.

Resources are available for all identified activities.

All work plan revisions will be submitted at one time for a single review cycle.

All site data is readily available to support the assessment of the physical characterization of the site and development of the conceptual site model.

RI/FS Activity Description Library

Sept.12, 1991

Activity Data:

Activity ID	3203A02000		
Activity Title	*OPERABLE UNIT FIELD RELATED ACTIVITIES*		
Start			
Finish	02-Jul-92 05-Dec-94		
Remaining Duration	633	Revision #	0
Total Float	2	Revision Date	12-Sep-91

Scope Description:

This activity is the hammock for all OU3 field characterization activities. OU3 field activities include:

- Collection and delivery of field samples
- Laboratory analysis
- Data validation
- Database Entry

The OU3 field activities have been subdivided into the following 12 categories for the purpose of scheduling and characterization summaries:

- Administration Buildings
- Bulk Contaminants
- Warehouse/Storage Buildings
- Chemical Process Plants
- Metal Process Plants
- Support Facilities
- Ponds/Basins
- Above Surface and Equipment
- Subsurface Tanks/Utilities/Equipment
- Parking lots/railroads/roads
- Waste Processing Facilities
- Inventory Supply

Scope of Field Characterization Activity is based on:
- Historical Plant Operations
- Known Releases of Contaminants
- Field Personnel Experience
- Known Extent of Facility Contamination
- Existing OU3 RI Results
- Integration of RCRA/CERCLA Requirements
- Integration of Removal Action Implementation Data
- Use of (3) on-site Mobile Laboratories
- One 8 hour shift/day

Estimates of Required samples for each area are specified in the description of the appropriate activity.

Assumptions:

Four parallel sampling teams in the field.

000238

RI/FS Activity Description Library

Sept.12, 1991

Doubling shifts would result in no more than a 50% increase in sample activities completed.

There are insufficient field personnel available for increased number of shifts.

This field program represents a reasonable, realistic effort necessary to complete RI/FS for OU3. These estimates are based on pre-sampling and analysis plan development.

RI/FS Activity Description Library

Sept.12, 1991

Activity Data:

Activity ID	3205A02000		
Activity Title	*TREATABILITY STUDIES*		
Start	09-Mar-92		
Finish	14-Mar-95		
Remaining Duration	787	Revision #	0
Total Float	70	Revision Date	12-Sep-91

Scope Description:

This is a schedule hammock. Therefore, it consists of a series of individual activities: These activities include:

- Develop work plan
- Develop H & S plan
- Vendor procurement
- Sample collection and analysis
- Treatability testing
- Prepare treatability report
  - WMCO, DOE, and EPA reviews

Assumptions:

Contingent on the receipt of samples as scheduled
Timely approval of the work plans

000240

RI/FS Activity Description Library

2297

Sept.12, 1991

Activity Data:

Activity ID	3206A01590
Activity Title	*SUBMIT DRAFT RI REPORT TO EPA*
Start	
Finish	27-Sep-95

Remaining Duration		Revision #	0
Total Float	120	Revision Date	12-Sep-91

Scope Description:

Milestone

Assumptions:

Completion of DOE RI Review/Revise/Approve
Completion of validation of all data prior to EPA review
Data adequately characterizes material per EPA criteria
Major policy, strategy, philosophical, and technical issues are resolved prior to issuing draft to EPA and conveyed to EPA reviewers.

RI/FS Activity Description Library

Sept.12, 1991

Activity Data:

Activity ID	3206A02100		
Activity Title	*REMEDIAL INVESTIGATION REPORT*		
Start	28-Apr-93		
Finish	31-May-95		
Remaining Duration	546	Revision #	0
Total Float	0	Revision Date	12-Sep-91

Scope Description:

Hammock which addresses the preparation of the OU3 RI Report including the following:
- Administration Buildings
- Bulk contaminants
- Inventories
- Warehouse/storage areas
- Chemical process plants
- Metal process plants
- Support facilities
- Ponds, basins, etc.
- Subsurface tanks/equipment/utilities
- Above ground tanks/equipment/utilities
- Parking lots, railroads, roads
- Waste processing facilities

Duration 858 days. This primary document is estimated to be 5000+ pages; 1000 tables and figures, and 8 appendices.

Assumptions:

Individual activity durations and interrelationships affect hammock duration. Data provided from site characterization studies already completed by ASI/IT in addition to data collected from the additional sampling activity will be sufficient to completely characterize the facilities. Data validation is complete prior to report preparation - Baseline risk assessment is complete.

000242

RI/FS Activity Description Library

Sept.12, 1991

Activity Data:

Activity ID	3206A02500
Activity Title	*DOE OU 3 RI REVIEW/REVISE/APPROVE*
Start	01-Jun-95
Finish	27-Sep-95

Remaining Duration	85	Revision #	0
Total Float	120	Revision Date	12-Sep-91

Scope Description:

This is a schedule hammock. It consists of a series of individual activities. This subtask includes all activities associated with DOE and DOE contractor review comment resolution, revision, and EPA review draft approval of the OU3 RI report. Detail functions are provided on the individual activity sheets.

Assumptions:

- DOE headquarters review will require extended timeframe (approximately 30 calendar days) and will come after DOE-FSO review
- Comments do not require significant changes in technical content and format comments are received on time
- No excessive number of comments by different reviewers or different review organizations

RI/FS Activity Description Library

Sept.12, 1991

Activity Data:

Activity ID	3206A02600		
Activity Title	*EPA REVIEW/REVISE/APPROVE*		
Start	28-Sep-95		
Finish	23-Jan-96		
Remaining Duration	84	Revision #	0
Total Float	120	Revision Date	12-Sep-91

Scope Description:

This is a schedule hammock. It consists of a series of individual activities. This subtask includes all activities associated with U.S. and Ohio EPA review, comment resolution, report revision, and approval for the OU3 RI report. Detail functions are provided on the individual activity sheets.

Assumptions:

The EPA review/approval process will require at least two iterative reviews to obtain EPA approval of the document.

Comments do not require significant changes in technical content and format.

Comments received on time.

00024

RI/FS Activity Description Library

2297

Sept.12, 1991

Activity Data:

Activity ID	3206A02700		
Activity Title	*PRINT AND DISTRIBUTE FINAL RI REPORT*		
Start	24-Jan-96		
Finish	20-Feb-96		
Remaining Duration	20	Revision #	0
Total Float	120	Revision Date	12-Sep-91

Scope Description:

This is a schedule hammock. It consists of a series of individual activities. This subtask includes all activities associated with final assembly, printing, binding, and mailing/delivering the approved RI report. Detail functions are provided in the individual activity sheets.

Assumptions:

Availability of personnel and equipment for task completion will not be a constraint.

000245

RI/FS Activity Description Library

Sept.12, 1991

Activity Data:

Activity ID	3312A02100		
Activity Title	*INITIAL SCREENING OF ALTERNATIVES REPORT PREP.*		
Start	31-Aug-92		
Finish	10-May-93		
Remaining Duration	181	Revision #	0
Total Float	406	Revision Date	12-Sep-91

Scope Description:

Hammock which addresses the following major activities:

- Development of RAO's
- Development of Preliminary Remedial Action Alternatives
- Development of General Response Actions
- Identification of Technology Types
- Identification of Process Options & Screening of Technologies
- Evaluation of Process Options
- Development of Alternatives
- Development of Cost Estimates
- Initial Screening of Alternatives

This primary document is approximately 500 pages; including 30 tables/figures and appendices.

Assumptions:

Individual activity durations and interrelationships affect hammock duration. Preliminary scopings and issues resolution process complete.

000246

RI/FS Activity Description Library

2297

Sept.12, 1991

Activity Data:

Activity ID	3312A02500		
Activity Title	*DOE REVIEW/REVISE/APPROVE*		
Start	11-May-93		
Finish	03-Sep-93		
Remaining Duration	84	Revision #	0
Total Float	406	Revision Date	12-Sep-91

Scope Description:

Hammock for DOE-HQ, DOE-EM-1, DOE-FSO, and WMCO review and approval of ISA draft report.

Deliverables include:

- Draft ISA (Multiple revisions - 3)
- Response to review comments

Assumptions:

No major issues.

000247

RI/FS Activity Description Library

Sept.12, 1991

Activity Data:

Activity ID	3312A02600		
Activity Title	*EPA REVIEW/REVISE/APPROVE*		
Start	06-Sep-93		
Finish	30-Dec-93		
Remaining Duration	84	Revision #	0
Total Float	406	Revision Date	12-Sep-91

Scope Description:

Hammock for the entire review, revise, and approval process for ISA Report by USEPA. Deliverables include:

- Draft ISA
- Responsiveness Summary to USEPA comments
- Draft Final ISA
- Approved ISA

Assumptions:

No major comments received.

000298

RI/FS Activity Description Library

2297

Sept.12, 1991

Activity Data:

Activity ID	3312A02700		
Activity Title	*PRINT AND DISTRIBUTE FINAL REPORT*		
Start			
Finish	31-Dec-93 27-Jan-94		
Remaining Duration	20	Revision #	0
Total Float	525	Revision Date	12-Sep-91

Scope Description:

This activity is the hammock for printing and distributing the ISA report.

Assumptions:

000249

RI/FS Activity Description Library

Sept.12, 1991

Activity Data:

Activity ID	**3315A01010**		
Activity Title	***DELIVER FS/PP PLAN TO DOE***		
Start	**12-Apr-96**		
Finish			
Remaining Duration		Revision #	**0**
Total Float	**0**	Revision Date	**12-Sep-91**

Scope Description:

Milestone for delivery of FS/PP to DOE

Assumptions:

000250

RI/FS Activity Description Library

Sept.12, 1991

Activity Data:

Activity ID	3315A01050		
Activity Title	*DELIVER FS/PP PLAN TO EPA*		
Start			
Finish	06-Aug-96		
Remaining Duration		Revision #	0
Total Float	0	Revision Date	12-Sep-91

Scope Description:

Milestone for delivery of FS/PP to EPA

Assumptions:

000251

RI/FS Activity Description Library

Sept.12, 1991

Activity Data:

Activity ID	3315A01094		
Activity Title	*ISSUE FS/PP PLAN FOR PUBLIC COMMENT*		
Start			
Finish	20-Jan-97		
Remaining Duration		Revision #	0
Total Float	0	Revision Date	12-Sep-91

Scope Description:

Milestone for issue of FS/PP for public comment.

Assumptions:

000254

RI/FS Activity Description Library

Sept.12, 1991 2297

Activity Data:

Activity ID	3315A02100		
Activity Title	*FEASIBILITY STUDY/PROP. PLN REPORT*		
Start			
Finish	25-May-95 11-Apr-96		
Remaining Duration	231	Revision #	0
Total Float	0	Revision Date	12-Sep-91

Scope Description:

This activity is a schedule hammock. A schedule hammock includes a series of individual activities neccessary to prepare the detailed analysis of alternatives, the feasibiity report, and the proposed plan. This activity will begin by revising the present alternative conceptual designs to incorporate the additional information obtained from the treatabliity studies and sampling activities conducted on Operable Unit 3. This activity will end by incorporating internal review comments into the draft feasibility study (which includes the revised detail analysis of alternatives) and the Proposed Plan.

Assumptions:

- US EPA accepts the final ISA and no changes are made to the alternative structure
- Treatability studies and ARARs determination is complete before initiation of Detailed Analysis of Alternatives

000253

RI/FS Activity Description Library

Sept.12, 1991

Activity Data:

Activity ID	3315A02500		
Activity Title	*DOE FS/PP REVIEW/REVISE/APPROVE*		
Start			
Finish	12-Apr-96 06-Aug-96		
Remaining Duration	83	Revision #	0
Total Float	0	Revision Date	12-Sep-91

Scope Description:

This is a hammock activity. A schedule hamock includes a series of individual activities related to a specific work scope. This hammock includes all activities neccessary for DOE to review, comment, and allow for comment incorporations on the detailed analysis of alternatives, the feasibility study and the proposed plan through three review cycles (FMPC, HQ, and EM-1). This activity will end by completing the comment responses to EM-1 review.

Assumptions:

Comments do not significantly alter technical direction of the project and no new alternatives are identified for inclusion into the FS.
Comments recieved in a timely manner and have been screened and organized by an integrating contractor prior to submittal to ASI/IT.
Comments do not exceed 100 in number.
Review follows standard primary document review cycle.

000254

RI/FS Activity Description Library

2297

Sept.12, 1991

Activity Data:

Activity ID	3315A02600		
Activity Title	*EPA FS/PP REVIEW/REVISE/APPROVE*		
Start	07-Aug-96		
Finish	02-Dec-96		
Remaining Duration	84	Revision #	0
Total Float	0	Revision Date	12-Sep-91

Scope Description:

This activity is a schedule hammock. A schedule hammock includes a series of individual activities related to a specific work scope. This hammock includes all activities necessary for EPA to review, comment and allow for comment incorporations on the detailed analysis of alternatives and the FS report, and the proposed plan through two review cycles. This activity will begin by submitting an initial draft of the DAA/FS/PP to EPA for review. This activity will end with EPA review and approval of the DAA/FS/PP.

Assumptions:

Comments do not significantly alter technical direction of the project and no alternatives are identified for inclusion into the FS.
Comments recieved in a timely manner and have been screened and organized by the integration contractor prior to submittal to ASI/IT.
Comments do not exceed 100 in number.
Review follows standard primary document review cycle.

000255

RI/FS Activity Description Library

Sept.12, 1991

Activity Data:

Activity ID	3315A02700		
Activity Title	*PRINT AND DISTRIBUTE FINAL FS/PP REPORT*		
Start	03-Dec-96		
Finish	30-Dec-96		
Remaining Duration	20	Revision #	0
Total Float	0	Revision Date	12-Sep-91

Scope Description:

This activity is a schedule hammock. A schedule hammock includes a series of individual activities related to specific work scope. This hammock includes all activites neccessary to publish the final feasibility study (which includes the revised detailed analysis, feasibility study and proposed plan into the final feasibility study and proposed plan). This activity will end with the printing and distributing of the final feasibilty study and proposed plan.

Assumptions:

Comments do not significantly alter technical direction of the project and no alternatives are identified for inclusion into the FS.
Comments recieved in a timely manner and have been screened and organized by the integrating contractor prior to submittal to ASI/IT.
Comments do not exceed 100 in number.
Review follows standard primary document review cycle.

000256

RI/FS Activity Description Library

Sept.12, 1991 2297

Activity Data:

Activity ID	3318A02100		
Activity Title	*PUBLIC COMMENT PERIOD*		
Start	31-Dec-96		
Finish	03-Apr-97		
Remaining Duration	68	Revision #	0
Total Float	0	Revision Date	12-Sep-91

Scope Description:

This activity is a schedule hammock. A schedule hammock includes a series of individual activities to a specific work scope. Activities under this hammock provide an opportunity through public comment and a public meeting for the public to comment on the Proposed Plan. Upon receipt of public comments, a responsiveness summary will be prepared that discusses significant comments, criticisms, and new relevant information submitted during the public comment period.

Assumptions:

- Public comment period is 30 calendar days
- Public meeting is held near the Fernald Site
- DAA/FS/PP Report was approved by EPA

000257

RI/FS Activity Description Library

Sept.12, 1991

Activity Data:

Activity ID	3319A01010
Activity Title	*DELIVER OU3 DRAFT ROD TO DOE*
Start	
Finish	19-Jun-96

Remaining Duration		Revision #	0
Total Float	166	Revision Date	12-Sep-91

Scope Description:

This milestone consists of delivering the Draft ROD to DOE and the integrating contractor for review and comment.

Assumptions:

000258

RI/FS Activity Description Library

2297

Sept.12, 1991

Activity Data:

Activity ID	3319A01070
Activity Title	*DELIVER OU3 DRAFT ROD TO EPA*
Start	
Finish	02-May-97

Remaining Duration		Revision #	0
Total Float	0	Revision Date	12-Sep-91

Scope Description:

This milestone consists of delivering the Draft ROD to USEPA and OEPA.

Assumptions:

000259

RI/FS Activity Description Library

Sept.12, 1991

Activity Data:

Activity ID	3319A02100		
Activity Title	*DRAFT ROD PREPARATION*		
Start	12-Apr-96		
Finish	18-Jun-96		
Remaining Duration	48	Revision #	0
Total Float	166	Revision Date	12-Sep-91

Scope Description:

This is a schedule hammock. A schedule hammock includes a series of individual activities related to a specific workscope. For this task, these activities include preparation of a draft ROD for DOE reiew/approval/submittal to U.S. EPA.

These contain:
Declaration Statement containing description of selected remedy and EPA signature and state concurrence
Decision Summary providing an overview of the site-specific factors and analysis supporting the selection of alternatives.
Responsiveness summary

Assumptions:

No pre-ROD significant changes.
No post-ROD significant changes
Follows standard primary document review cycle.
Comments do not significantly alter technical direction of project.

000260

RI/FS Activity Description Library

2297

Sept.12, 1991

Activity Data:

Activity ID	3319A02500
Activity Title	*DOE DRAFT ROD REVIEW/REVISE/APPROVE*
Start	18-Jun-96
Finish	02-May-97

Remaining Duration	229	Revision #	0
Total Float	166	Revision Date	12-Sep-91

Scope Description:

This is a schedule hammock. A schedule hammock includes a series of individual activities related to a specific workscope. For this task, these activities include:

- DOE review draft ROD
- Draft ROD revised to incorporate DOE comments through three review cycles and preparation associated comment response documents.

Assumptions:

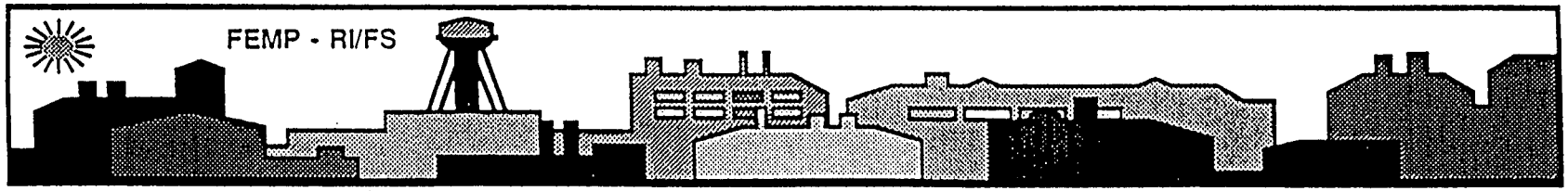
Follows standard primary document review cycle.
Comments do not significantly alter technical direction of project.
Comments are received in a timely manner and have been screened by the Integrating Contractor prior to submittal.

000261

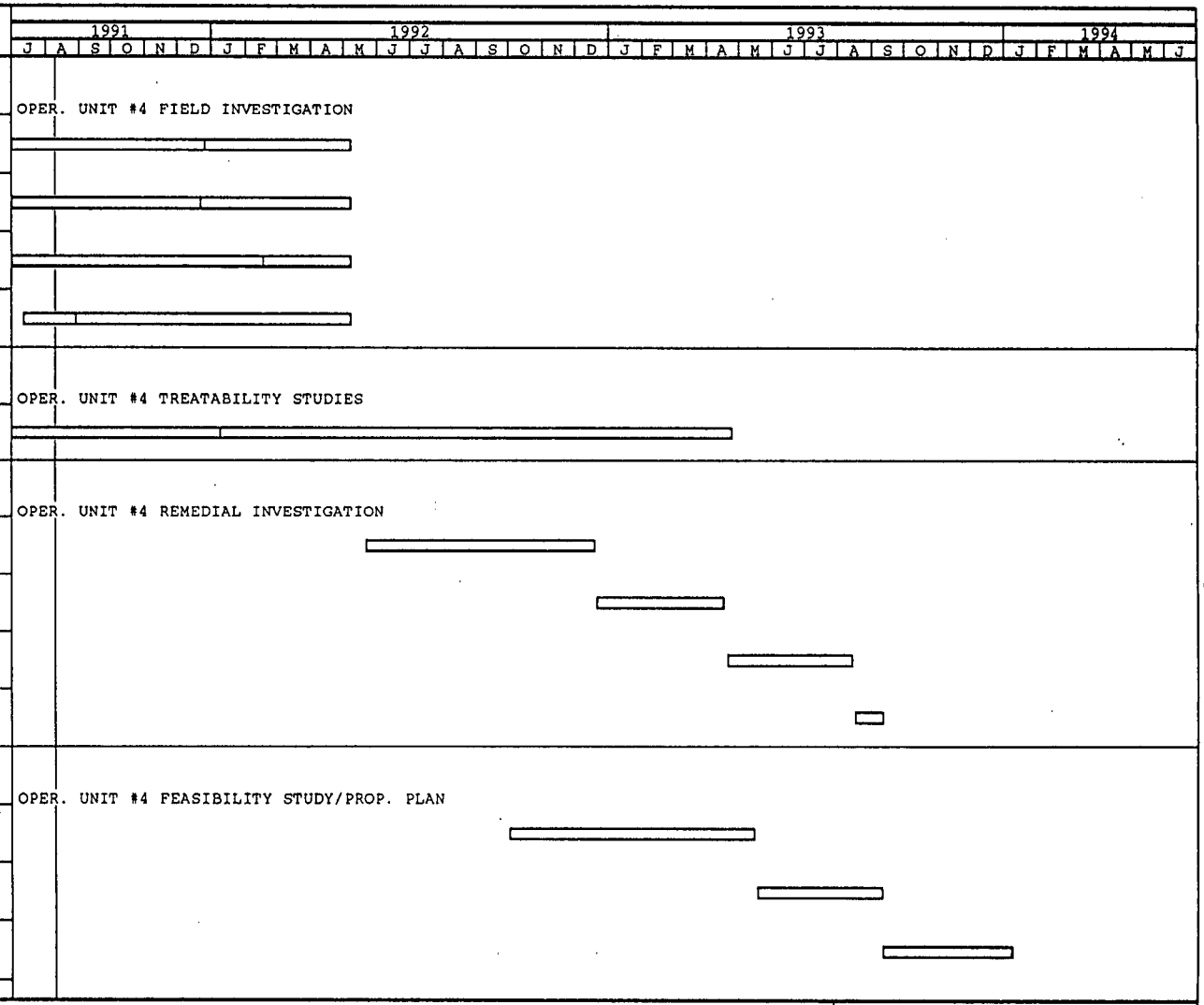
Operable Unit 4

Silos 1, 2, 3, and 4, berms, decant tank systems, and associated soil identified in the RI/FS Work Plan Addendum

Schedules



	OPER. UNIT #4 FIELD INVESTIGATION
OPERABLE UNIT RELATED FIELD ACTIVITIES 4203A02000 OD 260 AS 15JAN91 LF 7MAY92	
OU4 FIELD ACTIVITY - SLANT BORINGS 4203A02019 OD 252 AS 25JAN91 LF 7MAY92	
OU4 FIELD WORK - VERTICAL BORINGS 4203A02020 OD 201 AS 15JAN91 LF 7MAY92	
OU4 FIELD WORK - CONTENT SAMPLING 4203A02021 OD 130 AS 12JUL91 LF 7MAY92	
	OPER. UNIT #4 TREATABILITY STUDIES
TREATABILITY STUDIES 4205A02000 OD 504 AS 18JAN91 LF 23APR93	
	OPER. UNIT #4 REMEDIAL INVESTIGATION
REMEDIAL INVESTIGATION REPORT PREPARATION 4206A02100 OD 183 LS 22MAY92 LF 18DEC92	
DOE RI REVIEW/REVISE/APPROVE 4206A02500 OD 85 LS 21DEC92 LF 16APR93	
EPA RI REVIEW & APPROVE 4206A02600 OD 84 LS 20APR93 LF 13AUG93	
PRINT AND DISTRIBUTE FINAL RI REPORT 4206A02700 OD 20 LS 16AUG93 LF 10SEP93	
	OPER. UNIT #4 FEASIBILITY STUDY/PROP. PLAN
FEASIBILITY STUDY/PROP. PLN. REPORT PREPARATION 4315A02100 OD 238 LS 2OCT92 LF 14MAY93	
DOE FS/PP REVIEW/REVISE/APPROVE 4315A02500 OD 84 LS 17MAY93 LF 9SEP93	
EPA FS/PP REVIEW/REVISE/APPROVE 4315A02600 OD 86 LS 10SEP93 LF 7JAN94	



Activity Bar/Late Dates
Critical Activity
Progress Bar

Primavera Systems, Inc. 1984-1991

RI/FS PROJECT SCHEDULES
FERNALD ENVIRONMENTAL MGMT. PROJECT
OPERABLE UNIT 4 BAR CHART LEVEL III

Project Start : 31OCT90
Project Finish: 4MAY01

Sheet 1 of 2

Data Date: 10AUG91
Plot Date: 13SEP91

Prepared by ASI/IT Corp.

Date	Revision	Checked	Approved

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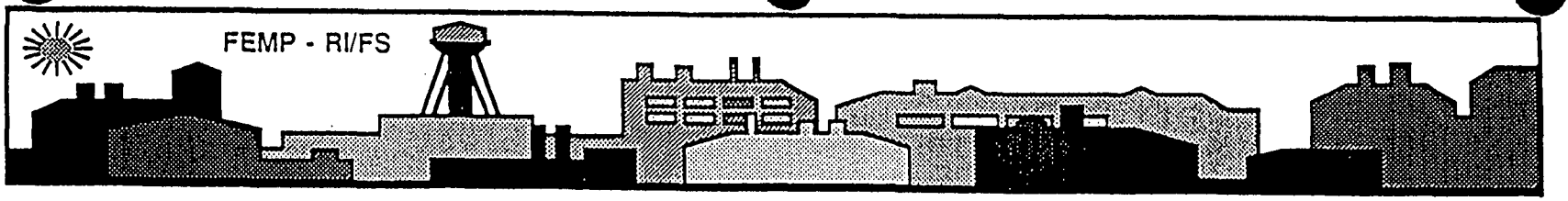


PRINT AND DISTRIBUTE FINAL FS/PP REPORT 4315A02700 OD 20 LS 10JAN94 LF 4FEB94	OPER. UNIT #4 FEASIBILITY STUDY/PROP. PLAN
PUBLIC COMMENT 4318A02100 OD 68 LS 7FEB94 LF 11MAY94	OPER. UNIT #4 PUBLIC COMMENT PERIOD
DELIVER OU4 DRAFT ROD TO EPA 4319A01070 OD 0 LF 10JUN94	OPER. UNIT #4 DRAFT ROD
DRAFT ROD PREPARATION 4319A02100 OD 48 LS 6JAN94 LF 14MAR94	
DOE DRAFT ROD REVIEW/REVISE/APPROVE 4319A02500 OD 232 LS 14MAR94 LF 10JUN94	

1991: J A S O N D
1992: J F M A M J J A S O N D
1993: J F M A M J J A S O N D
1994: J F M A M J

Activity Bar/Late Dates
Critical Activity
Progress Bar

Primavera Systems, Inc. 1984-1991

RI/FS PROJECT SCHEDULES
FERNALD ENVIRONMENTAL MGMT. PROJECT
OPERABLE UNIT 4 BAR CHART LEVEL III

Project Start : 31OCT90
Project Finish: 4MAY01

Sheet 2 of 2

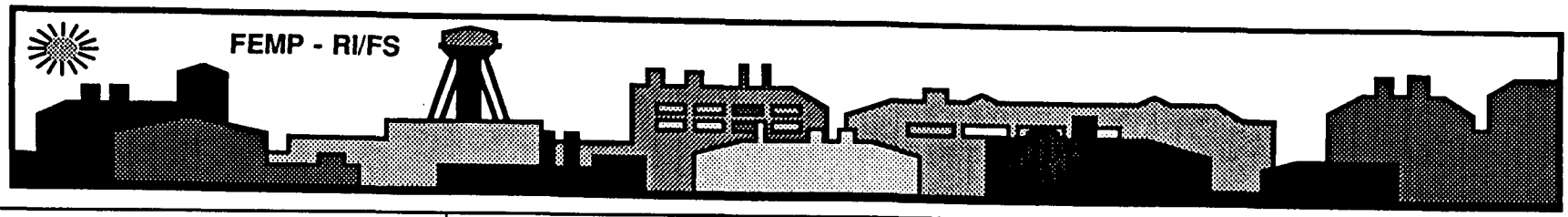
Data Date: 10AUG91
Plot Date: 13SEP91

Prepared by ASI/IT Corp.

Date	Revision	Checked	Approved

000265

2297



AUTHORIZATION TO PROCEED 4203A19001 OD 20 AS 25JAN91 AF 17APR91	OPER. UNIT #4 FIELD INVESTIGATION
PREPARE FINAL H&S PLAN 4203A19214 OD 10 AS 31JAN91 AF 6MAR91	
DOE/WMCO APPROVAL H&S WORK PLAN 4203A19215 OD 0 AF 14MAR91	
PENETRATION PERMIT (OU4 SLNT BOR) 4203A19220 OD 1 AS 28FEB91 AF 28FEB91	
ERA PERMIT APPROVAL (SLANT BORINGS) 4203A19222 OD 4 AS 24APR91 AF 30APR91	
RADIATION WORK PERMIT (SLANT BORINGS) 4203A19224 OD 1 AS 21APR91 AF 22APR91	
OU4 SAMPLING SPECIFIC TRAINING 4203A19540 OD 10 AS 28FEB91 AF 20APR91	
MOBILIZATION 4203A19542 OD 10 AS 14MAR91 AF 24APR91	
SLANT BORINGS (OU4 SAMPLING) 4203A19544 OD 97 AS 5APR91 LF 4SEP91	
SHIPPING/ARCHIVING 4203A19546 OD 2 LS 7SEP91 LF 8SEP91	
FIELD DATA VALIDATION 4203A19547 OD 2 LS 22APR92 LF 23APR92	
DEMOBILIZATION 4203A19548 OD 5 LS 5SEP91 LF 9SEP91	
FIELD DATA ENTRY 4203A19549 OD 5 LS 24APR92 LF 30APR92	
LAB ANALYSIS - SLANT BORINGS 4203A19992 OD 80 LS 9SEP91 LF 27DEC91	
LAB ANALYSIS - GROUNDWATER 4203A19993 OD 80 LS 9SEP91 LF 27DEC91	

1991: A S O N D — 1992: J F M A M J J A S O N D — 1993: J F M A M J J A S O N D — 1994: J F M A M J

Activity Bar/Late Dates
Critical Activity
Progress Bar

Primavera Systems, Inc. 1984-1991

Project Start : 31OCT90
Project Finish: 4MAY01

RI/FS PROJECT SCHEDULES
FERNALD ENVIRONMENTAL MGMT. PROJECT
OPERABLE UNIT 4 BAR CHART LEVEL IV

Sheet 1 of 13

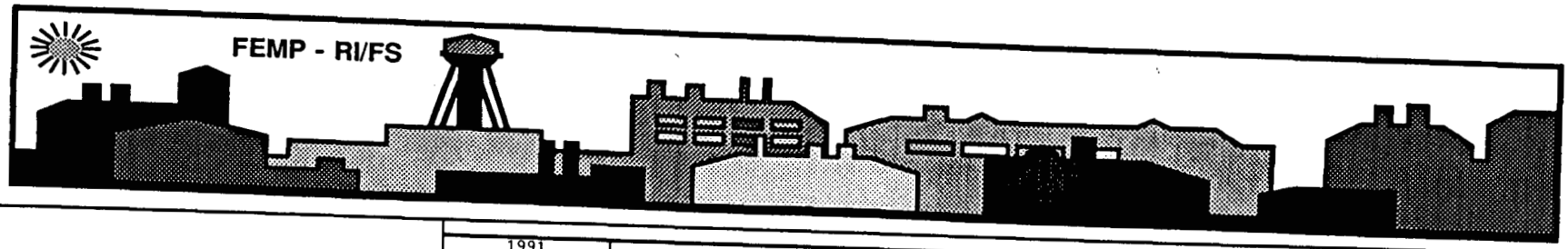
Data Date: 10AUG91
Plot Date: 12SEP91

Prepared by ASI/IT Corp.

Date	Revision	Checked	Approved

000266

22292



RECV LAB REPORT - SOIL 4203A19995 OD 1 LS 23APR92 LF 23APR92	OPER. UNIT #4 FIELD INVESTIGATION
RECV LAB REPORT - GROUNDWATER 4203A19997 OD 1 LS 23APR92 LF 23APR92	
VALIDATE LABORATORY REPORT 4203A19998 OD 5 LS 24APR92 LF 30APR92	
DATA BASE ENTRY 4203A19999 OD 5 LS 1MAY92 LF 7MAY92	
AUTHORIZATION TO PROCEED 4203A20001 OD 20 AS 15JAN91 AF 16APR91	
EPA REVIEW OF WORK PLAN 4203A20116 OD 21 AS 15JAN91 AF 24JAN91	
PREPARE FINAL WORK PLAN 4203A20117 OD 5 AS 13MAR91 AF 17APR91	
EPA APPROVAL OU4 VERT BORINGS WORK PLAN 4203A20118 OD 1 AS 18APR91 AF 18APR91	
PREPARE FINAL H&S PLAN 4203A20214 OD 10 AS 28FEB91 AF 8MAR91	
DOE/WMCO APPROVAL H&S PLAN 4203A20215 OD 1 AS 18APR91 AF 18APR91	
PENETRATION PERMIT (OU4 VERT BOR) 4203A20330 OD 1 AS 19APR91 AF 19APR91	
ERA PERMIT APPROVAL OU4 VERT BOR 4203A20332 OD 5 AS 22APR91 AF 25APR91	
RADIATION WORK PERMIT (OU4 VERT BOR) 4203A20338 OD 1 AS 22APR91 AF 22APR91	
OU4 VERT BOR SPECIFIC TRAINING 4203A20540 OD 4 AS 18APR91 AF 21APR91	
MOBILIZATION/PROCUREMENT 4203A20542 OD 25 AS 24JAN91 AF 25MAY91	

1991: A S O N D — 1992: J F M A M J J A S O N D — 1993: J F M A M J J A S O N D — 1994: J F M A M J

Activity Bar/Late Dates
Critical Activity
Progress Bar

Primavera Systems, Inc. 1984-1991

Project Start : 31OCT90
Project Finish: 4MAY01

RI/FS PROJECT SCHEDULES
FERNALD ENVIRONMENTAL MGMT. PROJECT
OPERABLE UNIT 4 BAR CHART LEVEL IV

Sheet 2 of 13

Data Date: 10AUG91
Plot Date: 12SEP91

Prepared by ASI/IT Corp.

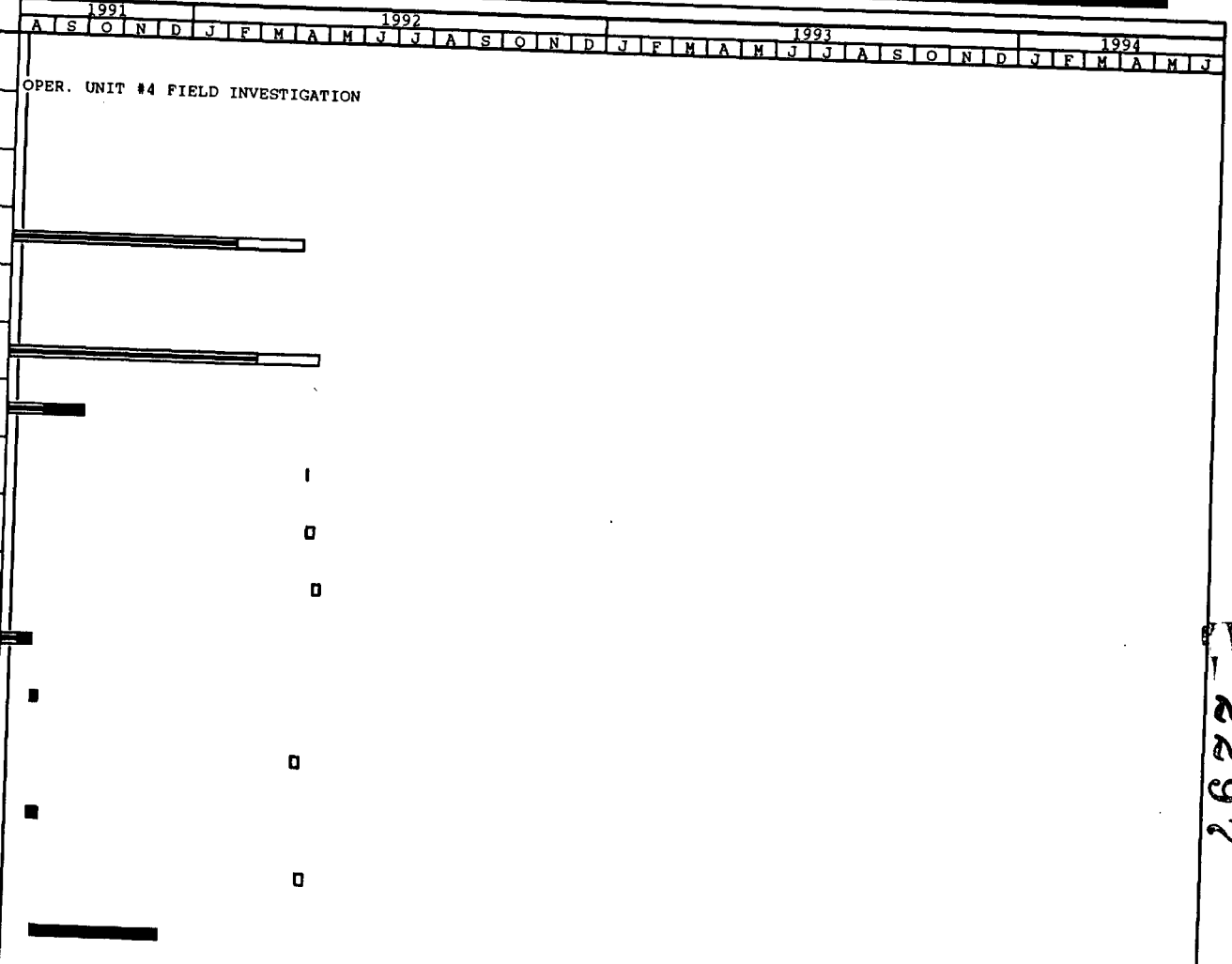
Date	Revision	Checked	Approved

000267

F 2297

FEMP - RI/FS

4 VERTICAL BORINGS (OU4 VERT BOR) 4203A20544 OD 26 AS 30APR91 AF 17JUN91	OPER. UNIT #4 FIELD INVESTIGATION
SHIPPING/ARCHIVING 4203A20546 OD 2 AS 14MAY91 AF 17JUN91	
FIELD DATA VALIDATION 4203A20547 OD 10 AS 21MAY91 LF 14APR92	
DEMOBILIZATION 4203A20548 OD 5 AS 17JUN91 AF 21JUN91	
FIELD DATA ENTRY 4203A20549 OD 10 AS 4JUN91 LF 30APR92	
LAB ANALYSIS - VERT BORINGS 4203A20992 OD 80 AS 18JUN91 LF 7OCT91	
RECV LAB REPORT - VERT BORINGS 4203A20995 OD 1 LS 23APR92 LF 23APR92	
VALIDATE LABORATORY REPORT 4203A20998 OD 5 LS 24APR92 LF 30APR92	
DATA BASE ENTRY 4203A20999 OD 5 LS 1MAY92 LF 7MAY92	
K-65 CONTENT SAMPLING OU4 4203A21544 OD 30 AS 12JUL91 LF 28AUG91	
SHIPPING/ARCHIVING 4203A21546 OD 2 LS 29AUG91 LF 4SEP91	
FIELD DATA VALIDATION 4203A21547 OD 5 LS 17APR92 LF 23APR92	
DEMOBILIZATION 4203A21548 OD 5 LS 29AUG91 LF 7SEP91	
FIELD DATA ENTRY 4203A21549 OD 5 LS 24APR92 LF 30APR92	
LAB ANALYSIS - SILO CONTENTS 4203A21992 OD 80 LS 5SEP91 LF 25DEC91	



Activity Bar/Late Dates
Critical Activity
Progress Bar

Primavera Systems, Inc. 1984-1991

RI/FS PROJECT SCHEDULES
FERNALD ENVIRONMENTAL MGMT. PROJECT
OPERABLE UNIT 4 BAR CHART LEVEL IV

Sheet 3 of 13

Project Start : 31OCT90
Project Finish: 4MAY01

Data Date: 10AUG91
Plot Date: 12SEP91

Prepared by ABI/IT Corp.

Date	Revision	Checked	Approved

000288

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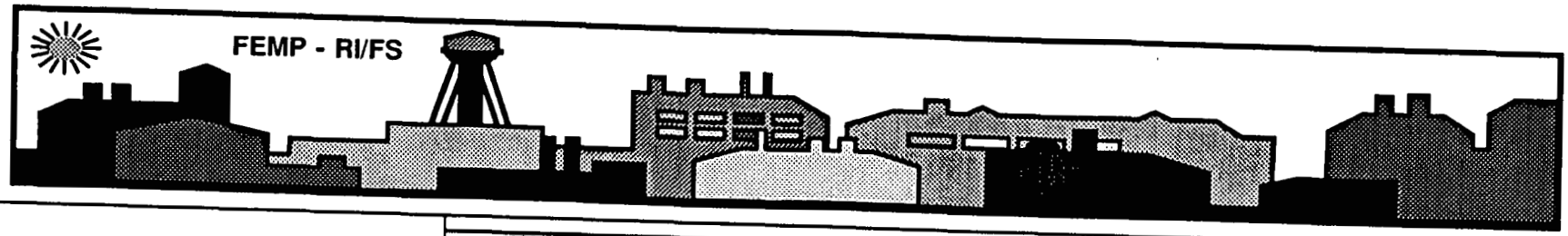

1991 A S O N D | 1992 J F M A M J J A S O N D | 1993 J F M A M J J A S O N D | 1994 J F M A M J

OPER. UNIT #4 FIELD INVESTIGATION

RECV LAB REPORT - SILO CONTENTS
4203A21995 OD 1
LS 23APR92 LF 23APR92

VALIDATE LABORATORY REPORT
4203A21998 OD 5
LS 24APR92 LF 30APR92

DATA BASE ENTRY
4203A21999 OD 5
LS 1MAY92 LF 7MAY92

RTS OPERATIONAL START-UP
4203W03542 OD 18
AS 17JUN91 AF 11JUL91

OPER. UNIT #4 BASELINE RISK ASSESSM.

PERFORM OU4 FATE & TRAN CALCS
4204A81050 OD 30
LS 20AUG92 LF 30SEP92

EVALUATE DATA FOR OU4 RISK ASSMT
4204A81100 OD 21
LS 6AUG92 LF 3SEP92

DETER. CHEMICALS OF CONCERN
4204A81120 OD 10
LS 17SEP92 LF 30SEP92

EVAL. EXP./RISK/TOXICITY
4204A81130 OD 20
LS 1OCT92 LF 28OCT92

PREPARE OU4 RISK ASSMT CHAPTER/APP
4204A81140 OD 20
LS 29OCT92 LF 25NOV92

INTERNAL REVIEW OF RA CHAPTER/APP
4204A81150 OD 7
LS 26NOV92 LF 4DEC92

OPER. UNIT #4 TREATABILITY STUDIES

PREPARE TS WORK PLAN
4205A31105 OD 37
AS 18JAN91 AF 11MAR91

INTERNAL REVIEW OF WORK PLAN
4205A31110 OD 5
AS 12MAR91 AF 19APR91

SUBMIT TS WORK PLAN TO DOE
4205A31120 OD 1
AS 22APR91 AF 22APR91

Activity Bar/Late Dates
Critical Activity
Progress Bar

Primavera Systems, Inc. 1984-1991

RI/FS PROJECT SCHEDULES
FERNALD ENVIRONMENTAL MGMT. PROJECT
OPERABLE UNIT 4 BAR CHART LEVEL IV

Project Start : 31OCT90
Project Finish: 4MAY01

Sheet 4 of 13

Data Date: 10AUG91
Plot Date: 12SEP91

Prepared by ASI/IT Corp.

Date	Revision	Checked	Approved

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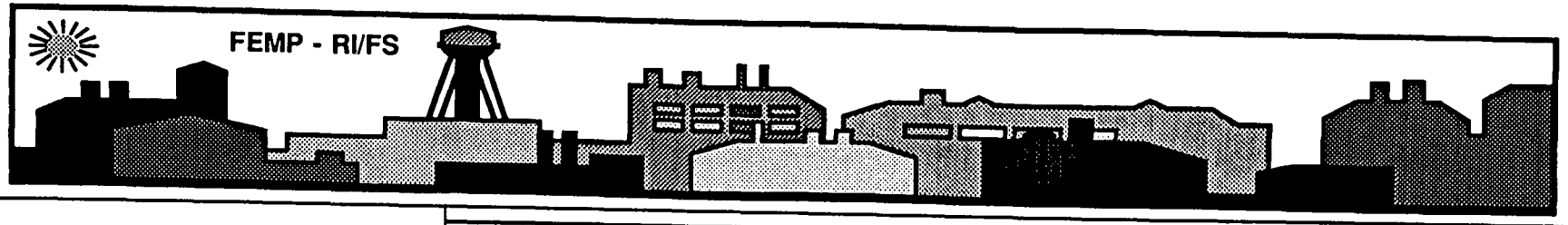
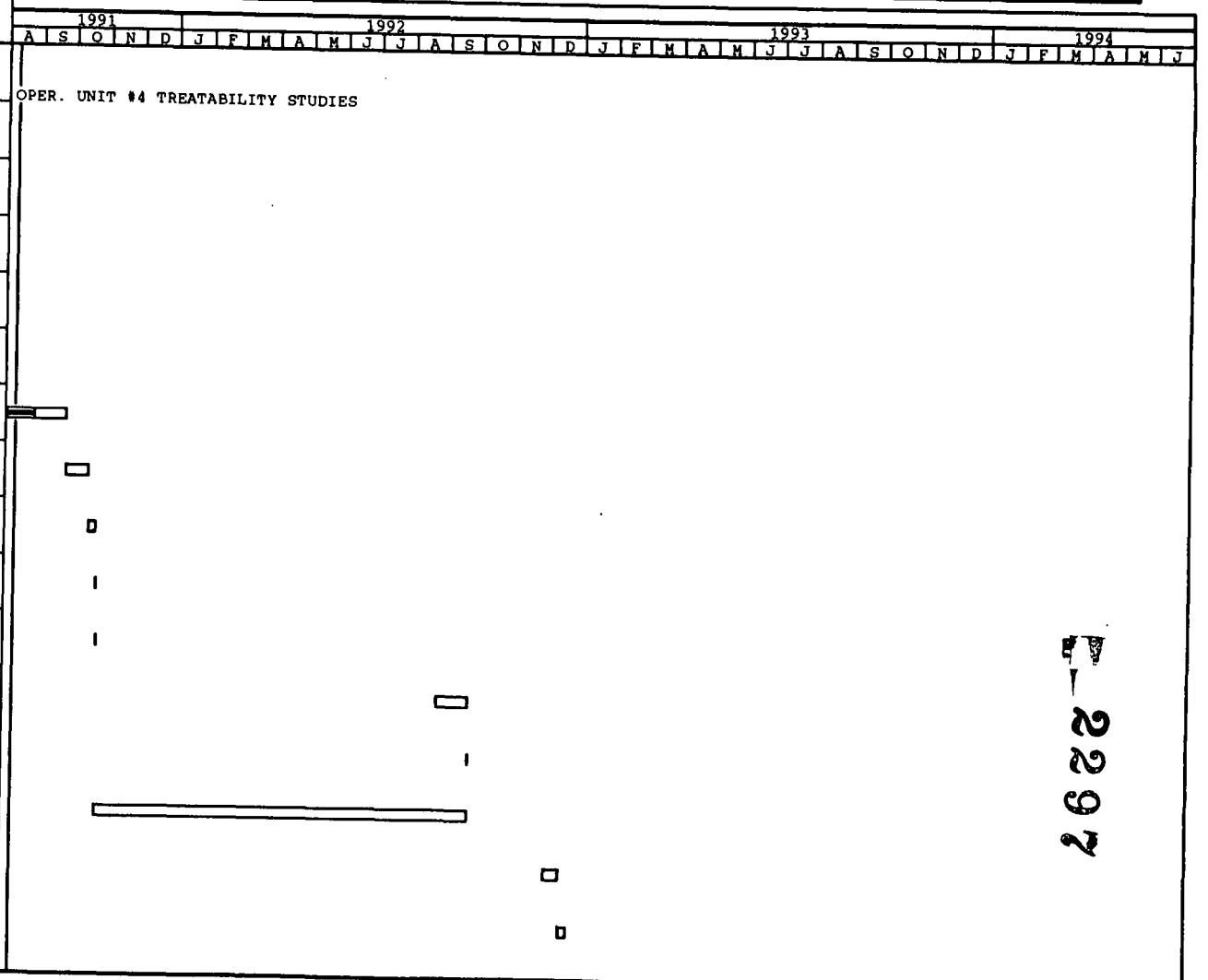


DOE REVIEW OF TS WORK PLAN 4205A31125 OD 21 AS 23APR91 AF 24JUN91	
INCORPORATE DOE COMMENTS 4205A31130 OD 15 AS 25JUN91 AF 17JUL91	
INTERNAL REVIEW OF REVISED TS WORK PLAN 4205A31135 OD 5 AS 18JUL91 AF 24JUL91	
RE-SUBMIT TS WORK PLAN TO DOE 4205A31140 OD 1 AS 25JUL91 AF 25JUL91	
SUBMIT TS WORK PLAN TO EPA 4205A31160 OD 1 AS 26JUL91 AF 26JUL91	
EPA REVIEW OF TS WORK PLAN 4205A31170 OD 21 AS 29JUL91 LF 24SEP91	
INCORPORATE EPA COMMENTS 4205A31180 OD 15 LS 25SEP91 LF 15OCT91	
INTERNAL REVIEW OF FINAL TS WORK PLAN 4205A31185 OD 5 LS 16OCT91 LF 22OCT91	
RE-SUBMIT TS WORK PLAN TO DOE 4205A31187 OD 1 LS 23OCT91 LF 23OCT91	
RE-SUBMIT WORK PLAN TO EPA 4205A31190 OD 1 LS 24OCT91 LF 24OCT91	
EPA REVIEW & APPROVAL 4205A31194 OD 21 LS 26AUG92 LF 23SEP92	
EPA FINAL APPROVAL OF TS WORK PLAN 4205A31199 OD 1 LS 24SEP92 LF 24SEP92	
STABILIZATION/EXTRACTION TESTING 4205A31210 OD 240 LS 25OCT91 LF 24SEP92	
COMPILE TEST RESULTS FROM TS 4205A31220 OD 10 LS 4DEC92 LF 17DEC92	
PREPARE TS REPORT 4205A31230 OD 5 LS 18DEC92 LF 24DEC92	



Activity Bar/Late Dates
Critical Activity
Progress Bar

Primavera Systems, Inc. 1984-1991

RI/FS PROJECT SCHEDULES
FERNALD ENVIRONMENTAL MGMT. PROJECT
OPERABLE UNIT 4 BAR CHART LEVEL IV

Project Start : 31OCT90
Project Finish: 4MAY01

Sheet 5 of 13

Data Date: 10AUG91
Plot Date: 12SEP91

Prepared by ASI/IT Corp.

Date	Revision	Checked	Approved

00020

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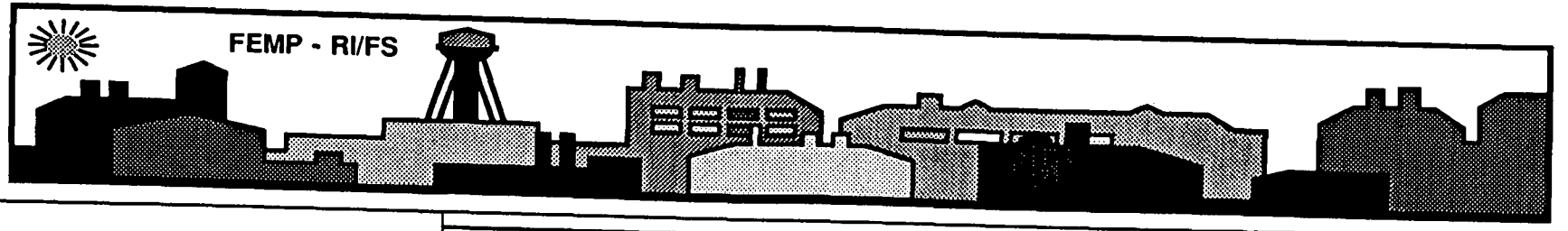
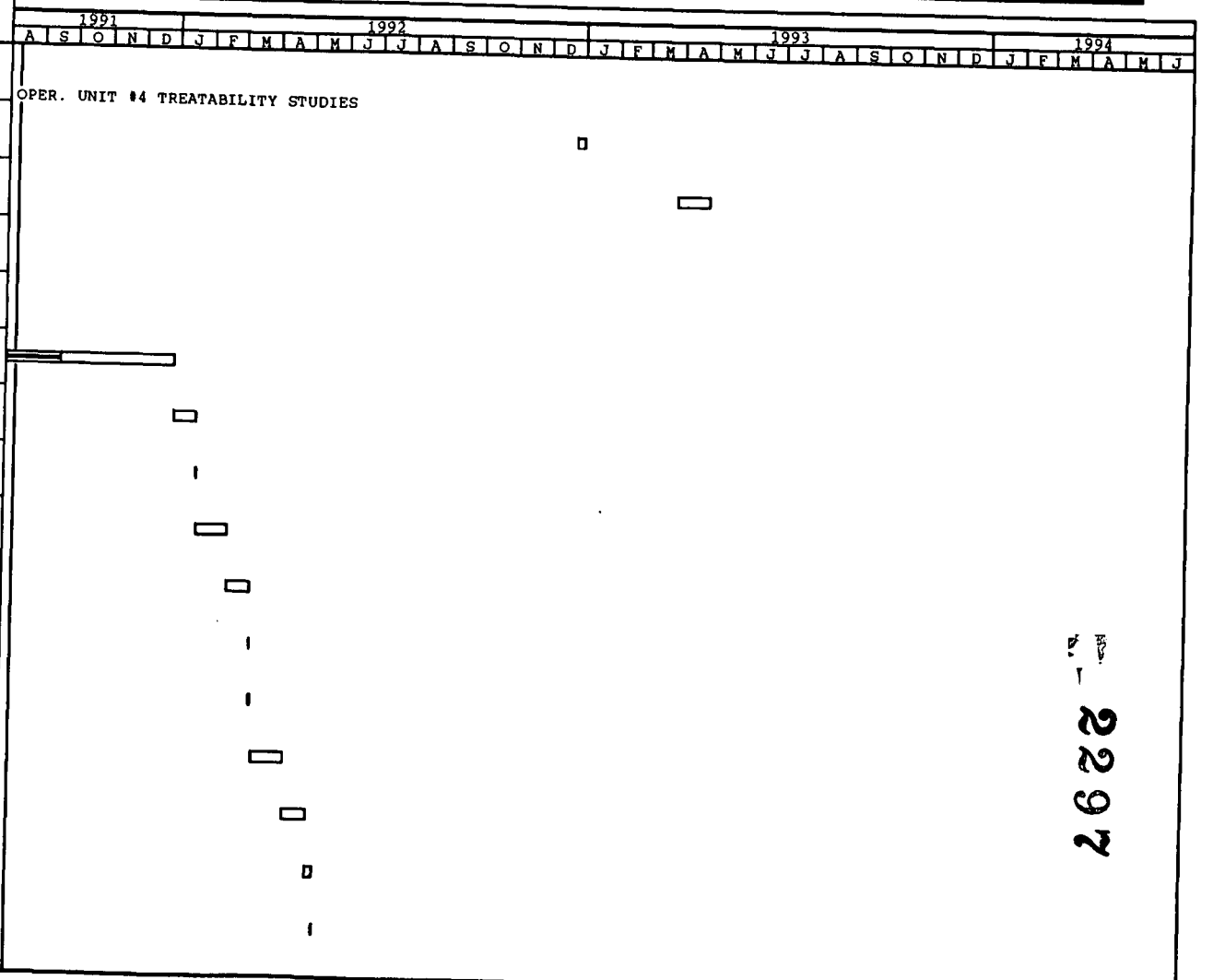


INTERNAL REVIEW OF TS REPORT 4205A31240 OD 5 LS 25DEC92 LF 31DEC92		
DOE REVIEW OF TREAT. STUDIES 4205A31250 OD 21 LS 26MAR93 LF 23APR93		
PREPARE TS WORK PLAN - VIT 4205W31305 OD 32 AS 17JUN91 AF 30JUL91		
SUBMIT TS WORK PLAN TO WMCO - VIT 4205W31320 OD 1 AS 31JUL91 AF 31JUL91		
WMCO REVIEW OF TS WORK PLAN - VIT 4205W31325 OD 21 AS 1AUG91 LF 30DEC91		
INCORPORATE WMCO COMMENTS - VIT 4205W31330 OD 15 LS 31DEC91 LF 20JAN92		
SUBMIT REV TS WORK PLAN TO DOE/WMCO/ASI - VIT 4205W31340 OD 1 LS 21JAN92 LF 21JAN92		
DOE/WMCO/ASI REVIEW OF REVISED WORK PLAN - VIT 4205W31345 OD 21 LS 22JAN92 LF 19FEB92		
INCORPORATE COMMENTS TO REVISED WP - VIT 4205W31350 OD 15 LS 20FEB92 LF 11MAR92		
SUBMIT REVISED TS WORK PLAN TO DOE/WMCO - VIT 4205W31355 OD 1 LS 12MAR92 LF 12MAR92		
SUBMIT TS WORK PLAN TO EPA - VIT 4205W31360 OD 1 LS 13MAR92 LF 13MAR92		
EPA REVIEW OF TS WORK PLAN - VIT 4205W31370 OD 21 LS 16MAR92 LF 13APR92		
INCORPORATE EPA COMMENTS - VIT 4205W31380 OD 15 LS 14APR92 LF 4MAY92		
DOE/WMCO REVIEW OF FINAL TS WORK PLAN - VIT 4205W31385 OD 5 LS 5MAY92 LF 11MAY92		
SUBMIT FINAL WORK PLAN TO EPA - VIT 4205W31390 OD 1 LS 12MAY92 LF 12MAY92		



Activity Bar/Late Dates
Critical Activity
Progress Bar

Primavera Systems, Inc. 1984-1991

RI/FS PROJECT SCHEDULES
FERNALD ENVIRONMENTAL MGMT. PROJECT
OPERABLE UNIT 4 BAR CHART LEVEL IV

Project Start : 31OCT90
Project Finish: 4MAY01

Sheet 6 of 13

Data Date: 10AUG91
Plot Date: 12SEP91

Prepared by ASI/IT Corp.

Date	Revision	Checked	Approved

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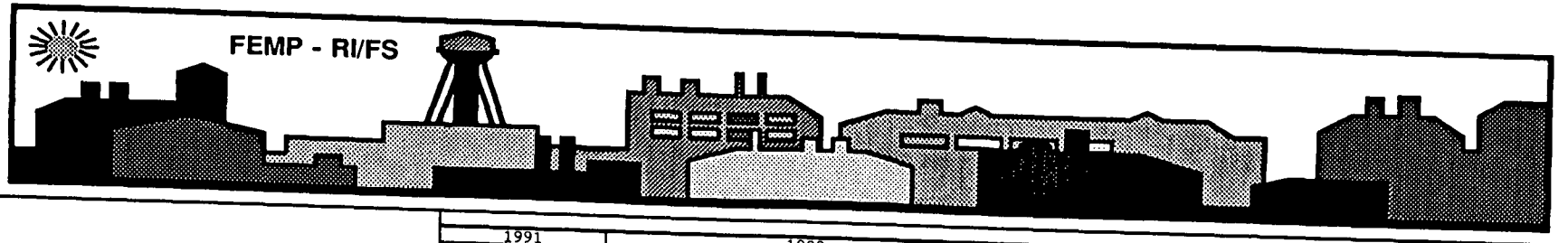
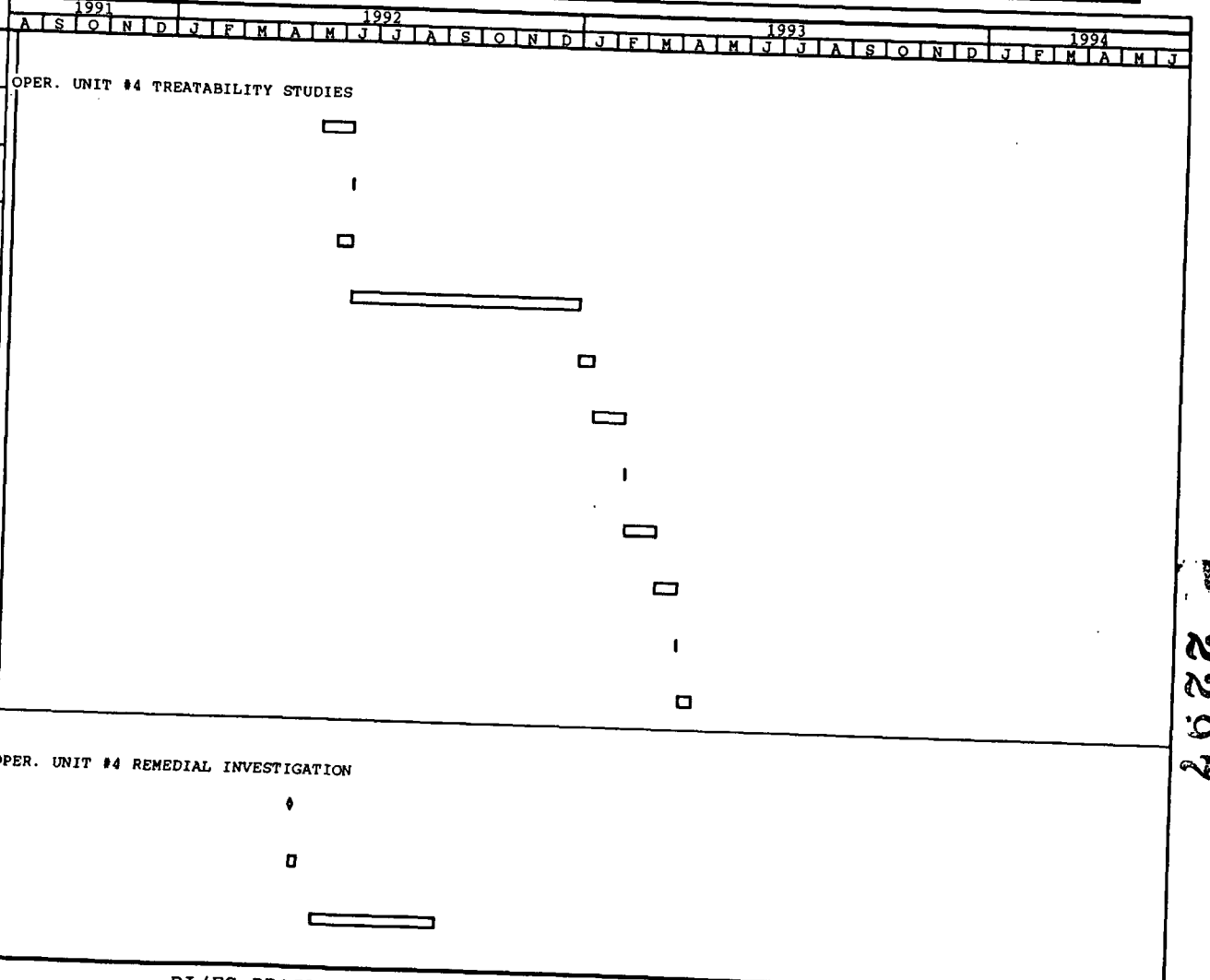


EPA REVIEW OF FINAL TS WORK PLAN 4205W31395 OD 21 LS 13MAY92 LF 10JUN92	OPER. UNIT #4 TREATABILITY STUDIES	
EPA APPROVAL OF TS WORK PLAN - VIT 4205W31400 OD 1 LS 11JUN92 LF 11JUN92		
SHIP RESIDUE TO SUBCONTRACTOR 4205W31402 OD 10 LS 29MAY92 LF 11JUN92		
CONDUCT TREATABILITY STUDY - VIT 4205W31405 OD 147 LS 12JUN92 LF 4JAN93		
COMPILE TEST RESULTS FROM TS - VIT 4205W31410 OD 10 LS 5JAN93 LF 18JAN93		
PREPARE TS REPORT - VIT 4205W31415 OD 21 LS 19JAN93 LF 16FEB93		
TRANSMIT TS REPORT TO WMCO - VIT 4205W31417 OD 1 LS 17FEB93 LF 17FEB93		
WMCO REVIEW OF TS - VIT 4205W31420 OD 21 LS 18FEB93 LF 18MAR93		
INCORPORATE WMCO COMMENTS TO TS REPORT - VIT 4205W31425 OD 15 LS 19MAR93 LF 8APR93		
SUBMIT REVISED TS REPORT TO WMCO - VIT 4205W31430 OD 1 LS 9APR93 LF 9APR93		
WMCO FINAL REVIEW/APPROVAL OF TS REPORT - VIT 4205W31432 OD 10 LS 12APR93 LF 23APR93		
START OU4 RI 4206A25001 OD 0 LS 1MAY92	OPER. UNIT #4 REMEDIAL INVESTIGATION	
OBTAIN VALIDATED FIELD DATA 4206A25102 OD 5 LS 1MAY92 LF 7MAY92		
REVISE SITE CHARACTR/DATA ANALYSIS 4206A25103 OD 80 LS 22MAY92 LF 10SEP92		



Activity Bar/Late Dates
Critical Activity
Progress Bar

Primavera Systems, Inc. 1984-1991

RI/FS PROJECT SCHEDULES
FERNALD ENVIRONMENTAL MGMT. PROJECT
OPERABLE UNIT 4 BAR CHART LEVEL IV

Project Start : 31OCT90
Project Finish: 4MAY01

Sheet 7 of 13

Data Date: 10AUG91
Plot Date: 12SEP91

Prepared by ASI/IT Corp.

Date	Revision	Checked	Approved

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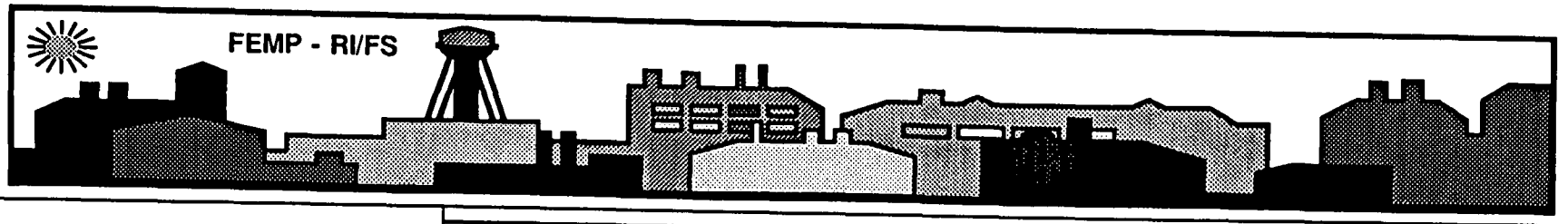
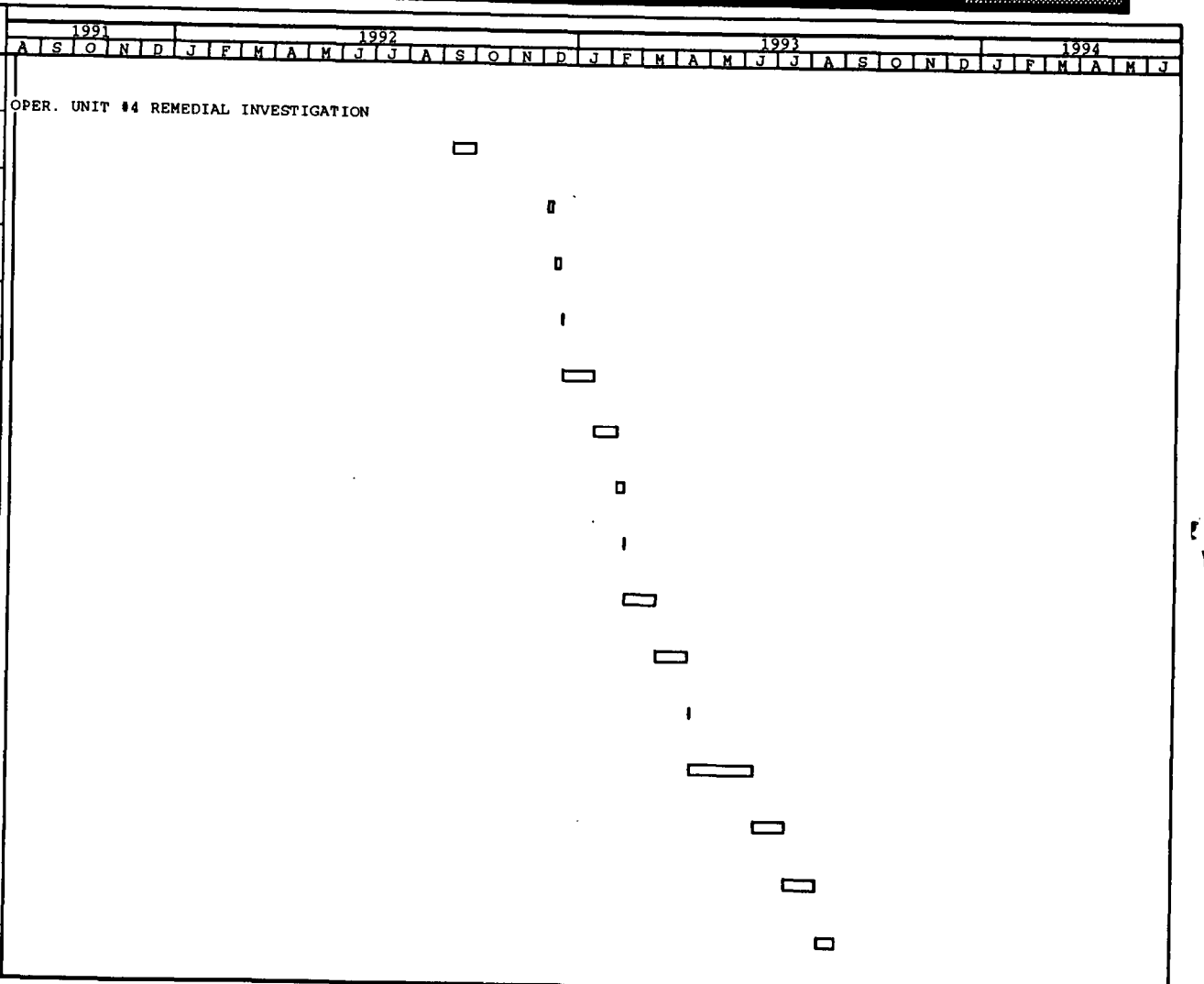


PREPARE INTERNAL DRAFT RI REPORT 4206A25104 OD 15 LS 11SEP92 LF 10CT92		
INTERNAL PEER REVIEW 4206A25105 OD 5 LS 7DEC92 LF 11DEC92		
INCORP INTERNAL OU4 RI COMMENTS 4206A25110 OD 5 LS 14DEC92 LF 18DEC92		
SUBMIT TO DOE 4206A25501 OD 1 LS 21DEC92 LF 21DEC92		
DOE/WMCO REVIEW AND COMMENT 4206A25505 OD 21 LS 22DEC92 LF 19JAN93		
INCORPORATE DOE/WMCO COMMENTS 4206A25508 OD 15 LS 20JAN93 LF 9FEB93		
INTERNAL REVIEW OF REVISED DRAFT 4206A25509 OD 5 LS 10FEB93 LF 16FEB93		
SUBMIT REVISED DRAFT TO DOE 4206A25510 OD 1 LS 17FEB93 LF 17FEB93		
EM-1 REVIEW AND COMMENT 4206A25525 OD 21 LS 18FEB93 LF 18MAR93		
INCORPORATE EM-1 COMMENTS 4206A25530 OD 21 LS 19MAR93 LF 16APR93		
SUBMIT RI TO EPA 4206A25601 OD 1 LS 19APR93 LF 19APR93		
EPA REVIEW & COMMENT - OU4 RI 4206A25610 OD 42 LS 20APR93 LF 16JUN93		
INCORPORATE EPA COMMENTS 4206A25620 OD 21 LS 17JUN93 LF 15JUL93		
EPA REVIEW AND APPROVE 4206A25625 OD 21 LS 16JUL93 LF 13AUG93		
INCORPORATE FINAL EPA COMMENTS 4206A25710 OD 12 LS 16AUG93 LF 31AUG93		



Activity Bar/Late Dates
Critical Activity
Progress Bar

Primavera Systems, Inc. 1984-1991

Project Start : 31OCT90
Project Finish: 4MAY01

RI/FS PROJECT SCHEDULES
FERNALD ENVIRONMENTAL MGMT. PROJECT
OPERABLE UNIT 4 BAR CHART LEVEL IV

Sheet 8 of 13

Data Date: 10AUG91
Plot Date: 12SEP91

Prepared by ASI/IT Corp.

Date	Revision	Checked	Approved

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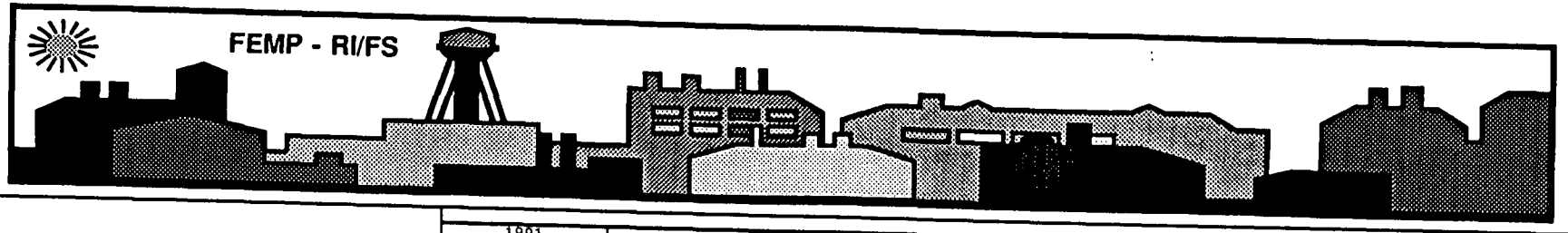

1991: A S O N D | 1992: J F M A M J J A S O N D | 1993: J F M A M J J A S O N D | 1994: J F M A M J

OPER. UNIT #4 REMEDIAL INVESTIGATION

INTERNAL REVIEW
4206A25715 OD 3
LS 1SEP93 LF 3SEP93

PRINT AND DISTRIBUTE FINAL REPORT
4206A25720 OD 5
LS 6SEP93 LF 10SEP93

OPER. UNIT #4 INITIAL SCREEN. OF ALTERN.

INITIAL SCREENING OF ALTERNATIVES
4312A09100 OD 0
AF 31OCT90

OPER. UNIT #4 FEASIBILITY STUDY/PROP. PLAN

REVISE ALTERNATIVES
4315A30101 OD 40
LS 2OCT92 LF 26NOV92

ARARS IDENTIFICATION
4315A30102 OD 1
LS 1OCT92 LF 1OCT92

PERFORM F/T MODELING
4315A30103 OD 30
LS 9OCT92 LF 19NOV92

EVAL EXP/RISK/TOXICITY
4315A30105 OD 30
LS 20NOV92 LF 31DEC92

EVAL EXPOSURE DURING REM.
4315A30108 OD 15
LS 11DEC92 LF 31DEC92

PREPARE FS-RA APPENDIX
4315A30111 OD 20
LS 15JAN93 LF 11FEB93

INTERNAL REVIEW OF FS-RA
4315A30113 OD 10
LS 12FEB93 LF 25FEB93

EVALUATE ETPSF IMPACTS
4315A30114 OD 5
LS 15JAN93 LF 21JAN93

REVISE ALT DESCRIPTION
4315A30115 OD 10
LS 18DEC92 LF 31DEC92

EVAL ALT EFFECTIVENESS
4315A30118 OD 15
LS 1JAN93 LF 21JAN93

Activity Bar/Late Dates
Critical Activity
Progress Bar

Primavera Systems, Inc. 1984-1991

RI/FS PROJECT SCHEDULES
FERNALD ENVIRONMENTAL MGMT. PROJECT
OPERABLE UNIT 4 BAR CHART LEVEL IV

Project Start : 31OCT90
Project Finish: 4MAY01

Sheet 9 of 13

Data Date: 10AUG91
Plot Date: 12SEP91

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22997

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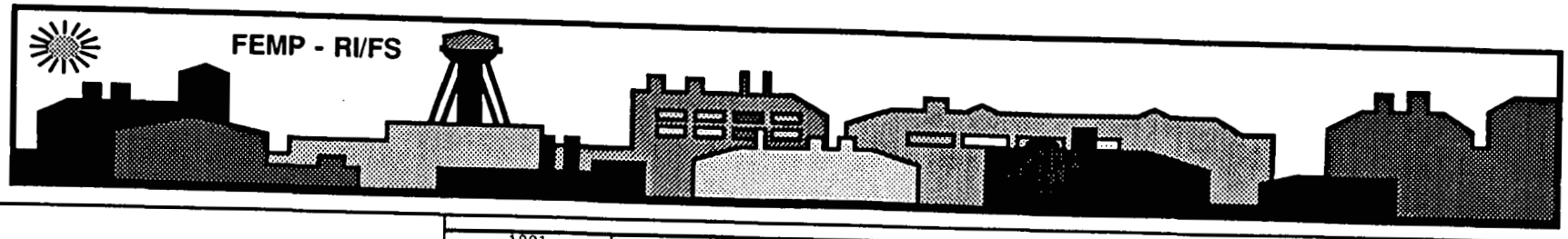
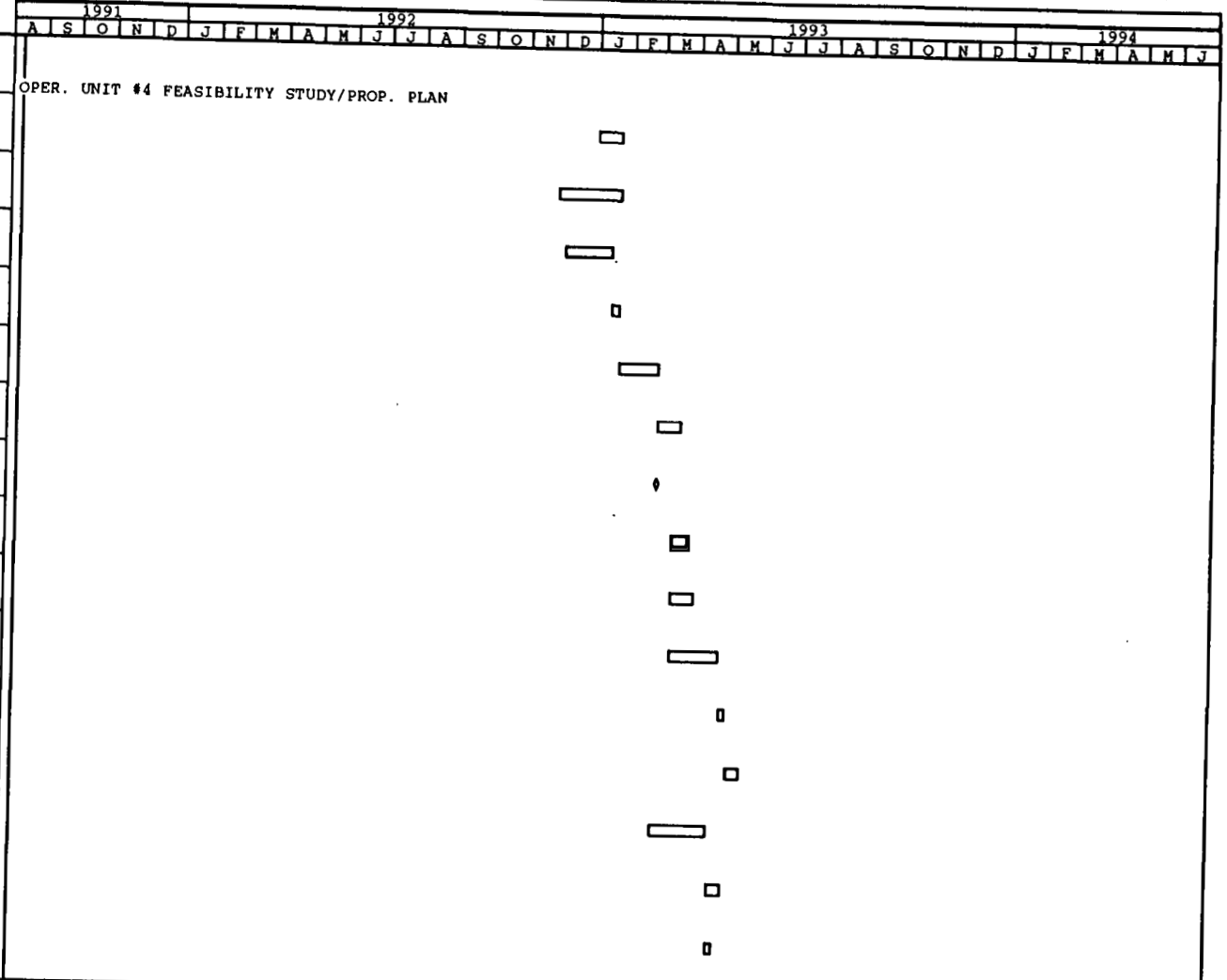


EVAL ALT IMPLEMENTABILITY 4315A30121 OD 15 LS 1JAN93 LF 21JAN93	REVISE ALT COST ESTIMATE 4315A30123 OD 40 LS 27NOV92 LF 21JAN93	NEPA ANALYSIS 4315A30125 OD 30 LS 4DEC92 LF 14JAN93	DOE/HQ EA-EIS KEY DECISION POINT 4315A30127 OD 5 LS 15JAN93 LF 21JAN93
COMPARATIVE ANALYSIS 4315A30128 OD 25 LS 22JAN93 LF 25FEB93	PREPARE DAA CHAPTER 4315A30131 OD 15 LS 26FEB93 LF 18MAR93	PROGRAMATIC DECISION POINT 4315A40001 OD 0 LS 26FEB93	PREPARE QA APPENDIX 4315A40110 OD 10 LS 12MAR93 LF 25MAR93
PREPARE NEPA ANALYSIS CHAPTER 4315A40120 OD 15 LS 12MAR93 LF 1APR93	PREPARE INTERNAL DRAFT 4315A40125 OD 31 LS 12MAR93 LF 23APR93	INTERNAL REVIEW 4315A40130 OD 5 LS 26APR93 LF 30APR93	INCORPORATE INTERNAL REVIEW COMMENTS 4315A40131 OD 10 LS 3MAY93 LF 14MAY93
PREPARE INTERNAL DRAFT PROPOSED PLAN 4315A41201 OD 36 LS 26FEB93 LF 16APR93	COMMUNITY REL. REVIEW & COMMENT 4315A41202 OD 10 LS 19APR93 LF 30APR93	INTERNAL REVIEW 4315A41203 OD 5 LS 19APR93 LF 23APR93	



Activity Bar/Late Dates
Critical Activity
Progress Bar

Primavera Systems, Inc. 1984-1991

Project Start : 31OCT90
Project Finish: 4MAY01

RI/FS PROJECT SCHEDULES
FERNALD ENVIRONMENTAL MGMT. PROJECT
OPERABLE UNIT 4 BAR CHART LEVEL IV

Sheet 10 of 13

Data Date: 10AUG91
Plot Date: 12SEP91

Prepared by ASI/IT Corp.

Date	Revision	Checked	Approved

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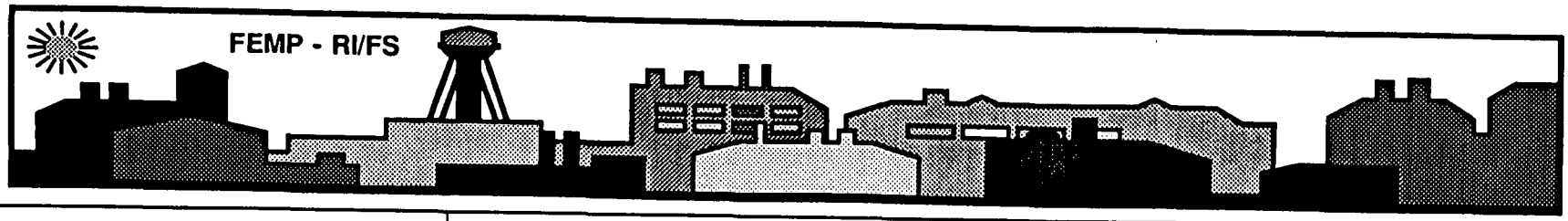
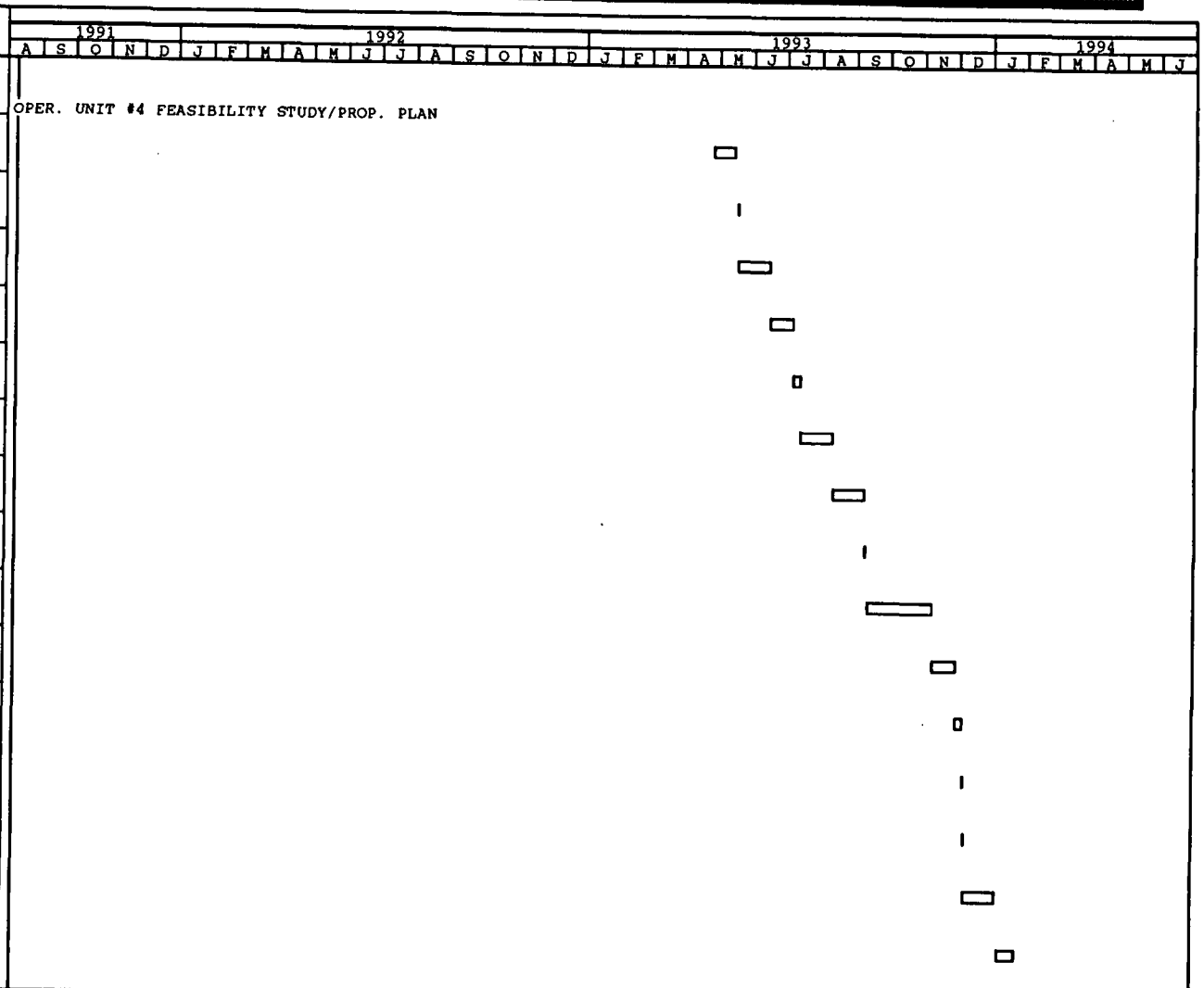


INCORPORATE FS/PP INTERNAL REVIEW COMMENTS 4315A41208 OD 15 LS 26APR93 LF 14MAY93		
SUBMIT DRAFT FS/PP TO DOE/WMCO 4315A41501 OD 1 LS 17MAY93 LF 17MAY93		
DOE/WMCO REVIEW & COMMENT 4315A41504 OD 21 LS 18MAY93 LF 15JUN93		
INCORPORATE DOE/WMCO COMMENTS 4315A41516 OD 15 LS 16JUN93 LF 6JUL93		
INTERNAL REVIEW 4315A41517 OD 5 LS 7JUL93 LF 13JUL93		
EM-1 REVIEW AND COMMENT 4315A41532 OD 21 LS 14JUL93 LF 11AUG93		
INCORPORATE EM-1 COMMENTS 4315A41535 OD 21 LS 12AUG93 LF 9SEP93		
SUBMIT EPA DRAFT FS/PP 4315A41605 OD 1 LS 10SEP93 LF 10SEP93		
EPA REVIEW & COMMENT 4315A41606 OD 42 LS 13SEP93 LF 9NOV93		
INCORPORATE EPA COMMENTS 4315A41607 OD 15 LS 10NOV93 LF 30NOV93		
INTERNAL REVIEW 4315A41608 OD 5 LS 1DEC93 LF 7DEC93		
SUBMIT DRAFT FINAL REPORT TO DOE 4315A41609 OD 1 LS 8DEC93 LF 8DEC93		
SUBMIT DRAFT FINAL REPORT TO EPA 4315A41615 OD 1 LS 9DEC93 LF 9DEC93		
EPA REVIEW & APPROVE 4315A41620 OD 21 LS 10DEC93 LF 7JAN94		
INCORPORATE EPA FINAL COMMENTS 4315A41710 OD 12 LS 10JAN94 LF 25JAN94		



Activity Bar/Late Dates
Critical Activity
Progress Bar

Primavera Systems, Inc. 1984-1991

Project Start : 31OCT90
Project Finish: 4MAY01

RI/FS PROJECT SCHEDULES
FERNALD ENVIRONMENTAL MGMT. PROJECT
OPERABLE UNIT 4 BAR CHART LEVEL IV

Sheet 11 of 13

Data Date: 10AUG91
Plot Date: 12SEP91

Prepared by ASI/IT Corp.

Date	Revision	Checked	Approved

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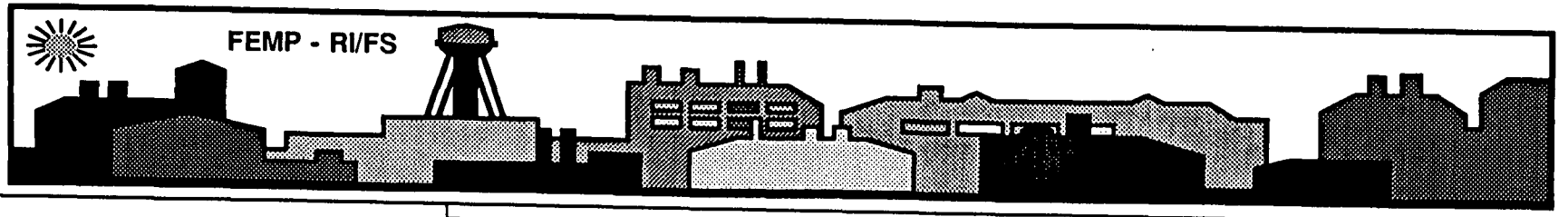

	OPER. UNIT #4 FEASIBILITY STUDY/PROP. PLAN
INTERNAL REVIEW OF FINAL FS/PP 4315A41712 OD 3 LS 26JAN94 LF 28JAN94	
PRINT & DISTR. FINAL FS/PP 4315A41713 OD 5 LS 31JAN94 LF 4FEB94	
	OPER. UNIT #4 CUMULATIVE FS RISK ASSESSMENT
INTEGRATE EXISTING OU FS RA's 4316A82101 OD 60 LS 1MAY92 LF 23JUL92	
DETERMINE SITEWIDE RME 4316A82103 OD 30 LS 24JUL92 LF 3SEP92	
EVALUATE SITEWIDE CHEMICALS OF CONCERN 4316A82105 OD 30 LS 4SEP92 LF 15OCT92	
EVALUATE RISKS 4316A82108 OD 30 LS 16OCT92 LF 26NOV92	
DRAFT CUMULATIVE FS RA APPENDIX 4316A82111 OD 40 LS 27NOV92 LF 21JAN93	
	OPER. UNIT #4 NOTICE OF AVAILIBILITY
DRAFT NOTICE OF AVAILABILITY (NOA) 4317A42101 OD 15 LS 4OCT93 LF 22OCT93	
DOE/HQ REVIEW AND COMMENT ON NOA 4317A42103 OD 30 LS 25OCT93 LF 3DEC93	
INCORPORATE DOE NOA COMMENTS 4317A42105 OD 15 LS 6DEC93 LF 24DEC93	
PRINT AND REPRODUCE NOA 4317A42107 OD 30 LS 27DEC93 LF 4FEB94	
PUBLISH NOA 4317A42109 OD 15 LS 7FEB94 LF 25FEB94	

1991 1992 1993 1994

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Activity Bar/Late Dates
Critical Activity
Progress Bar

Primavera Systems, Inc. 1984-1991

RI/FS PROJECT SCHEDULES
FERNALD ENVIRONMENTAL MGMT. PROJECT
OPERABLE UNIT 4 BAR CHART LEVEL IV

Sheet 12 of 13

Project Start : 31OCT90
Project Finish: 4MAY01

Data Date: 10AUG91
Plot Date: 12SEP91

Prepared by ASI/IT Corp.

Date	Revision	Checked	Approved

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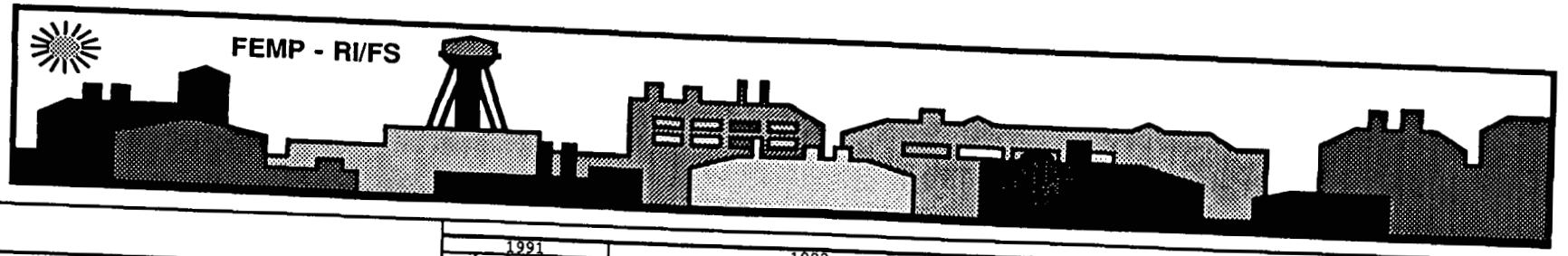

1991: A S O N D | 1992: J F M A M J J A S O N D | 1993: J F M A M J J A S O N D | 1994: J F M A M J

OPER. UNIT #4 PUBLIC COMMENT PERIOD

ISSUE NOTICE TO PUBLIC 4318A40020	OD 15	LS 7FEB94 LF 25FEB94
EPA NEPA COORDINATOR EIS REVIEW 4318A40025	OD 32	LS 28FEB94 LF 12APR94
PUBLIC COMMENT PERIOD 4318A40030	OD 32	LS 28FEB94 LF 12APR94
EVAL & RESPOND TO PUBLIC COMMENTS 4318A40100	OD 21	LS 13APR94 LF 11MAY94

OPER. UNIT #4 DRAFT ROD

PREPARE DECISION SUMMARY 4319A50060	OD 42	LS 6JAN94 LF 4MAR94
INCORP RESPONSIVENESS SUMMARY 4319A50070	OD 0	LF 10MAY94
PREPARE DECLARATION SUMMARY 4319A50071	OD 5	LS 28FEB94 LF 4MAR94
INTERNAL REVIEW 4319A50100	OD 5	LS 7MAR94 LF 11MAR94
SUBMIT DRAFT ROD TO DOE/WMCO 4319A50501	OD 1	LS 14MAR94 LF 14MAR94
DOE/WMCO REVIEW & COMMENT 4319A50530	OD 21	LS 15MAR94 LF 12APR94
INCORP DOE/WMCO COMMENTS OU4 DRAFT ROD 4319A50550	OD 20	LS 13APR94 LF 10MAY94
SUBMIT REVISED DRAFT TO DOE 4319A50560	OD 1	LS 11MAY94 LF 11MAY94
EM-1 REVIEW, REVISE & APPROVE 4319A50592	OD 21	LS 12MAY94 LF 9JUN94
DOE SUBMIT OU4 EPA DRAFT ROD TO EPA 4319A50600	OD 1	LS 10JUN94 LF 10JUN94

Activity Bar/Late Dates
Critical Activity
Progress Bar

Primavera Systems, Inc. 1984-1991

Project Start : 31OCT90
Project Finish: 4MAY01

RI/FS PROJECT SCHEDULES
FERNALD ENVIRONMENTAL MGMT. PROJECT
OPERABLE UNIT 4 BAR CHART LEVEL IV

Sheet 13 of 13

Data Date: 10AUG91
Plot Date: 12SEP91

Prepared by ASI/IT Corp.

Date	Revision	Checked	Approved

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Schedules

RI/FS PROJECT SCHEDULES | PRIMAVERA PROJECT PLANNER | FERNALD ENVIRONMENTAL MGMT. PROJECT

REPORT DATE 12SEP91 14:45 RUN NO. 475 | Prepared by ASI/IT Corp. | START DATE 31OCT90 FIN DATE 4MAY01

SCHED REP - DETAILED PRECEDENCE ANALYSIS OU 4 | DATA DATE 10AUG91 PAGE NO. 1

ACTIVITY ID	ORIG DUR	REM DUR	%	CODE	ACTIVITY DESCRIPTION	LATE START	LATE FINISH
OPERABLE UNIT 4 SLANT BORINGS							
4203A19001	20	0	100	42	AUTHORIZATION TO PROCEED	25JAN91A	17APR91A
..4203A02000	260	111	57	S SS 0	OPERABLE UNIT RELATED FIELD ACTIVITIES	15JAN91A	7MAY92
..4203A02019*	252	111	56	S SS 0	OU4 FIELD ACTIVITY - SLANT BORINGS	25JAN91A	7MAY92
..4203A19544	97	17	82	S FS 0	SLANT BORINGS (OU4 SAMPLING)	5APR91A	4SEP91
4203A19214	10	0	100	42	PREPARE FINAL H&S PLAN	31JAN91A	6MAR91A
..4203A19215	0	0	100	S FS 0	DOE/WMCO APPROVAL H&S WORK PLAN		14MAR91A
..4203A19542	10	0	100	S SS 0	MOBILIZATION	14MAR91A	24APR91A
4203A19215	0	0	100	42	DOE/WMCO APPROVAL H&S WORK PLAN		14MAR91A
..4203A19214	10	0	100	P FS 0	PREPARE FINAL H&S PLAN	31JAN91A	6MAR91A
..4203A19220	1	0	100	S FS 0	PENETRATION PERMIT (OU4 SLNT BOR)	28FEB91A	28FEB91A
4203A19220	1	0	100	42	PENETRATION PERMIT (OU4 SLNT BOR)	28FEB91A	28FEB91A
..4203A19215	0	0	100	P FS 0	DOE/WMCO APPROVAL H&S WORK PLAN		14MAR91A
..4203A19222	4	0	100	S FS 0	ERA PERMIT APPROVAL (SLANT BORINGS)	24APR91A	30APR91A
4203A19222	4	0	100	42	ERA PERMIT APPROVAL (SLANT BORINGS)	24APR91A	30APR91A
..4203A19220	1	0	100	P FS 0	PENETRATION PERMIT (OU4 SLNT BOR)	28FEB91A	28FEB91A
..4203A19224	1	0	100	S SS 0	RADIATION WORK PERMIT (SLANT BORINGS)	21APR91A	22APR91A
4203A19224	1	0	100	42	RADIATION WORK PERMIT (SLANT BORINGS)	21APR91A	22APR91A
..4203A19222	4	0	100	P SS 0	ERA PERMIT APPROVAL (SLANT BORINGS)	24APR91A	30APR91A
..4203A19540	10	0	100	S SS 0	OU4 SAMPLING SPECIFIC TRAINING	28FEB91A	20APR91A
4203A19540	10	0	100	42	OU4 SAMPLING SPECIFIC TRAINING	28FEB91A	20APR91A
..4203A19224	1	0	100	P SS 0	RADIATION WORK PERMIT (SLANT BORINGS)	21APR91A	22APR91A
4203A19542	10	0	100	42	MOBILIZATION	14MAR91A	24APR91A
..4203A19214	10	0	100	P SS 0	PREPARE FINAL H&S PLAN	31JAN91A	6MAR91A
..4203A19544	97	17	82	S FS 2	SLANT BORINGS (OU4 SAMPLING)	5APR91A	4SEP91
4203A19544	97	17	82	42	SLANT BORINGS (OU4 SAMPLING)	5APR91A	4SEP91
..4203A19001	20	0	100	P FS 0	AUTHORIZATION TO PROCEED	25JAN91A	17APR91A
..4203A19542	10	0	100	P FS 2	MOBILIZATION	14MAR91A	24APR91A
..4203A19546*	2	2	0	S FS 0	SHIPPING/ARCHIVING	7SEP91	8SEP91
..4203A19548*	5	5	0	S FS 0	DEMOBILIZATION	5SEP91	9SEP91*
4203A19546	2	2	0	42	SHIPPING/ARCHIVING	7SEP91	8SEP91
..4203A19544*	97	17	82	P FS 0	SLANT BORINGS (OU4 SAMPLING)	5APR91A	4SEP91
..4203A19547*	2	2	0	S FS 0	FIELD DATA VALIDATION	22APR92	23APR92
..4203A19992*	80	80	0	S FS 0	LAB ANALYSIS - SLANT BORINGS	9SEP91	27DEC91*
..4203A19993*	80	80	0	S FS 0	LAB ANALYSIS - GROUNDWATER	9SEP91	27DEC91*

ACTIVITY ID	ORIG DUR	REM DUR	%	CODE	ACTIVITY DESCRIPTION	LATE START	LATE FINISH
OPERABLE UNIT 4 SLANT BORINGS							
4203A19547	2	2	0	42	FIELD DATA VALIDATION	22APR92	23APR92
..4203A19546*	2	2	0	P FS 0	SHIPPING/ARCHIVING	7SEP91	8SEP91
..4203A19549*	5	5	0	S FS 0	FIELD DATA ENTRY	24APR92	30APR92
4203A19548	5	5	0	42	DEMOBILIZATION	5SEP91	9SEP91*
..4203A19544*	97	17	82	P FS 0	SLANT BORINGS (OU4 SAMPLING)	5APR91A	4SEP91
..4203A19549	5	5	0	S FF 0	FIELD DATA ENTRY	24APR92	30APR92
4203A19549	5	5	0	42	FIELD DATA ENTRY	24APR92	30APR92
..4203A19547*	2	2	0	P FS 0	FIELD DATA VALIDATION	22APR92	23APR92
..4203A19548	5	5	0	P FF 0	DEMOBILIZATION	5SEP91	9SEP91*
..4203A19999	5	5	0	S FS 0	DATA BASE ENTRY	1MAY92	7MAY92
4203A19992	80	80	0	42	LAB ANALYSIS - SLANT BORINGS	9SEP91	27DEC91*
..4203A19546*	2	2	0	P FS 0	SHIPPING/ARCHIVING	7SEP91	8SEP91
..4203A19995*	1	1	0	S FS 0	RECV LAB REPORT - SOIL	23APR92	23APR92
4203A19993	80	80	0	42	LAB ANALYSIS - GROUNDWATER	9SEP91	27DEC91*
..4203A19546*	2	2	0	P FS 0	SHIPPING/ARCHIVING	7SEP91	8SEP91
..4203A19997*	1	1	0	S FS 0	RECV LAB REPORT - GROUNDWATER	23APR92	23APR92
4203A19995	1	1	0	42	RECV LAB REPORT - SOIL	23APR92	23APR92
..4203A19992*	80	80	0	P FS 0	LAB ANALYSIS - SLANT BORINGS	9SEP91	27DEC91*
..4203A19998*	5	5	0	S FS 0	VALIDATE LABORATORY REPORT	24APR92	30APR92
4203A19997	1	1	0	42	RECV LAB REPORT - GROUNDWATER	23APR92	23APR92
..4203A19993*	80	80	0	P FS 0	LAB ANALYSIS - GROUNDWATER	9SEP91	27DEC91*
..4203A19998*	5	5	0	S FS 0	VALIDATE LABORATORY REPORT	24APR92	30APR92
4203A19998	5	5	0	42	VALIDATE LABORATORY REPORT	24APR92	30APR92
..4203A19995*	1	1	0	P FS 0	RECV LAB REPORT - SOIL	23APR92	23APR92
..4203A19997*	1	1	0	P FS 0	RECV LAB REPORT - GROUNDWATER	23APR92	23APR92
..4203A19999*	5	5	0	S FS 0	DATA BASE ENTRY	1MAY92	7MAY92
4203A19999	5	5	0	42	DATA BASE ENTRY	1MAY92	7MAY92
..4203A02000*	260	111	57	P FF 0	OPERABLE UNIT RELATED FIELD ACTIVITIES	15JAN91A	7MAY92
..4203A02019*	252	111	56	P FF 0	OU4 FIELD ACTIVITY - SLANT BORINGS	25JAN91A	7MAY92
..4203A19549	5	5	0	P FS 0	FIELD DATA ENTRY	24APR92	30APR92
..4203A19998*	5	5	0	P FS 0	VALIDATE LABORATORY REPORT	24APR92	30APR92
..4204A81100*	21	21	0	S FS 0	EVALUATE DATA FOR OU4 RISK ASSMT	6AUG92	3SEP92
..4206A25102*	5	5	0	S FF 0	OBTAIN VALIDATED FIELD DATA	1MAY92	7MAY92
OPERABLE UNIT 4 VERTICAL BORINGS							
4203A20001	20	0	100	42	AUTHORIZATION TO PROCEED	15JAN91A	16APR91A

ACTIVITY ID	ORIG DUR	REM DUR	%	CODE	ACTIVITY DESCRIPTION	LATE START	LATE FINISH
..4203A02000*	260	111	57	S SS 0	OPERABLE UNIT RELATED FIELD ACTIVITIES	15JAN91A	7MAY92
..4203A02020*	201	52	74	S SS 0	OU4 FIELD WORK - VERTICAL BORINGS	15JAN91A	7MAY92
..4203A20118	1	0	100	S SS 0	EPA APPROVAL OU4 VERT BORINGS WORK PLAN	18APR91A	18APR91A
..4203A20542*	25	0	100	S FF 0	MOBILIZATION/PROCUREMENT	24JAN91A	25MAY91A
..4203A20544	26	0	100	S FS 0	4 VERTICAL BORINGS (OU4 VERT BOR)	30APR91A	17JUN91A
4203A20116	21	0	100	42	EPA REVIEW OF WORK PLAN	15JAN91A	24JAN91A
..4203A20117	5	0	100	S FS 0	PREPARE FINAL WORK PLAN	13MAR91A	17APR91A
..4203A20542	25	0	100	S SS 0	MOBILIZATION/PROCUREMENT	24JAN91A	25MAY91A
4203A20117	5	0	100	42	PREPARE FINAL WORK PLAN	13MAR91A	17APR91A
..4203A20116	21	0	100	P FS 0	EPA REVIEW OF WORK PLAN	15JAN91A	24JAN91A
..4203A20118	1	0	100	S FS 0	EPA APPROVAL OU4 VERT BORINGS WORK PLAN	18APR91A	18APR91A
4203A20118	1	0	100	42	EPA APPROVAL OU4 VERT BORINGS WORK PLAN	18APR91A	18APR91A
..4203A20001	20	0	100	P SS 0	AUTHORIZATION TO PROCEED	15JAN91A	16APR91A
..4203A20117	5	0	100	P FS 0	PREPARE FINAL WORK PLAN	13MAR91A	17APR91A
4203A20214	10	0	100	42	PREPARE FINAL H&S PLAN	28FEB91A	8MAR91A
..4203A20215	1	0	100	S FS 0	DOE/WMCO APPROVAL H&S PLAN	18APR91A	18APR91A
..4203A20540	4	0	100	S SS 0	OU4 VERT BOR SPECIFIC TRAINING	18APR91A	21APR91A
4203A20215	1	0	100	42	DOE/WMCO APPROVAL H&S PLAN	18APR91A	18APR91A
..4203A20214	10	0	100	P FS 0	PREPARE FINAL H&S PLAN	28FEB91A	8MAR91A
..4203A20330	1	0	100	S SS 1	PENETRATION PERMIT (OU4 VERT BOR)	19APR91A	19APR91A
4203A20330	1	0	100	42	PENETRATION PERMIT (OU4 VERT BOR)	19APR91A	19APR91A
..4203A20215	1	0	100	P SS 1	DOE/WMCO APPROVAL H&S PLAN	18APR91A	18APR91A
..4203A20332	5	0	100	S SS 1	ERA PERMIT APPROVAL OU4 VERT BOR	22APR91A	25APR91A
4203A20332	5	0	100	42	ERA PERMIT APPROVAL OU4 VERT BOR	22APR91A	25APR91A
..4203A20330	1	0	100	P SS 1	PENETRATION PERMIT (OU4 VERT BOR)	19APR91A	19APR91A
..4203A20338	1	0	100	S SS 0	RADIATION WORK PERMIT (OU4 VERT BOR)	22APR91A	22APR91A
4203A20338	1	0	100	42	RADIATION WORK PERMIT (OU4 VERT BOR)	22APR91A	22APR91A
..4203A20332	5	0	100	P SS 0	ERA PERMIT APPROVAL OU4 VERT BOR	22APR91A	25APR91A
4203A20540	4	0	100	42	OU4 VERT BOR SPECIFIC TRAINING	18APR91A	21APR91A
..4203A20214	10	0	100	P SS 0	PREPARE FINAL H&S PLAN	28FEB91A	8MAR91A
..4203A20542	25	0	100	S FS 0	MOBILIZATION/PROCUREMENT	24JAN91A	25MAY91A
4203A20542	25	0	100	42	MOBILIZATION/PROCUREMENT	24JAN91A	25MAY91A
..4203A20001*	20	0	100	P FF 0	AUTHORIZATION TO PROCEED	15JAN91A	16APR91A
..4203A20116	21	0	100	P SS 0	EPA REVIEW OF WORK PLAN	15JAN91A	24JAN91A
..4203A20540	4	0	100	P FS 0	OU4 VERT BOR SPECIFIC TRAINING	18APR91A	21APR91A

ACTIVITY ID	ORIG DUR	REM DUR	%	CODE	ACTIVITY DESCRIPTION	LATE START	LATE FINISH
..4203A20544	26	0	100	S FS 0	4 VERTICAL BORINGS (OU4 VERT BOR)	30APR91A	17JUN91A
4203A20544	26	0	100	42	4 VERTICAL BORINGS (OU4 VERT BOR)	30APR91A	17JUN91A
..4203A20001	20	0	100	P FS 0	AUTHORIZATION TO PROCEED	15JAN91A	16APR91A
..4203A20542	25	0	100	P FS 0	MOBILIZATION/PROCUREMENT	24JAN91A	25MAY91A
..4203A20546	2	0	100	S FS 0	SHIPPING/ARCHIVING	14MAY91A	17JUN91A
..4203A20548	5	0	100	S FS 0	DEMOBILIZATION	17JUN91A	21JUN91A
4203A20546	2	0	100	42	SHIPPING/ARCHIVING	14MAY91A	17JUN91A
..4203A20544	26	0	100	P FS 0	4 VERTICAL BORINGS (OU4 VERT BOR)	30APR91A	17JUN91A
..4203A20547	10	5	77	S FS 0	FIELD DATA VALIDATION	21MAY91A	14APR92
..4203A20992	80	41	49	S FS 0	LAB ANALYSIS - VERT BORINGS	18JUN91A	7OCT91*
4203A20547	10	5	77	42	FIELD DATA VALIDATION	21MAY91A	14APR92
..4203A20546	2	0	100	P FS 0	SHIPPING/ARCHIVING	14MAY91A	17JUN91A
..4203A20549*	10	2	80	S FS 10	FIELD DATA ENTRY	4JUN91A	30APR92
4203A20548	5	0	100	42	DEMOBILIZATION	17JUN91A	21JUN91A
..4203A20544	26	0	100	P FS 0	4 VERTICAL BORINGS (OU4 VERT BOR)	30APR91A	17JUN91A
4203A20549	10	2	80	42	FIELD DATA ENTRY	4JUN91A	30APR92
..4203A20547*	10	5	77	P FS 10	FIELD DATA VALIDATION	21MAY91A	14APR92
..4203A20999	5	5	0	S FS 0	DATA BASE ENTRY	1MAY92	7MAY92
4203A20992	80	41	49	42	LAB ANALYSIS - VERT BORINGS	18JUN91A	7OCT91*
..4203A20546	2	0	100	P FS 0	SHIPPING/ARCHIVING	14MAY91A	17JUN91A
..4203A20995*	1	1	0	S FS 0	RECV LAB REPORT - VERT BORINGS	23APR92	23APR92
4203A20995	1	1	0	42	RECV LAB REPORT - VERT BORINGS	23APR92	23APR92
..4203A20992*	80	41	49	P FS 0	LAB ANALYSIS - VERT BORINGS	18JUN91A	7OCT91*
..4203A20998*	5	5	0	S FS 0	VALIDATE LABORATORY REPORT	24APR92	30APR92
4203A20998	5	5	0	42	VALIDATE LABORATORY REPORT	24APR92	30APR92
..4203A20995*	1	1	0	P FS 0	RECV LAB REPORT - VERT BORINGS	23APR92	23APR92
..4203A20999*	5	5	0	S FS 0	DATA BASE ENTRY	1MAY92	7MAY92
4203A20999	5	5	0	42	DATA BASE ENTRY	1MAY92	7MAY92
..4203A02000	260	111	57	P FF 0	OPERABLE UNIT RELATED FIELD ACTIVITIES	15JAN91A	7MAY92
..4203A02020*	201	52	74	P FF 0	OU4 FIELD WORK - VERTICAL BORINGS	15JAN91A	7MAY92
..4203A20549	10	2	80	P FS 0	FIELD DATA ENTRY	4JUN91A	30APR92
..4203A20998*	5	5	0	P FS 0	VALIDATE LABORATORY REPORT	24APR92	30APR92
..4204A81100	21	21	0	S FS 0	EVALUATE DATA FOR OU4 RISK ASSMT	6AUG92	3SEP92
.4206A25102	5	5	0	S FF 0	OBTAIN VALIDATED FIELD DATA	1MAY92	7MAY92

RI/FS PROJECT SCHEDULES | PRIMAVERA PROJECT PLANNER | FERNALD ENVIRONMENTAL MGMT. PROJECT

REPORT DATE 12SEP91 14:45 RUN NO. 475 | Prepared by ASI/IT Corp. | START DATE 31OCT90 FIN DATE 4MAY01

SCHED REP - DETAILED PRECEDENCE ANALYSIS OU 4 | DATA DATE 10AUG91 PAGE NO. 5

ACTIVITY ID	ORIG DUR	REM DUR	%	CODE	ACTIVITY DESCRIPTION	LATE START	LATE FINISH
OPERABLE UNIT 4 SILO CONTENT SAMPLING							
4203A21544	30	13	57	42	K-65 CONTENT SAMPLING OU4	12JUL91A	28AUG91
..4203W03542	18	0	100	P FS 0	RTS OPERATIONAL START-UP	17JUN91A	11JUL91A
..4203A02000	260	111	57	S SS 0	OPERABLE UNIT RELATED FIELD ACTIVITIES	15JAN91A	7MAY92
..4203A02021*	130	109	16	S SS 0	OU4 FIELD WORK - CONTENT SAMPLING	12JUL91A	7MAY92
..4203A21546*	2	2	0	S FS 0	SHIPPING/ARCHIVING	29AUG91	4SEP91
..4203A21548*	5	5	0	S FS 0	DEMOBILIZATION	29AUG91	7SEP91*
..4205A31210	240	240	0	S FS 0	STABILIZATION/EXTRACTION TESTING	25OCT91	24SEP92
..4205W31402*	10	10	0	S FS 0	SHIP RESIDUE TO SUBCONTRACTOR	29MAY92	11JUN92
4203A21546	2	2	0	42	SHIPPING/ARCHIVING	29AUG91	4SEP91
..4203A21544*	30	13	57	P FS 0	K-65 CONTENT SAMPLING OU4	12JUL91A	28AUG91
..4203A21547*	5	5	0	S FS 0	FIELD DATA VALIDATION	17APR92	23APR92
..4203A21992*	80	80	0	S FS 0	LAB ANALYSIS - SILO CONTENTS	5SEP91	25DEC91*
4203A21547	5	5	0	42	FIELD DATA VALIDATION	17APR92	23APR92
..4203A21546*	2	2	0	P FS 0	SHIPPING/ARCHIVING	29AUG91	4SEP91
..4203A21549*	5	5	0	S FS 0	FIELD DATA ENTRY	24APR92	30APR92
4203A21548	5	5	0	42	DEMOBILIZATION	29AUG91	7SEP91*
..4203A21544*	30	13	57	P FS 0	K-65 CONTENT SAMPLING OU4	12JUL91A	28AUG91
..4203A21549	5	5	0	S FF 0	FIELD DATA ENTRY	24APR92	30APR92
4203A21549	5	5	0	42	FIELD DATA ENTRY	24APR92	30APR92
..4203A21547*	5	5	0	P FS 0	FIELD DATA VALIDATION	17APR92	23APR92
..4203A21548	5	5	0	P FF 0	DEMOBILIZATION	29AUG91	7SEP91*
..4203A21999	5	5	0	S FS 0	DATA BASE ENTRY	1MAY92	7MAY92
4203A21992	80	80	0	42	LAB ANALYSIS - SILO CONTENTS	5SEP91	25DEC91*
..4203A21546*	2	2	0	P FS 0	SHIPPING/ARCHIVING	29AUG91	4SEP91
..4203A21995*	1	1	0	S FS 0	RECV LAB REPORT - SILO CONTENTS	23APR92	23APR92
4203A21995	1	1	0	42	RECV LAB REPORT - SILO CONTENTS	23APR92	23APR92
..4203A21992*	80	80	0	P FS 0	LAB ANALYSIS - SILO CONTENTS	5SEP91	25DEC91*
..4203A21998*	5	5	0	S FS 0	VALIDATE LABORATORY REPORT	24APR92	30APR92
4203A21998	5	5	0	42	VALIDATE LABORATORY REPORT	24APR92	30APR92
..4203A21995*	1	1	0	P FS 0	RECV LAB REPORT - SILO CONTENTS	23APR92	23APR92
..4203A21999*	5	5	0	S FS 0	DATA BASE ENTRY	1MAY92	7MAY92
4203A21999	5	5	0	42	DATA BASE ENTRY	1MAY92	7MAY92
..4203A02000	260	111	57	P FF 0	OPERABLE UNIT RELATED FIELD ACTIVITIES	15JAN91A	7MAY92
..4203A02021*	130	109	16	P FF 0	OU4 FIELD WORK - CONTENT SAMPLING	12JUL91A	7MAY92
..4203A21549	5	5	0	P FS 0	FIELD DATA ENTRY	24APR92	30APR92
..4203A21998*	5	5	0	P FS 0	VALIDATE LABORATORY REPORT	24APR92	30APR92

ACTIVITY ID	ORIG DUR	REM DUR	%	CODE	ACTIVITY DESCRIPTION	LATE START	LATE FINISH
..4204A81100	21	21	0	S FS 0	EVALUATE DATA FOR OU4 RISK ASSMT	6AUG92	3SEP92
..4206A25102	5	5	0	S FF 0	OBTAIN VALIDATED FIELD DATA	1MAY92	7MAY92
INTERFACES WITH OTHER SCHEDULES							
4203W03542	18	0	100	42	RTS OPERATIONAL START-UP	17JUN91A	11JUL91A
..4203A21544	30	13	57	S FS 0	K-65 CONTENT SAMPLING OU4	12JUL91A	28AUG91
OU-BL RISK ASSESSMENT							
4204A81050	30	30	0	42	PERFORM OU4 FATE & TRAN CALCS	20AUG92	30SEP92
..4204A81100*	21	21	0	P SS 10	EVALUATE DATA FOR OU4 RISK ASSMT	6AUG92	3SEP92
..4204A81130*	20	20	0	S FS 0	EVAL. EXP./RISK/TOXICITY	1OCT92	28OCT92
4204A81100	21	21	0	42	EVALUATE DATA FOR OU4 RISK ASSMT	6AUG92	3SEP92
..0200A85601	21	21	0	P FS 0	EPA REVIEW AND APPROVE	7NOV91	5DEC91
..4203A19999*	5	5	0	P FS 0	DATA BASE ENTRY	1MAY92	7MAY92
..4203A20999	5	5	0	P FS 0	DATA BASE ENTRY	1MAY92	7MAY92
..4203A21999	5	5	0	P FS 0	DATA BASE ENTRY	1MAY92	7MAY92
..4204A81000*	80	80	0	S SS 0	OU4 BASELINE RISK ASSESSMENT	6AUG92	25NOV92
..4204A81050*	30	30	0	S SS 10	PERFORM OU4 FATE & TRAN CALCS	20AUG92	30SEP92
..4204A81120*	10	10	0	S FS 0	DETER. CHEMICALS OF CONCERN	17SEP92	30SEP92
4204A81120	10	10	0	42	DETER. CHEMICALS OF CONCERN	17SEP92	30SEP92
..4204A81100*	21	21	0	P FS 0	EVALUATE DATA FOR OU4 RISK ASSMT	6AUG92	3SEP92
..4204A81130	20	20	0	S FS 0	EVAL. EXP./RISK/TOXICITY	1OCT92	28OCT92
4204A81130	20	20	0	42	EVAL. EXP./RISK/TOXICITY	1OCT92	28OCT92
.4204A81050*	30	30	0	P FS 0	PERFORM OU4 FATE & TRAN CALCS	20AUG92	30SEP92
.4204A81120	10	10	0	P FS 0	DETER. CHEMICALS OF CONCERN	17SEP92	30SEP92
.4204A81140*	20	20	0	S FS 0	PREPARE OU4 RISK ASSMT CHAPTER/APP	29OCT92	25NOV92
4204A81140	20	20	0	42	PREPARE OU4 RISK ASSMT CHAPTER/APP	29OCT92	25NOV92
.4204A81000*	80	80	0	P FF 0	OU4 BASELINE RISK ASSESSMENT	6AUG92	25NOV92
.4204A81130*	20	20	0	P FS 0	EVAL. EXP./RISK/TOXICITY	1OCT92	28OCT92
.4204A81150*	7	7	0	S FS 0	INTERNAL REVIEW OF RA CHAPTER/APP	26NOV92	4DEC92
4204A81150	7	7	0	42	INTERNAL REVIEW OF RA CHAPTER/APP	26NOV92	4DEC92
.4204A81140*	20	20	0	P FS 0	PREPARE OU4 RISK ASSMT CHAPTER/APP	29OCT92	25NOV92
.4206A25105	5	5	0	S FS 0	INTERNAL PEER REVIEW	7DEC92	11DEC92
REATABILITY STUDIES							
4205A31105	37	0	100	42	PREPARE TS WORK PLAN	18JAN91A	11MAR91A
.4205A02000*	504	358	29	S SS 0	TREATABILITY STUDIES	18JAN91A	23APR93
.4205A31100*	201	55	73	S SS 0	TREATABILITY STUDY WORK PLAN	18JAN91A	24SEP92
.4205A31110	5	0	100	S FS 0	INTERNAL REVIEW OF WORK PLAN	12MAR91A	19APR91A

ACTIVITY ID	ORIG DUR	REM DUR	%	CODE	ACTIVITY DESCRIPTION	LATE START	LATE FINISH
TREATABILITY STUDIES							
4205A31110	5	0	100	42	INTERNAL REVIEW OF WORK PLAN	12MAR91A	19APR91A
..4205A31105	37	0	100	P FS 0	PREPARE TS WORK PLAN	18JAN91A	11MAR91A
..4205A31120	1	0	100	S FS 0	SUBMIT TS WORK PLAN TO DOE	22APR91A	22APR91A
4205A31120	1	0	100	42	SUBMIT TS WORK PLAN TO DOE	22APR91A	22APR91A
..4205A31110	5	0	100	P FS 0	INTERNAL REVIEW OF WORK PLAN	12MAR91A	19APR91A
..4205A31125	21	0	100	S FS 0	DOE REVIEW OF TS WORK PLAN	23APR91A	24JUN91A
4205A31125	21	0	100	42	DOE REVIEW OF TS WORK PLAN	23APR91A	24JUN91A
..4205A31120	1	0	100	P FS 0	SUBMIT TS WORK PLAN TO DOE	22APR91A	22APR91A
..4205A31130	15	0	100	S FS 0	INCORPORATE DOE COMMENTS	25JUN91A	17JUL91A
4205A31130	15	0	100	42	INCORPORATE DOE COMMENTS	25JUN91A	17JUL91A
..4205A31125	21	0	100	P FS 0	DOE REVIEW OF TS WORK PLAN	23APR91A	24JUN91A
..4205A31135	5	0	100	S FS 0	INTERNAL REVIEW OF REVISED TS WORK PLAN	18JUL91A	24JUL91A
4205A31135	5	0	100	42	INTERNAL REVIEW OF REVISED TS WORK PLAN	18JUL91A	24JUL91A
..4205A31130	15	0	100	P FS 0	INCORPORATE DOE COMMENTS	25JUN91A	17JUL91A
..4205A31140	1	0	100	S FS 0	RE-SUBMIT TS WORK PLAN TO DOE	25JUL91A	25JUL91A
4205A31140	1	0	100	42	RE-SUBMIT TS WORK PLAN TO DOE	25JUL91A	25JUL91A
..4205A31135	5	0	100	P FS 0	INTERNAL REVIEW OF REVISED TS WORK PLAN	18JUL91A	24JUL91A
..4205A31160	1	0	100	S FS 0	SUBMIT TS WORK PLAN TO EPA	26JUL91A	26JUL91A
4205A31160	1	0	100	42	SUBMIT TS WORK PLAN TO EPA	26JUL91A	26JUL91A
..4205A31140	1	0	100	P FS 0	RE-SUBMIT TS WORK PLAN TO DOE	25JUL91A	25JUL91A
..4205A31170	21	11	48	S FS 0	EPA REVIEW OF TS WORK PLAN	29JUL91A	24SEP91
4205A31170	21	11	48	42	EPA REVIEW OF TS WORK PLAN	29JUL91A	24SEP91
..4205A31160	1	0	100	P FS 0	SUBMIT TS WORK PLAN TO EPA	26JUL91A	26JUL91A
..4205A31180*	15	15	0	S FS 0	INCORPORATE EPA COMMENTS	25SEP91	15OCT91
4205A31180	15	15	0	42	INCORPORATE EPA COMMENTS	25SEP91	15OCT91
..4205A31170*	21	11	48	P FS 0	EPA REVIEW OF TS WORK PLAN	29JUL91A	24SEP91
..4205A31185*	5	5	0	S FS 0	INTERNAL REVIEW OF FINAL TS WORK PLAN	16OCT91	22OCT91
4205A31185	5	5	0	42	INTERNAL REVIEW OF FINAL TS WORK PLAN	16OCT91	22OCT91
..4205A31180*	15	15	0	P FS 0	INCORPORATE EPA COMMENTS	25SEP91	15OCT91
..4205A31187*	1	1	0	S FS 0	RE-SUBMIT TS WORK PLAN TO DOE	23OCT91	23OCT91
4205A31187	1	1	0	42	RE-SUBMIT TS WORK PLAN TO DOE	23OCT91	23OCT91
..4205A31185*	5	5	0	P FS 0	INTERNAL REVIEW OF FINAL TS WORK PLAN	16OCT91	22OCT91
..4205A31190*	1	1	0	S FS 0	RE-SUBMIT WORK PLAN TO EPA	24OCT91	24OCT91

ACTIVITY ID	ORIG DUR	REM DUR	%	CODE	ACTIVITY DESCRIPTION	LATE START	LATE FINISH
TREATABILITY STUDIES							
4205A31190	1	1	0	42	RE-SUBMIT WORK PLAN TO EPA	24OCT91	24OCT91
..4205A31187*	1	1	0 P FS	0	RE-SUBMIT TS WORK PLAN TO DOE	23OCT91	23OCT91
..4205A31194*	21	21	0 S FS	0	EPA REVIEW & APPROVAL	26AUG92	23SEP92
..4205A31210*	240	240	0 S FS	0	STABILIZATION/EXTRACTION TESTING	25OCT91	24SEP92
4205A31194	21	21	0	42	EPA REVIEW & APPROVAL	26AUG92	23SEP92
..4205A31190*	1	1	0 P FS	0	RE-SUBMIT WORK PLAN TO EPA	24OCT91	24OCT91
..4205A31199*	1	1	0 S FS	0	EPA FINAL APPROVAL OF TS WORK PLAN	24SEP92	24SEP92
4205A31199	1	1	0	42	EPA FINAL APPROVAL OF TS WORK PLAN	24SEP92	24SEP92
..4205A31100*	201	55	73 P FF	0	TREATABILITY STUDY WORK PLAN	18JAN91A	24SEP92
..4205A31194*	21	21	0 P FS	0	EPA REVIEW & APPROVAL	26AUG92	23SEP92
..4205A31210	240	240	0 S FF	0	STABILIZATION/EXTRACTION TESTING	25OCT91	24SEP92
4205A31210	240	240	0	42	STABILIZATION/EXTRACTION TESTING	25OCT91	24SEP92
..4203A21544	30	13	57 P FS	0	K-65 CONTENT SAMPLING OU4	12JUL91A	28AUG91
..4205A31190*	1	1	0 P FS	0	RE-SUBMIT WORK PLAN TO EPA	24OCT91	24OCT91
..4205A31199	1	1	0 P FF	0	EPA FINAL APPROVAL OF TS WORK PLAN	24SEP92	24SEP92
..4205A31220*	10	10	0 S FS	0	COMPILE TEST RESULTS FROM TS	4DEC92	17DEC92
..4315A30103*	30	30	0 S FS	10	PERFORM F/T MODELING	9OCT92	19NOV92
4205A31220	10	10	0	42	COMPILE TEST RESULTS FROM TS	4DEC92	17DEC92
..4205A31210*	240	240	0 P FS	0	STABILIZATION/EXTRACTION TESTING	25OCT91	24SEP92
..4205A31230*	5	5	0 S FS	0	PREPARE TS REPORT	18DEC92	24DEC92
4205A31230	5	5	0	42	PREPARE TS REPORT	18DEC92	24DEC92
..4205A31220*	10	10	0 P FS	0	COMPILE TEST RESULTS FROM TS	4DEC92	17DEC92
..4205A31240*	5	5	0 S FS	0	INTERNAL REVIEW OF TS REPORT	25DEC92	31DEC92
4205A31240	5	5	0	42	INTERNAL REVIEW OF TS REPORT	25DEC92	31DEC92
..4205A31230*	5	5	0 P FS	0	PREPARE TS REPORT	18DEC92	24DEC92
..4205A31250*	21	21	0 S FS	0	DOE REVIEW OF TREAT. STUDIES	26MAR93	23APR93
..4315A30118	15	15	0 S FS	0	EVAL ALT EFFECTIVENESS	1JAN93	21JAN93
4205A31250	21	21	0	42	DOE REVIEW OF TREAT. STUDIES	26MAR93	23APR93
..4205A02000	504	358	29 P FF	0	TREATABILITY STUDIES	18JAN91A	23APR93
..4205A31240*	5	5	0 P FS	0	INTERNAL REVIEW OF TS REPORT	25DEC92	31DEC92
..4315A40125	31	31	0 S FF	0	PREPARE INTERNAL DRAFT	12MAR93	23APR93
4205W31305	32	0	100	42	PREPARE TS WORK PLAN - VIT	17JUN91A	30JUL91A
..4205W31320	1	0	100 S FS	0	SUBMIT TS WORK PLAN TO WMCO - VIT	31JUL91A	31JUL91A
4205W31320	1	0	100	42	SUBMIT TS WORK PLAN TO WMCO - VIT	31JUL91A	31JUL91A
..4205W31305	32	0	100 P FS	0	PREPARE TS WORK PLAN - VIT	17JUN91A	30JUL91A

000287

ACTIVITY ID	ORIG DUR	REM DUR	%	CODE	ACTIVITY DESCRIPTION	LATE START	LATE FINISH
..4205W31325	21	14	33	S FS 0	WMCO REVIEW OF TS WORK PLAN - VIT	1AUG91A	30DEC91
4205W31325	21	14	33	42	WMCO REVIEW OF TS WORK PLAN - VIT	1AUG91A	30DEC91
..4205W31320	1	0	100	P FS 0	SUBMIT TS WORK PLAN TO WMCO - VIT	31JUL91A	31JUL91A
..4205W31330*	15	15	0	S FS 0	INCORPORATE WMCO COMMENTS - VIT	31DEC91	20JAN92
4205W31330	15	15	0	42	INCORPORATE WMCO COMMENTS - VIT	31DEC91	20JAN92
..4205W31325*	21	14	33	P FS 0	WMCO REVIEW OF TS WORK PLAN - VIT	1AUG91A	30DEC91
..4205W31340*	1	1	0	S FS 0	SUBMIT REV TS WORK PLAN TO DOE/WMCO/ASI - VIT	21JAN92	21JAN92
4205W31340	1	1	0	42	SUBMIT REV TS WORK PLAN TO DOE/WMCO/ASI - VIT	21JAN92	21JAN92
..4205W31330*	15	15	0	P FS 0	INCORPORATE WMCO COMMENTS - VIT	31DEC91	20JAN92
..4205W31345*	21	21	0	S FS 0	DOE/WMCO/ASI REVIEW OF REVISED WORK PLAN - VIT	22JAN92	19FEB92
4205W31345	21	21	0	42	DOE/WMCO/ASI REVIEW OF REVISED WORK PLAN - VIT	22JAN92	19FEB92
..4205W31340*	1	1	0	P FS 0	SUBMIT REV TS WORK PLAN TO DOE/WMCO/ASI - VIT	21JAN92	21JAN92
..4205W31350*	15	15	0	S FS 0	INCORPORATE COMMENTS TO REVISED WP - VIT	20FEB92	11MAR92
4205W31350	15	15	0	42	INCORPORATE COMMENTS TO REVISED WP - VIT	20FEB92	11MAR92
..4205W31345*	21	21	0	P FS 0	DOE/WMCO/ASI REVIEW OF REVISED WORK PLAN - VIT	22JAN92	19FEB92
..4205W31355*	1	1	0	S FS 0	SUBMIT REVISED TS WORK PLAN TO DOE/WMCO - VIT	12MAR92	12MAR92
4205W31355	1	1	0	42	SUBMIT REVISED TS WORK PLAN TO DOE/WMCO - VIT	12MAR92	12MAR92
..4205W31350*	15	15	0	P FS 0	INCORPORATE COMMENTS TO REVISED WP - VIT	20FEB92	11MAR92
..4205W31360*	1	1	0	S FS 0	SUBMIT TS WORK PLAN TO EPA - VIT	13MAR92	13MAR92
4205W31360	1	1	0	42	SUBMIT TS WORK PLAN TO EPA - VIT	13MAR92	13MAR92
..4205W31355*	1	1	0	P FS 0	SUBMIT REVISED TS WORK PLAN TO DOE/WMCO - VIT	12MAR92	12MAR92
..4205W31370*	21	21	0	S FS 0	EPA REVIEW OF TS WORK PLAN - VIT	16MAR92	13APR92
4205W31370	21	21	0	42	EPA REVIEW OF TS WORK PLAN - VIT	16MAR92	13APR92
..4205W31360*	1	1	0	P FS 0	SUBMIT TS WORK PLAN TO EPA - VIT	13MAR92	13MAR92
..4205W31380*	15	15	0	S FS 0	INCORPORATE EPA COMMENTS - VIT	14APR92	4MAY92
4205W31380	15	15	0	42	INCORPORATE EPA COMMENTS - VIT	14APR92	4MAY92
..4205W31370*	21	21	0	P FS 0	EPA REVIEW OF TS WORK PLAN - VIT	16MAR92	13APR92
..4205W31385*	5	5	0	S FS 0	DOE/WMCO REVIEW OF FINAL TS WORK PLAN - VIT	5MAY92	11MAY92
4205W31385	5	5	0	42	DOE/WMCO REVIEW OF FINAL TS WORK PLAN - VIT	5MAY92	11MAY92
..4205W31380*	15	15	0	P FS 0	INCORPORATE EPA COMMENTS - VIT	14APR92	4MAY92
..4205W31390*	1	1	0	S FS 0	SUBMIT FINAL WORK PLAN TO EPA - VIT	12MAY92	12MAY92
4205W31390	1	1	0	42	SUBMIT FINAL WORK PLAN TO EPA - VIT	12MAY92	12MAY92
..4205W31385*	5	5	0	P FS 0	DOE/WMCO REVIEW OF FINAL TS WORK PLAN - VIT	5MAY92	11MAY92
..4205W31395*	21	21	0	S FS 0	EPA REVIEW OF FINAL TS WORK PLAN	13MAY92	10JUN92

ACTIVITY ID	ORIG DUR	REM DUR	%	CODE	ACTIVITY DESCRIPTION	LATE START	LATE FINISH
TREATABILITY STUDIES							
4205W31395	21	21	0	42	EPA REVIEW OF FINAL TS WORK PLAN	13MAY92	10JUN92
..4205W31390*	1	1	0 P FS	0	SUBMIT FINAL WORK PLAN TO EPA - VIT	12MAY92	12MAY92
..4205W31400*	1	1	0 S FS	0	EPA APPROVAL OF TS WORK PLAN - VIT	11JUN92	11JUN92
4205W31400	1	1	0	42	EPA APPROVAL OF TS WORK PLAN - VIT	11JUN92	11JUN92
..4205W31395*	21	21	0 P FS	0	EPA REVIEW OF FINAL TS WORK PLAN	13MAY92	10JUN92
..4205W31405*	147	147	0 S FS	0	CONDUCT TREATABILITY STUDY - VIT	12JUN92	4JAN93
4205W31402	10	10	0	42	SHIP RESIDUE TO SUBCONTRACTOR	29MAY92	11JUN92
..4203A21544*	30	13	57 P FS	0	K-65 CONTENT SAMPLING OU4	12JUL91A	28AUG91
..4205W31405	147	147	0 S FS	0	CONDUCT TREATABILITY STUDY - VIT	12JUN92	4JAN93
4205W31405	147	147	0	42	CONDUCT TREATABILITY STUDY - VIT	12JUN92	4JAN93
..4205W31400*	1	1	0 P FS	0	EPA APPROVAL OF TS WORK PLAN - VIT	11JUN92	11JUN92
..4205W31402	10	10	0 P FS	0	SHIP RESIDUE TO SUBCONTRACTOR	29MAY92	11JUN92
..4205W31410*	10	10	0 S FS	0	COMPILE TEST RESULTS FROM TS - VIT	5JAN93	18JAN93
4205W31410	10	10	0	42	COMPILE TEST RESULTS FROM TS - VIT	5JAN93	18JAN93
..4205W31405*	147	147	0 P FS	0	CONDUCT TREATABILITY STUDY - VIT	12JUN92	4JAN93
..4205W31415*	21	21	0 S FS	0	PREPARE TS REPORT - VIT	19JAN93	16FEB93
4205W31415	21	21	0	42	PREPARE TS REPORT - VIT	19JAN93	16FEB93
..4205W31410*	10	10	0 P FS	0	COMPILE TEST RESULTS FROM TS - VIT	5JAN93	18JAN93
..4205W31417*	1	1	0 S FS	0	TRANSMIT TS REPORT TO WMCO - VIT	17FEB93	17FEB93
4205W31417	1	1	0	42	TRANSMIT TS REPORT TO WMCO - VIT	17FEB93	17FEB93
..4205W31415*	21	21	0 P FS	0	PREPARE TS REPORT - VIT	19JAN93	16FEB93
..4205W31420*	21	21	0 S FS	0	WMCO REVIEW OF TS - VIT	18FEB93	18MAR93
4205W31420	21	21	0	42	WMCO REVIEW OF TS - VIT	18FEB93	18MAR93
..4205W31417*	1	1	0 P FS	0	TRANSMIT TS REPORT TO WMCO - VIT	17FEB93	17FEB93
..4205W31425*	15	15	0 S FS	0	INCORPORATE WMCO COMMENTS TO TS REPORT - VIT	19MAR93	8APR93
4205W31425	15	15	0	42	INCORPORATE WMCO COMMENTS TO TS REPORT - VIT	19MAR93	8APR93
..4205W31420*	21	21	0 P FS	0	WMCO REVIEW OF TS - VIT	18FEB93	18MAR93
..4205W31430*	1	1	0 S FS	0	SUBMIT REVISED TS REPORT TO WMCO - VIT	9APR93	9APR93
4205W31430	1	1	0	42	SUBMIT REVISED TS REPORT TO WMCO - VIT	9APR93	9APR93
.4205W31425*	15	15	0 P FS	0	INCORPORATE WMCO COMMENTS TO TS REPORT - VIT	19MAR93	8APR93
.4205W31432*	10	10	0 S FS	0	WMCO FINAL REVIEW/APPROVAL OF TS REPORT - VIT	12APR93	23APR93
4205W31432	10	10	0	42	WMCO FINAL REVIEW/APPROVAL OF TS REPORT - VIT	12APR93	23APR93
.4205A02000*	504	358	29 P FF	0	TREATABILITY STUDIES	18JAN91A	23APR93
.4205W31430*	1	1	0 P FS	0	SUBMIT REVISED TS REPORT TO WMCO - VIT	9APR93	9APR93

ACTIVITY ID	ORIG DUR	REM DUR	%	CODE	ACTIVITY DESCRIPTION	LATE START	LATE FINISH
..4315A40125	31	31	0	S FF 0	PREPARE INTERNAL DRAFT	12MAR93	23APR93
REMEDIAL INVESTIGATION							
4206A25001	0	0	0	42	START OU4 RI	1MAY92	
..4206A25102*	5	5	0	P SS 0	OBTAIN VALIDATED FIELD DATA	1MAY92	7MAY92
..4206A25103*	80	80	0	S FS 0	REVISE SITE CHARACTR/DATA ANALYSIS	22MAY92	10SEP92
..4316A82101*	60	60	0	S SS 0	INTEGRATE EXISTING OU FS RA's	1MAY92	23JUL92
4206A25102	5	5	0	42	OBTAIN VALIDATED FIELD DATA	1MAY92	7MAY92
..4203A19999*	5	5	0	P FF 0	DATA BASE ENTRY	1MAY92	7MAY92
..4203A20999	5	5	0	P FF 0	DATA BASE ENTRY	1MAY92	7MAY92
..4203A21999	5	5	0	P FF 0	DATA BASE ENTRY	1MAY92	7MAY92
..4206A25001*	0	0	0	S SS 0	START OU4 RI	1MAY92	
4206A25103	80	80	0	42	REVISE SITE CHARACTR/DATA ANALYSIS	22MAY92	10SEP92
..4206A25001*	0	0	0	P FS 0	START OU4 RI	1MAY92	
..4206A02100*	183	183	0	S SS 0	REMEDIAL INVESTIGATION REPORT PREPARATION	22MAY92	18DEC92
..4206A25104*	15	15	0	S FS 0	PREPARE INTERNAL DRAFT RI REPORT	11SEP92	1OCT92
4206A25104	15	15	0	42	PREPARE INTERNAL DRAFT RI REPORT	11SEP92	1OCT92
..4206A25103*	80	80	0	P FS 0	REVISE SITE CHARACTR/DATA ANALYSIS	22MAY92	10SEP92
..4206A25105*	5	5	0	S FS 0	INTERNAL PEER REVIEW	7DEC92	11DEC92
..4315A30101*	40	40	0	S FS 0	REVISE ALTERNATIVES	2OCT92	26NOV92
4206A25105	5	5	0	42	INTERNAL PEER REVIEW	7DEC92	11DEC92
..4204A81150	7	7	0	P FS 0	INTERNAL REVIEW OF RA CHAPTER/APP	26NOV92	4DEC92
..4206A25104*	15	15	0	P FS 0	PREPARE INTERNAL DRAFT RI REPORT	11SEP92	1OCT92
..4206A25110	5	5	0	S FS 0	INCORP INTERNAL OU4 RI COMMENTS	14DEC92	18DEC92
4206A25110	5	5	0	42	INCORP INTERNAL OU4 RI COMMENTS	14DEC92	18DEC92
..0206A68613*	21	21	0	P FF 0	INCORPORATE EPA COMMENTS	2ONOV92	18DEC92
..4206A02100*	183	183	0	P FF 0	REMEDIAL INVESTIGATION REPORT PREPARATION	22MAY92	18DEC92
..4206A25105	5	5	0	P FS 0	INTERNAL PEER REVIEW	7DEC92	11DEC92
..4206A25501*	1	1	0	S FS 0	SUBMIT TO DOE	21DEC92	21DEC92
..4206A25505	21	21	0	S FS 0	DOE/WMCO REVIEW AND COMMENT	22DEC92	19JAN93
4206A25501	1	1	0	42	SUBMIT TO DOE	21DEC92	21DEC92
..4206A25110*	5	5	0	P FS 0	INCORP INTERNAL OU4 RI COMMENTS	14DEC92	18DEC92
..4206A01010*	0	0	0	S SS 0	DELIVER DRAFT OU4 RI TO DOE	22DEC92	
..4206A02500*	85	85	0	S SS 0	DOE RI REVIEW/REVISE/APPROVE	21DEC92	16APR93
..4206A25505*	21	21	0	S FS 0	DOE/WMCO REVIEW AND COMMENT	22DEC92	19JAN93
4206A25505	21	21	0	42	DOE/WMCO REVIEW AND COMMENT	22DEC92	19JAN93
..4206A01010	0	0	0	P FS 0	DELIVER DRAFT OU4 RI TO DOE	22DEC92	
..4206A25110	5	5	0	P FS 0	INCORP INTERNAL OU4 RI COMMENTS	14DEC92	18DEC92

ACTIVITY ID	ORIG DUR	REM DUR	%		CODE	ACTIVITY DESCRIPTION	LATE START	LATE FINISH
..4206A25501*	1	1	0	P FS	0	SUBMIT TO DOE	21DEC92	21DEC92
..4206A25508*	15	15	0	S FS	0	INCORPORATE DOE/WMCO COMMENTS	20JAN93	9FEB93
4206A25508	15	15	0		42	INCORPORATE DOE/WMCO COMMENTS	20JAN93	9FEB93
..4206A25505*	21	21	0	P FS	0	DOE/WMCO REVIEW AND COMMENT	22DEC92	19JAN93
..4206A25509*	5	5	0	S FS	0	INTERNAL REVIEW OF REVISED DRAFT	10FEB93	16FEB93
4206A25509	5	5	0		42	INTERNAL REVIEW OF REVISED DRAFT	10FEB93	16FEB93
..4206A25508*	15	15	0	P FS	0	INCORPORATE DOE/WMCO COMMENTS	20JAN93	9FEB93
..4206A25510*	1	1	0	S FS	0	SUBMIT REVISED DRAFT TO DOE	17FEB93	17FEB93
4206A25510	1	1	0		42	SUBMIT REVISED DRAFT TO DOE	17FEB93	17FEB93
..4206A25509*	5	5	0	P FS	0	INTERNAL REVIEW OF REVISED DRAFT	10FEB93	16FEB93
..4206A25525*	21	21	0	S FS	0	EM-1 REVIEW AND COMMENT	18FEB93	18MAR93
4206A25525	21	21	0		42	EM-1 REVIEW AND COMMENT	18FEB93	18MAR93
..4206A25510*	1	1	0	P FS	0	SUBMIT REVISED DRAFT TO DOE	17FEB93	17FEB93
..4206A25530*	21	21	0	S FS	0	INCORPORATE EM-1 COMMENTS	19MAR93	16APR93
4206A25530	21	21	0		42	INCORPORATE EM-1 COMMENTS	19MAR93	16APR93
..4206A02500*	85	85	0	P FF	0	DOE RI REVIEW/REVISE/APPROVE	21DEC92	16APR93
..4206A25525*	21	21	0	P FS	0	EM-1 REVIEW AND COMMENT	18FEB93	18MAR93
..4206A25601*	1	1	0	S FS	0	SUBMIT RI TO EPA	19APR93	19APR93
4206A25601	1	1	0		42	SUBMIT RI TO EPA	19APR93	19APR93
.4206A25530*	21	21	0	P FS	0	INCORPORATE EM-1 COMMENTS	19MAR93	16APR93
.4206A01050*	0	0	0	S FF	0	DELIVER OU4 RI TO EPA		19APR93
.4206A25610*	42	42	0	S FS	0	EPA REVIEW & COMMENT - OU4 RI	20APR93	16JUN93
4206A25610	42	42	0		42	EPA REVIEW & COMMENT - OU4 RI	20APR93	16JUN93
.4206A01050*	0	0	0	P FS	0	DELIVER OU4 RI TO EPA		19APR93
.4206A25601*	1	1	0	P FS	0	SUBMIT RI TO EPA	19APR93	19APR93
.4206A02600*	84	84	0	S SS	0	EPA RI REVIEW & APPROVE	20APR93	13AUG93
.4206A25620*	21	21	0	S FS	0	INCORPORATE EPA COMMENTS	17JUN93	15JUL93
4206A25620	21	21	0		42	INCORPORATE EPA COMMENTS	17JUN93	15JUL93
.4206A25610*	42	42	0	P FS	0	EPA REVIEW & COMMENT - OU4 RI	20APR93	16JUN93
.4206A25625*	21	21	0	S FS	0	EPA REVIEW AND APPROVE	16JUL93	13AUG93
4206A25625	21	21	0		42	EPA REVIEW AND APPROVE	16JUL93	13AUG93
.4206A02600*	84	84	0	P FF	0	EPA RI REVIEW & APPROVE	20APR93	13AUG93
.4206A25620*	21	21	0	P FS	0	INCORPORATE EPA COMMENTS	17JUN93	15JUL93
.4206A25710*	12	12	0	S FS	0	INCORPORATE FINAL EPA COMMENTS	16AUG93	31AUG93

ACTIVITY ID	ORIG DUR	REM DUR	%	CODE	ACTIVITY DESCRIPTION	LATE START	LATE FINISH
REMEDIAL INVESTIGATION							
4206A25710	12	12	0	42	INCORPORATE FINAL EPA COMMENTS	16AUG93	31AUG93
..4206A25625*	21	21	0	P FS 0	EPA REVIEW AND APPROVE	16JUL93	13AUG93
..4206A02700*	20	20	0	S SS 0	PRINT AND DISTRIBUTE FINAL RI REPORT	16AUG93	10SEP93
..4206A25715*	3	3	0	S FS 0	INTERNAL REVIEW	1SEP93	3SEP93
4206A25715	3	3	0	42	INTERNAL REVIEW	1SEP93	3SEP93
..4206A25710*	12	12	0	P FS 0	INCORPORATE FINAL EPA COMMENTS	16AUG93	31AUG93
..4206A25720*	5	5	0	S FS 0	PRINT AND DISTRIBUTE FINAL REPORT	6SEP93	10SEP93
4206A25720	5	5	0	42	PRINT AND DISTRIBUTE FINAL REPORT	6SEP93	10SEP93
..4206A02700*	20	20	0	P FF 0	PRINT AND DISTRIBUTE FINAL RI REPORT	16AUG93	10SEP93
..4206A25715*	3	3	0	P FS 0	INTERNAL REVIEW	1SEP93	3SEP93
..4315A41605	1	1	0	S FF 0	SUBMIT EPA DRAFT FS/PP	10SEP93	10SEP93
INITIAL SCREENING OF ALTERNATIVES							
4312A09100	0	0	100	43	INITIAL SCREENING OF ALTERNATIVES		31OCT90A
..4315A30101	40	40	0	S FS 0	REVISE ALTERNATIVES	20CT92	26NOV92
DETAILED ANALYSIS/COMP ANALYSIS							
4315A30101	40	40	0	43	REVISE ALTERNATIVES	20CT92	26NOV92
..4206A25104*	15	15	0	P FS 0	PREPARE INTERNAL DRAFT RI REPORT	11SEP92	1OCT92
..4312A09100	0	0	100	P FS 0	INITIAL SCREENING OF ALTERNATIVES		31OCT90A
..4315A30102	1	1	0	P FS 0	ARARS IDENTIFICATION	1OCT92	1OCT92
..4315A02100*	238	238	0	S SS 0	FEASIBILITY STUDY/PROP. PLN. REPORT PREPARATION	20CT92	14MAY93
..4315A30103	30	30	0	S SS 0	PERFORM F/T MODELING	9OCT92	19NOV92
..4315A30115*	10	10	0	S FS 0	REVISE ALT DESCRIPTION	18DEC92	31DEC92
..4315A30123*	40	40	0	S FS 0	REVISE ALT COST ESTIMATE	27NOV92	21JAN93
4315A30102	1	1	0	43	ARARS IDENTIFICATION	1OCT92	1OCT92
..4315A30101	40	40	0	S FS 0	REVISE ALTERNATIVES	20CT92	26NOV92
..4315A40125	31	31	0	S FS 0	PREPARE INTERNAL DRAFT	12MAR93	23APR93
4315A30103	30	30	0	43	PERFORM F/T MODELING	9OCT92	19NOV92
..4205A31210*	240	240	0	P FS 10	STABILIZATION/EXTRACTION TESTING	25OCT91	24SEP92
..4315A30101	40	40	0	P SS 0	REVISE ALTERNATIVES	20CT92	26NOV92
..4315A30105*	30	30	0	S FS 0	EVAL EXP/RISK/TOXICITY	20NOV92	31DEC92
4315A30105	30	30	0	43	EVAL EXP/RISK/TOXICITY	20NOV92	31DEC92
..4315A30103*	30	30	0	P FS 0	PERFORM F/T MODELING	9OCT92	19NOV92
..4315A30108*	15	15	0	S SS 0	EVAL EXPOSURE DURING REM.	11DEC92	31DEC92
..4315A30111*	20	20	0	S FS 0	PREPARE FS-RA APPENDIX	15JAN93	11FEB93
..4315A30118*	15	15	0	S FS 0	EVAL ALT EFFECTIVENESS	1JAN93	21JAN93
..4315A30125*	30	30	0	S FF 0	NEPA ANALYSIS	4DEC92	14JAN93

ACTIVITY ID	ORIG DUR	REM DUR	%	CODE	ACTIVITY DESCRIPTION	LATE START	LATE FINISH
DETAILED ANALYSIS/COMP ANALYSIS							
4315A30108	15	15	0	43	EVAL EXPOSURE DURING REM.	11DEC92	31DEC92
..4315A30105*	30	30	0 P SS	0	EVAL EXP/RISK/TOXICITY	20NOV92	31DEC92
..4315A30118	15	15	0 S FS	0	EVAL ALT EFFECTIVENESS	1JAN93	21JAN93
4315A30111	20	20	0	43	PREPARE FS-RA APPENDIX	15JAN93	11FEB93
..4315A30105*	30	30	0 P FS	0	EVAL EXP/RISK/TOXICITY	20NOV92	31DEC92
..4315A30113*	10	10	0 S FS	0	INTERNAL REVIEW OF FS-RA	12FEB93	25FEB93
4315A30113	10	10	0	43	INTERNAL REVIEW OF FS-RA	12FEB93	25FEB93
..4315A30111*	20	20	0 P FS	0	PREPARE FS-RA APPENDIX	15JAN93	11FEB93
..4315A30131	15	15	0 S FS	0	PREPARE DAA CHAPTER	26FEB93	18MAR93
4315A30114	5	5	0	43	EVALUATE ETPSF IMPACTS	15JAN93	21JAN93
..4315A30115*	10	10	0 P SS	0	REVISE ALT DESCRIPTION	18DEC92	31DEC92
..4315A30128	25	25	0 S FS	0	COMPARATIVE ANALYSIS	22JAN93	25FEB93
4315A30115	10	10	0	43	REVISE ALT DESCRIPTION	18DEC92	31DEC92
..4315A30101*	40	40	0 P FS	0	REVISE ALTERNATIVES	2OCT92	26NOV92
..4315A30114*	5	5	0 S SS	0	EVALUATE ETPSF IMPACTS	15JAN93	21JAN93
..4315A30118	15	15	0 S FS	0	EVAL ALT EFFECTIVENESS	1JAN93	21JAN93
4315A30118	15	15	0	43	EVAL ALT EFFECTIVENESS	1JAN93	21JAN93
..4205A31240	5	5	0 P FS	0	INTERNAL REVIEW OF TS REPORT	25DEC92	31DEC92
..4315A30105*	30	30	0 P FS	0	EVAL EXP/RISK/TOXICITY	20NOV92	31DEC92
..4315A30108	15	15	0 P FS	0	EVAL EXPOSURE DURING REM.	11DEC92	31DEC92
..4315A30115	10	10	0 P FS	0	REVISE ALT DESCRIPTION	18DEC92	31DEC92
..4315A30121*	15	15	0 S SS	0	EVAL ALT IMPLEMENTABILITY	1JAN93	21JAN93
..4315A30128*	25	25	0 S FS	0	COMPARATIVE ANALYSIS	22JAN93	25FEB93
4315A30121	15	15	0	43	EVAL ALT IMPLEMENTABILITY	1JAN93	21JAN93
..4315A30118*	15	15	0 P SS	0	EVAL ALT EFFECTIVENESS	1JAN93	21JAN93
..4315A30128*	25	25	0 S FS	0	COMPARATIVE ANALYSIS	22JAN93	25FEB93
4315A30123	40	40	0	43	REVISE ALT COST ESTIMATE	27NOV92	21JAN93
..4315A30101*	40	40	0 P FS	0	REVISE ALTERNATIVES	2OCT92	26NOV92
..4315A30128	25	25	0 S FS	0	COMPARATIVE ANALYSIS	22JAN93	25FEB93
4315A30125	30	30	0	43	NEPA ANALYSIS	4DEC92	14JAN93
..4315A30105*	30	30	0 P FF	0	EVAL EXP/RISK/TOXICITY	20NOV92	31DEC92
..4315A30127*	5	5	0 S FS	0	DOE/HQ EA-EIS KEY DECISION POINT	15JAN93	21JAN93
..4315A30131	15	15	0 S FS	0	PREPARE DAA CHAPTER	26FEB93	18MAR93
..4315A40120	15	15	0 S FS	0	PREPARE NEPA ANALYSIS CHAPTER	12MAR93	1APR93

ACTIVITY ID	ORIG DUR	REM DUR	%	CODE	ACTIVITY DESCRIPTION	LATE START	LATE FINISH
DETAILED ANALYSIS/COMP ANALYSIS							
4315A30127	5	5	0	43	DOE/HQ EA-EIS KEY DECISION POINT	15JAN93	21JAN93
..4315A30125*	30	30	0 P FS	0	NEPA ANALYSIS	4DEC92	14JAN93
..4315A30128	25	25	0 S FS	0	COMPARATIVE ANALYSIS	22JAN93	25FEB93
4315A30128	25	25	0	43	COMPARATIVE ANALYSIS	22JAN93	25FEB93
..4315A30114	5	5	0 P FS	0	EVALUATE ETPSF IMPACTS	15JAN93	21JAN93
..4315A30118*	15	15	0 P FS	0	EVAL ALT EFFECTIVENESS	1JAN93	21JAN93
..4315A30121*	15	15	0 P FS	0	EVAL ALT IMPLEMENTABILITY	1JAN93	21JAN93
..4315A30123	40	40	0 P FS	0	REVISE ALT COST ESTIMATE	27NOV92	21JAN93
..4315A30127	5	5	0 P FS	0	DOE/HQ EA-EIS KEY DECISION POINT	15JAN93	21JAN93
..4316A82111	40	40	0 P FS	0	DRAFT CUMULATIVE FS RA APPENDIX	27NOV92	21JAN93
..4315A30131*	15	15	0 S FS	0	PREPARE DAA CHAPTER	26FEB93	18MAR93
4315A30131	15	15	0	43	PREPARE DAA CHAPTER	26FEB93	18MAR93
..4315A30113	10	10	0 P FS	0	INTERNAL REVIEW OF FS-RA	12FEB93	25FEB93
..4315A30125	30	30	0 P FS	0	NEPA ANALYSIS	4DEC92	14JAN93
..4315A30128*	25	25	0 P FS	0	COMPARATIVE ANALYSIS	22JAN93	25FEB93
..4315A40001*	0	0	0 S SS	0	PROGRAMATIC DECISION POINT	26FEB93	
FEASIBILITY STUDY							
4315A40001	0	0	0	43	PROGRAMATIC DECISION POINT	26FEB93	
..4315A30131*	15	15	0 P SS	0	PREPARE DAA CHAPTER	26FEB93	18MAR93
..4315A40110*	10	10	0 S FS	0	PREPARE QA APPENDIX	12MAR93	25MAR93
..4315A40120*	15	15	0 S FS	0	PREPARE NEPA ANALYSIS CHAPTER	12MAR93	1APR93
..4315A41201*	36	36	0 S FS	0	PREPARE INTERNAL DRAFT PROPOSED PLAN	26FEB93	16APR93
4315A40110	10	10	0	43	PREPARE QA APPENDIX	12MAR93	25MAR93
..4315A40001*	0	0	0 P FS	0	PROGRAMATIC DECISION POINT	26FEB93	
..4315A40125*	31	31	0 S SS	0	PREPARE INTERNAL DRAFT	12MAR93	23APR93
4315A40120	15	15	0	43	PREPARE NEPA ANALYSIS CHAPTER	12MAR93	1APR93
..4315A30125	30	30	0 P FS	0	NEPA ANALYSIS	4DEC92	14JAN93
..4315A40001*	0	0	0 P FS	0	PROGRAMATIC DECISION POINT	26FEB93	
..4315A40125*	31	31	0 S SS	0	PREPARE INTERNAL DRAFT	12MAR93	23APR93
4315A40125	31	31	0	43	PREPARE INTERNAL DRAFT	12MAR93	23APR93
..4205A31250	21	21	0 P FF	0	DOE REVIEW OF TREAT. STUDIES	26MAR93	23APR93
..4205W31432	10	10	0 P FF	0	WMCO FINAL REVIEW/APPROVAL OF TS REPORT - VIT	12APR93	23APR93
..4315A30102	1	1	0 P FS	0	ARARS IDENTIFICATION	1OCT92	1OCT92
..4315A40110*	10	10	0 P SS	0	PREPARE QA APPENDIX	12MAR93	25MAR93
..4315A40120*	15	15	0 P SS	0	PREPARE NEPA ANALYSIS CHAPTER	12MAR93	1APR93
..4315A40130*	5	5	0 S FS	0	INTERNAL REVIEW	26APR93	30APR93

ACTIVITY ID	ORIG DUR	REM DUR	%	CODE	ACTIVITY DESCRIPTION	LATE START	LATE FINISH
FEASIBILITY STUDY							
4315A40130	5	5	0	43	INTERNAL REVIEW	26APR93	30APR93
..4315A40125*	31	31	0	P FS 0	PREPARE INTERNAL DRAFT	12MAR93	23APR93
..4315A40131*	10	10	0	S FS 0	INCORPORATE INTERNAL REVIEW COMMENTS	3MAY93	14MAY93
4315A40131	10	10	0	43	INCORPORATE INTERNAL REVIEW COMMENTS	3MAY93	14MAY93
..4315A40130*	5	5	0	P FS 0	INTERNAL REVIEW	26APR93	30APR93
..4315A41501	1	1	0	S FS 0	SUBMIT DRAFT FS/PP TO DOE/WMCO	17MAY93	17MAY93
PROPOSED PLAN							
4315A41201	36	36	0	43	PREPARE INTERNAL DRAFT PROPOSED PLAN	26FEB93	16APR93
..4315A40001*	0	0	0	P FS 0	PROGRAMATIC DECISION POINT	26FEB93	
..4315A41202*	10	10	0	S FS 0	COMMUNITY REL. REVIEW & COMMENT	19APR93	30APR93
..4315A41203*	5	5	0	S FS 0	INTERNAL REVIEW	19APR93	23APR93
4315A41202	10	10	0	43	COMMUNITY REL. REVIEW & COMMENT	19APR93	30APR93
..4315A41201*	36	36	0	P FS 0	PREPARE INTERNAL DRAFT PROPOSED PLAN	26FEB93	16APR93
..4315A41203*	5	5	0	S SS 0	INTERNAL REVIEW	19APR93	23APR93
4315A41203	5	5	0	43	INTERNAL REVIEW	19APR93	23APR93
..4315A41201*	36	36	0	P FS 0	PREPARE INTERNAL DRAFT PROPOSED PLAN	26FEB93	16APR93
..4315A41202*	10	10	0	P SS 0	COMMUNITY REL. REVIEW & COMMENT	19APR93	30APR93
..4315A41208*	15	15	0	S FS 0	INCORPORATE FS/PP INTERNAL REVIEW COMMENTS	26APR93	14MAY93
4315A41208	15	15	0	43	INCORPORATE FS/PP INTERNAL REVIEW COMMENTS	26APR93	14MAY93
..4315A02100*	238	238	0	P FF 0	FEASIBILITY STUDY/PROP. PLN. REPORT PREPARATION	2OCT92	14MAY93
..4315A41203*	5	5	0	P FS 0	INTERNAL REVIEW	19APR93	23APR93
..4315A41501*	1	1	0	S FS 0	SUBMIT DRAFT FS/PP TO DOE/WMCO	17MAY93	17MAY93
4315A41501	1	1	0	43	SUBMIT DRAFT FS/PP TO DOE/WMCO	17MAY93	17MAY93
..4315A40131	10	10	0	P FS 0	INCORPORATE INTERNAL REVIEW COMMENTS	3MAY93	14MAY93
..4315A41208*	15	15	0	P FS 0	INCORPORATE FS/PP INTERNAL REVIEW COMMENTS	26APR93	14MAY93
..4315A02500*	84	84	0	S SS 0	DOE FS/PP REVIEW/REVISE/APPROVE	17MAY93	9SEP93
..4315A41504*	21	21	0	S FS 0	DOE/WMCO REVIEW & COMMENT	18MAY93	15JUN93
..4319A50060*	42	42	0	S FS 0	PREPARE DECISION SUMMARY	6JAN94	4MAR94
4315A41504	21	21	0	43	DOE/WMCO REVIEW & COMMENT	18MAY93	15JUN93
..4315A41501*	1	1	0	P FS 0	SUBMIT DRAFT FS/PP TO DOE/WMCO	17MAY93	17MAY93
..4315A41516*	15	15	0	S FS 0	INCORPORATE DOE/WMCO COMMENTS	16JUN93	6JUL93
4315A41516	15	15	0	43	INCORPORATE DOE/WMCO COMMENTS	16JUN93	6JUL93
..4315A41504*	21	21	0	P FS 0	DOE/WMCO REVIEW & COMMENT	18MAY93	15JUN93
..4315A41517*	5	5	0	S FS 0	INTERNAL REVIEW	7JUL93	13JUL93

ACTIVITY ID	ORIG DUR	REM DUR	%	CODE	ACTIVITY DESCRIPTION	LATE START	LATE FINISH
PROPOSED PLAN							
4315A41517	5	5	0	43	INTERNAL REVIEW	7JUL93	13JUL93
..4315A41516*	15	15	0 P FS	0	INCORPORATE DOE/WMCO COMMENTS	16JUN93	6JUL93
..4315A41532*	21	21	0 S FS	0	EM-1 REVIEW AND COMMENT	14JUL93	11AUG93
4315A41532	21	21	0	43	EM-1 REVIEW AND COMMENT	14JUL93	11AUG93
..4315A41517*	5	5	0 P FS	0	INTERNAL REVIEW	7JUL93	13JUL93
..4315A41535*	21	21	0 S FS	0	INCORPORATE EM-1 COMMENTS	12AUG93	9SEP93
4315A41535	21	21	0	43	INCORPORATE EM-1 COMMENTS	12AUG93	9SEP93
..4315A02500*	84	84	0 P FF	0	DOE FS/PP REVIEW/REVISE/APPROVE	17MAY93	9SEP93
..4315A41532*	21	21	0 P FS	0	EM-1 REVIEW AND COMMENT	14JUL93	11AUG93
..4315A41605*	1	1	0 S FS	0	SUBMIT EPA DRAFT FS/PP	10SEP93	10SEP93
4315A41605	1	1	0	43	SUBMIT EPA DRAFT FS/PP	10SEP93	10SEP93
..4206A25720	5	5	0 P FF	0	PRINT AND DISTRIBUTE FINAL REPORT	6SEP93	10SEP93
..4315A41535*	21	21	0 P FS	0	INCORPORATE EM-1 COMMENTS	12AUG93	9SEP93
..4315A02600*	86	86	0 S SS	0	EPA FS/PP REVIEW/REVISE/APPROVE	10SEP93	7JAN94
..4315A41606*	42	42	0 S FS	0	EPA REVIEW & COMMENT	13SEP93	9NOV93
4315A41606	42	42	0	43	EPA REVIEW & COMMENT	13SEP93	9NOV93
..4315A41605*	1	1	0 P FS	0	SUBMIT EPA DRAFT FS/PP	10SEP93	10SEP93
..4315A41607*	15	15	0 S FS	0	INCORPORATE EPA COMMENTS	10NOV93	30NOV93
..4317A42101*	15	15	0 S SS	0	DRAFT NOTICE OF AVAILABILITY (NOA)	4OCT93	22OCT93
4315A41607	15	15	0	43	INCORPORATE EPA COMMENTS	10NOV93	30NOV93
..4315A41606*	42	42	0 P FS	0	EPA REVIEW & COMMENT	13SEP93	9NOV93
..4315A41608*	5	5	0 S FS	0	INTERNAL REVIEW	1DEC93	7DEC93
4315A41608	5	5	0	43	INTERNAL REVIEW	1DEC93	7DEC93
..4315A41607*	15	15	0 P FS	0	INCORPORATE EPA COMMENTS	10NOV93	30NOV93
..4315A41609*	1	1	0 S FS	0	SUBMIT DRAFT FINAL REPORT TO DOE	8DEC93	8DEC93
4315A41609	1	1	0	43	SUBMIT DRAFT FINAL REPORT TO DOE	8DEC93	8DEC93
..4315A41608*	5	5	0 P FS	0	INTERNAL REVIEW	1DEC93	7DEC93
..4315A41615*	1	1	0 S FS	0	SUBMIT DRAFT FINAL REPORT TO EPA	9DEC93	9DEC93
4315A41615	1	1	0	43	SUBMIT DRAFT FINAL REPORT TO EPA	9DEC93	9DEC93
..4315A41609*	1	1	0 P FS	0	SUBMIT DRAFT FINAL REPORT TO DOE	8DEC93	8DEC93
..4315A41620*	21	21	0 S FS	0	EPA REVIEW & APPROVE	10DEC93	7JAN94
4315A41620	21	21	0	43	EPA REVIEW & APPROVE	10DEC93	7JAN94
..4315A02600*	86	86	0 P FF	0	EPA FS/PP REVIEW/REVISE/APPROVE	10SEP93	7JAN94
..4315A41615*	1	1	0 P FS	0	SUBMIT DRAFT FINAL REPORT TO EPA	9DEC93	9DEC93
..4315A41710*	12	12	0 S FS	0	INCORPORATE EPA FINAL COMMENTS	10JAN94	25JAN94

ACTIVITY ID	ORIG DUR	REM DUR	%	CODE	ACTIVITY DESCRIPTION	LATE START	LATE FINISH
PROPOSED PLAN							
4315A41710	12	12	0	43	INCORPORATE EPA FINAL COMMENTS	10JAN94	25JAN94
..4315A41620*	21	21	0	P FS 0	EPA REVIEW & APPROVE	10DEC93	7JAN94
..4315A02700*	20	20	0	S SS 0	PRINT AND DISTRIBUTE FINAL FS/PP REPORT	10JAN94	4FEB94
..4315A41712*	3	3	0	S FS 0	INTERNAL REVIEW OF FINAL FS/PP	26JAN94	28JAN94
..4319A50592	21	21	0	S FS 0	EM-1 REVIEW, REVISE & APPROVE	12MAY94	9JUN94
4315A41712	3	3	0	43	INTERNAL REVIEW OF FINAL FS/PP	26JAN94	28JAN94
..4315A41710*	12	12	0	P FS 0	INCORPORATE EPA FINAL COMMENTS	10JAN94	25JAN94
..4315A41713*	5	5	0	S FS 0	PRINT & DISTR. FINAL FS/PP	31JAN94	4FEB94
4315A41713	5	5	0	43	PRINT & DISTR. FINAL FS/PP	31JAN94	4FEB94
..4315A02700*	20	20	0	P FF 0	PRINT AND DISTRIBUTE FINAL FS/PP REPORT	10JAN94	4FEB94
..4315A41712*	3	3	0	P FS 0	INTERNAL REVIEW OF FINAL FS/PP	26JAN94	28JAN94
..4318A40020*	15	15	0	S FS 0	ISSUE NOTICE TO PUBLIC	7FEB94	25FEB94
FS RISK ASSESSMENT							
4316A82101	60	60	0	43	INTEGRATE EXISTING OU FS RA's	1MAY92	23JUL92
..4206A25001*	0	0	0	P SS 0	START OU4 RI	1MAY92	
..4316A82100*	190	190	0	S SS 0	PREPARE OU4 UPDATE CUMULATIVE FSRA	1MAY92	21JAN93
..4316A82103*	30	30	0	S FS 0	DETERMINE SITEWIDE RME	24JUL92	3SEP92
4316A82103	30	30	0	43	DETERMINE SITEWIDE RME	24JUL92	3SEP92
..4316A82101*	60	60	0	P FS 0	INTEGRATE EXISTING OU FS RA's	1MAY92	23JUL92
..4316A82105*	30	30	0	S FS 0	EVALUATE SITEWIDE CHEMICALS OF CONCERN	4SEP92	15OCT92
4316A82105	30	30	0	43	EVALUATE SITEWIDE CHEMICALS OF CONCERN	4SEP92	15OCT92
..4316A82103*	30	30	0	P FS 0	DETERMINE SITEWIDE RME	24JUL92	3SEP92
..4316A82108*	30	30	0	S FS 0	EVALUATE RISKS	16OCT92	26NOV92
4316A82108	30	30	0	43	EVALUATE RISKS	16OCT92	26NOV92
..4316A82105*	30	30	0	P FS 0	EVALUATE SITEWIDE CHEMICALS OF CONCERN	4SEP92	15OCT92
..4316A82111*	40	40	0	S FS 0	DRAFT CUMULATIVE FS RA APPENDIX	27NOV92	21JAN93
4316A82111	40	40	0	43	DRAFT CUMULATIVE FS RA APPENDIX	27NOV92	21JAN93
..4316A82100*	190	190	0	P FF 0	PREPARE OU4 UPDATE CUMULATIVE FSRA	1MAY92	21JAN93
..4316A82108*	30	30	0	P FS 0	EVALUATE RISKS	16OCT92	26NOV92
..4315A30128	25	25	0	S FS 0	COMPARATIVE ANALYSIS	22JAN93	25FEB93
DRAFT NOTICE OF AVAILABILITY							
4317A42101	15	15	0	43	DRAFT NOTICE OF AVAILABILITY (NOA)	4OCT93	22OCT93
..4315A41606*	42	42	0	P SS 0	EPA REVIEW & COMMENT	13SEP93	9NOV93
..4317A42103*	30	30	0	S FS 0	DOE/HQ REVIEW AND COMMENT ON NOA	25OCT93	3DEC93

ACTIVITY ID	ORIG DUR	REM DUR	%	CODE	ACTIVITY DESCRIPTION	LATE START	LATE FINISH
DRAFT NOTICE OF AVAILABILITY							
4317A42103	30	30	0	43	DOE/HQ REVIEW AND COMMENT ON NOA	25OCT93	3DEC93
..4317A42101*	15	15	0	P FS 0	DRAFT NOTICE OF AVAILABILITY (NOA)	4OCT93	22OCT93
..4317A42105*	15	15	0	S FS 0	INCORPORATE DOE NOA COMMENTS	6DEC93	24DEC93
4317A42105	15	15	0	43	INCORPORATE DOE NOA COMMENTS	6DEC93	24DEC93
..4317A42103*	30	30	0	P FS 0	DOE/HQ REVIEW AND COMMENT ON NOA	25OCT93	3DEC93
..4317A42107*	30	30	0	S FS 0	PRINT AND REPRODUCE NOA	27DEC93	4FEB94
4317A42107	30	30	0	43	PRINT AND REPRODUCE NOA	27DEC93	4FEB94
..4317A42105*	15	15	0	P FS 0	INCORPORATE DOE NOA COMMENTS	6DEC93	24DEC93
..4317A42109*	15	15	0	S FS 0	PUBLISH NOA	7FEB94	25FEB94
4317A42109	15	15	0	43	PUBLISH NOA	7FEB94	25FEB94
..4317A42107*	30	30	0	P FS 0	PRINT AND REPRODUCE NOA	27DEC93	4FEB94
..4318A40030	32	32	0	S FS 0	PUBLIC COMMENT PERIOD	28FEB94	12APR94
FEASIBILITY STUDY							
4318A40020	15	15	0	43	ISSUE NOTICE TO PUBLIC	7FEB94	25FEB94
..4315A41713*	5	5	0	P FS 0	PRINT & DISTR. FINAL FS/PP	31JAN94	4FEB94
..4318A02100*	68	68	0	S SS 0	PUBLIC COMMENT	7FEB94	11MAY94
..4318A40025*	32	32	0	S SS 0	EPA NEPA COORDINATOR EIS REVIEW	28FEB94	12APR94
..4318A40030*	32	32	0	S FS 0	PUBLIC COMMENT PERIOD	28FEB94	12APR94
4318A40025	32	32	0	43	EPA NEPA COORDINATOR EIS REVIEW	28FEB94	12APR94
..4318A40020*	15	15	0	P SS 0	ISSUE NOTICE TO PUBLIC	7FEB94	25FEB94
..4318A40100	21	21	0	S FS 0	EVAL & RESPOND TO PUBLIC COMMENTS	13APR94	11MAY94
4318A40030	32	32	0	43	PUBLIC COMMENT PERIOD	28FEB94	12APR94
..4317A42109	15	15	0	P FS 0	PUBLISH NOA	7FEB94	25FEB94
..4318A40020*	15	15	0	P FS 0	ISSUE NOTICE TO PUBLIC	7FEB94	25FEB94
..4318A40100*	21	21	0	S FS 0	EVAL & RESPOND TO PUBLIC COMMENTS	13APR94	11MAY94
4318A40100	21	21	0	43	EVAL & RESPOND TO PUBLIC COMMENTS	13APR94	11MAY94
..4318A02100*	68	68	0	P FF 0	PUBLIC COMMENT	7FEB94	11MAY94
..4318A40025	32	32	0	P FS 0	EPA NEPA COORDINATOR EIS REVIEW	28FEB94	12APR94
..4318A40030*	32	32	0	P FS 0	PUBLIC COMMENT PERIOD	28FEB94	12APR94
..4319A50070*	0	0	0	S FS -1	INCORP RESPONSIVENESS SUMMARY		10MAY94
..4319A50550*	20	20	0	S SS 0	INCORP DOE/WMCO COMMENTS OU4 DRAFT ROD	13APR94	10MAY94
DRAFT ROD							
4319A50060	42	42	0	43	PREPARE DECISION SUMMARY	6JAN94	4MAR94
..4315A41501*	1	1	0	P FS 0	SUBMIT DRAFT FS/PP TO DOE/WMCO	17MAY93	17MAY93
..4319A02100*	48	48	0	S SS 0	DRAFT ROD PREPARATION	6JAN94	14MAR94
..4319A50071*	5	5	0	S SS 0	PREPARE DECLARATION SUMMARY	28FEB94	4MAR94

ACTIVITY ID	ORIG DUR	REM DUR	%		CODE	ACTIVITY DESCRIPTION	LATE START	LATE FINISH
..4319A50100*	5	5	0	S FS	0	INTERNAL REVIEW	7MAR94	11MAR94
4319A50070	0	0	0		43	INCORP RESPONSIVENESS SUMMARY		10MAY94
..4318A40100*	21	21	0	P FS	-1	EVAL & RESPOND TO PUBLIC COMMENTS	13APR94	11MAY94
..4319A50550*	20	20	0	S FF	0	INCORP DOE/WMCO COMMENTS OU4 DRAFT ROD	13APR94	10MAY94
4319A50071	5	5	0		43	PREPARE DECLARATION SUMMARY	28FEB94	4MAR94
..4319A50060*	42	42	0	P SS	0	PREPARE DECISION SUMMARY	6JAN94	4MAR94
..4319A50100	5	5	0	S FS	0	INTERNAL REVIEW	7MAR94	11MAR94
4319A50100	5	5	0		43	INTERNAL REVIEW	7MAR94	11MAR94
..4319A50060*	42	42	0	P FS	0	PREPARE DECISION SUMMARY	6JAN94	4MAR94
..4319A50071	5	5	0	P FS	0	PREPARE DECLARATION SUMMARY	28FEB94	4MAR94
..4319A50501*	1	1	0	S FS	0	SUBMIT DRAFT ROD TO DOE/WMCO	14MAR94	14MAR94
4319A50501	1	1	0		43	SUBMIT DRAFT ROD TO DOE/WMCO	14MAR94	14MAR94
..4319A02100*	48	48	0	P FF	0	DRAFT ROD PREPARATION	6JAN94	14MAR94
..4319A50100*	5	5	0	P FS	0	INTERNAL REVIEW	7MAR94	11MAR94
..4319A01010*	0	0	0	S FS	0	DELIVER OU4 DRAFT ROD TO DOE	15MAR94	
..4319A02500*	232	232	0	S SS	0	DOE DRAFT ROD REVIEW/REVISE/APPROVE	14MAR94	10JUN94
..4319A50530*	21	21	0	S FS	0	DOE/WMCO REVIEW & COMMENT	15MAR94	12APR94
4319A50530	21	21	0		43	DOE/WMCO REVIEW & COMMENT	15MAR94	12APR94
..4319A01010*	0	0	0	P FS	0	DELIVER OU4 DRAFT ROD TO DOE	15MAR94	
..4319A50501*	1	1	0	P FS	0	SUBMIT DRAFT ROD TO DOE/WMCO	14MAR94	14MAR94
..4319A50550	20	20	0	S FS	0	INCORP DOE/WMCO COMMENTS OU4 DRAFT ROD	13APR94	10MAY94
4319A50550	20	20	0		43	INCORP DOE/WMCO COMMENTS OU4 DRAFT ROD	13APR94	10MAY94
..4318A40100*	21	21	0	P SS	0	EVAL & RESPOND TO PUBLIC COMMENTS	13APR94	11MAY94
..4319A50070*	0	0	0	P FF	0	INCORP RESPONSIVENESS SUMMARY		10MAY94
..4319A50530	21	21	0	P FS	0	DOE/WMCO REVIEW & COMMENT	15MAR94	12APR94
..4319A50560*	1	1	0	S FS	0	SUBMIT REVISED DRAFT TO DOE	11MAY94	11MAY94
4319A50560	1	1	0		43	SUBMIT REVISED DRAFT TO DOE	11MAY94	11MAY94
..4319A50550*	20	20	0	P FS	0	INCORP DOE/WMCO COMMENTS OU4 DRAFT ROD	13APR94	10MAY94
..4319A50592*	21	21	0	S FS	0	EM-1 REVIEW, REVISE & APPROVE	12MAY94	9JUN94
4319A50592	21	21	0		43	EM-1 REVIEW, REVISE & APPROVE	12MAY94	9JUN94
..4315A41710	12	12	0	P FS	0	INCORPORATE EPA FINAL COMMENTS	10JAN94	25JAN94
..4319A50560*	1	1	0	P FS	0	SUBMIT REVISED DRAFT TO DOE	11MAY94	11MAY94
..4319A50600*	1	1	0	S FS	0	DOE SUBMIT OU4 EPA DRAFT ROD TO EPA	10JUN94	10JUN94
4319A50600	1	1	0		43	DOE SUBMIT OU4 EPA DRAFT ROD TO EPA	10JUN94	10JUN94
..4319A02500*	232	232	0	P FF	0	DOE DRAFT ROD REVIEW/REVISE/APPROVE	14MAR94	10JUN94
..4319A50592*	21	21	0	P FS	0	EM-1 REVIEW, REVISE & APPROVE	12MAY94	9JUN94

ACTIVITY ID	ORIG DUR	REM DUR	%	CODE	ACTIVITY DESCRIPTION	LATE START	LATE FINISH
..4319A01070*	0	0	0	S FS 0	DELIVER OU4 DRAFT ROD TO EPA		10JUN94*

L-2297

Activity Description Library

RI/FS Activity Description Library

Sept.12, 1991

Activity Data:

Activity ID	4203A02000		
Activity Title	*OPERABLE UNIT RELATED FIELD ACTIVITIES*		
Start	15-Jan-91A		
Finish	13-Jan-92		
Remaining Duration	111	Revision #	0
Total Float	-1	Revision Date	12-Sep-91

Scope Description:

This is the hammock for completing the additional sampling of the berm, subsoil, and Silo 1 and Silo 2 contents as outlined in the FMPC RI/FS Work Plan Addendum dated March 20, 1991. It includes tasks associated with site access, sampling permits and approval, sample collection, sample shipment, sample analyses, and data validation. Greater detail is provided in activities 4203A02019, 4203A02020, and 4203A02021.

Assumptions:

No additional sampling is required outside of currently proposed program.

No resampling due to data validation requirement.

No unanticipated delays or work stoppages.

Analytical turnaround time of six months.

78 samples will be taken from 15 locations requiring nearly 4500 separate analyses.

Three 150-page analytical report documents will be prepared.

The results of the field program are required to initiate detailed analysis of alternatives and must be analyzed in the RI report. Samples of waste material from the contents sampling program will be used in treatability testing.

RI/FS Activity Description Library

Sept.12, 1991

Activity Data:

Activity ID	4203A02019		
Activity Title	*OU4 FIELD ACTIVITY - SLANT BORINGS*		
Start			
Finish	25-Jan-91A 13-Jan-92		
Remaining Duration	111	Revision #	0
Total Float	-1	Revision Date	12-Sep-91

Scope Description:

This is a schedule hammock for completing the slant boring program. This program includes mobilization, sampling, shipping, and archiving, validation, laboratory analyses, data entry, reporting and demobilization. The field sampling effort consists of five unconventional low-angle auger borings near K-65 silos 1 and 2 and the associated Decant Tank with provisions for sampling perched groundwater, if encountered.

Assumptions:

Presently defined sampling effort will meet Work Plan objectives.

Additional sampling required for the presence of perched water has been considered.

No unanticipated delays or work stoppages.

Analytical turn around time of six months.

28 samples will be taken from 5 locations.

Over 1400 analyses will be performed for soil samples.

Up to 1000 additional analyses will be required for perched water found.

The results of the slant boring program are to be analyzed in the RI report.

000303

RI/FS Activity Description Library

Sept.12, 1991

Activity Data:

Activity ID	4203A02020
Activity Title	*OU4 FIELD WORK - VERTICAL BORINGS*
Start	15-Jan-91A
Finish	22-Oct-91

Remaining Duration	52	Revision #	0
Total Float	0	Revision Date	12-Sep-91

Scope Description:

This is a schedule hammock for completing the vertical borings program. This program includes mobilization, sampling, shipping and archiving, validation, laboratory analyses, data entry, reporting and demobilization. The field sampling effort consisted of four borings in the berms around K-65 silos 1 and 2. The purpose of the sampling is to determine and verify the extent of contamination in the berm soils. The borings were completed utilizing the Vibracore (TM) technique.

Assumptions:

No additional sampling is required beyond that proposed in the Work Plan.

Analytical turn around time of six months.

24 samples taken from 4 locations.

Over 800 analyses will be performed for the soil samples.

The RI report will analyze information collected and analytical results derived from the vertical boring program.

RI/FS Activity Description Library

Sept.12, 1991

Activity Data:

Activity ID	**4203A02021**
Activity Title	***OU4 FIELD WORK - CONTENT SAMPLING***
Start	**12-Jul-91A**
Finish	**09-Jan-92**

Remaining Duration	**109**	Revision #	**0**
Total Float	**0**	Revision Date	**12-Sep-91**

Scope Description:

This is a schedule hammock for the K-65 content resampling. This program includes mobilization, sampling, shipping, and archiving, validation, laboratory analyses, data entry, and reporting and demobilization. Field work consists of content sampling of K-65 silos 1 and 2. Samples will be collected from three manways on each silo. Samples will undergo chemical, radiological and geotechnical analyses.

Assumptions:

No additional sampling is required beyond that proposed in the Work Plan.

No unanticipated delays or work stoppages.

No delays in analytical turn around time.

26 samples taken from 3 locations in each silo (Silo 1 and Silo 2).

Over 1100 analyses will be performed on the residue samples.

The RI report will analyze information collected and the analytical results derived from the contents sampling program. Waste material collected in this program will be utilized in treatability testing.

000305

RI/FS Activity Description Library

2297

Sept.12, 1991

Activity Data:

Activity ID	**4205A02000**		
Activity Title	***TREATABILITY STUDIES***		
Start	**18-Jan-91A**		
Finish	**23-Dec-92**		
Remaining Duration	**358**	Revision #	**0**
Total Float	**21**	Revision Date	**12-Sep-91**

Scope Description:

This is a schedule hammock for the treatability study program which consists of studies for vitrification, chemical separation of metals from the silo material, and cement stabilization of both the separated and unseparated waste forms. The deliverable is a treatability results report (a secondary document) for use in the detailed analysis of alternatives.

Assumptions:

A schedule window is available at the laboratory to accommodate the schedule dates.

Total radioactivity of each treated sample will be less than 0.01 mCi/g. The price of samples with higher radioactivity will be greater.

Full use of TCLP and ANSI/ANS 16.1-1986 will only be used in the bench scale study.

A modified TCLP procedure will be performed prior to bench scale study.

Over 2500 separate analyses will be performed.

Two 120-page treatability study work plans will be prepared.

Two 150-page treatability study analytical result reports will be prepared.

Waste material from the contents sampling program are required to initiate treatability testing.

The results of testing are necessary for completion of alternative evaluation in the detailed analysis of alternatives.

000306

RI/FS Activity Description Library

Sept.12, 1991

Activity Data:

Activity ID	**4206A01010**
Activity Title	***DELIVER DRAFT OU4 RI TO DOE***
Start	
Finish	**18-Sep-92**

Remaining Duration		Revision #	**0**
Total Float	**67**	Revision Date	**12-Sep-91**

Scope Description:

This milestone defines the delivery of a completed review draft of the RI report to DOE.

Assumptions:

000307

RI/FS Activity Description Library

2297

Sept.12, 1991

Activity Data:

Activity ID	4206A01050		
Activity Title	*DELIVER OU4 RI TO EPA*		
Start			
Finish	15-Jan-93		
Remaining Duration		Revision #	0
Total Float	66	Revision Date	12-Sep-91

Scope Description:

This milestone defines the delivery of a completed review draft of the RI Report to OEPA and U.S. EPA after DOE review.

Assumptions:

000308

RI/FS Activity Description Library

Sept.12, 1991

Activity Data:

Activity ID	**4206A02100**		
Activity Title	***REMEDIAL INVESTIGATION REPORT PREPARATION***		
Start	**07-Jan-92**		
Finish	**17-Sep-92**		
Remaining Duration	**183**	Revision #	**0**
Total Float	**98**	Revision Date	**12-Sep-91**

Scope Description:

This is a schedule hammock including all activities associated with preparation of the OU4 RI report and Baseline Risk Assessment. An RI report will be prepared following the outline suggested in the U.S. EPA Guidance for Conducting Remedial Investigations and Feasibility Studies Under CERCLA (Directive 9955.3-02) and the Human Health Evaluation Manual (EPA/540/1-89/002). Whenever possible the RI Report will utilize material already prepared in support of the RI report which was underway prior to finalizing the new consent agreement. Major sections include:

Introduction
Study Area Investigaton
Physical Characteristics of the Study Area
Nature and Extent of Contamination
Contaminant Fate and Transport
Baseline Risk Assessment
Appendices as required

The scope of the OU4 RI includes Silos 1,2,3, and 4, berms, decant tank systems, and associated contaminated soils. Specific schedule activities include obtaining validated analysis from field work, revising the site characterization, and preparing the draft RI report for review.

Assumptions:

Data provided from the previous characterization studies completed by ASI/IT, in addition to data collected from the additional sampling activities, will be sufficient to completely characterize OU4.

Resampling of Silo 3 is not necessary.

The RI report is approximately 800 pages including appendices.

Data validation is complete prior to report preparation.

Risk assessment methodology to be used in developing the report is approved by EPA prior to report preparation.

Receipt and validation of site characterization analysis.

The RI report must be approved by U.S.EPA prior to initiation of the FS/PP document review cycle.

RI/FS Activity Description Library

Sept.12, 1991

Activity Data:

Activity ID	4206A02500		
Activity Title	*DOE RI REVIEW/REVISE/APPROVE*		
Start	18-Sep-92		
Finish	14-Jan-93		
Remaining Duration	85	Revision #	0
Total Float	66	Revision Date	12-Sep-91

Scope Description:

This is a schedule hammock including all activities associated with DOE and DOE contractor review, comment resolution, and revision of the OU4 RI report. The draft document is reviewed by DOE-FSO. Comments are prepared and submitted to ASI/IT for response to comments and document revision, as appropriate. The document follows this same process through DOE-HQ and DOE-EM1 review levels. Each cycle requires a response to comments document in addition to a revised draft document. Meetings are held periodically to resolve comments.

Assumptions:

DOE-HQ review will follow DOE-FSO review.

Comments are reviewed and screened by integrating contractor prior to submittal to ASI/IT.

Comments do not require significant changes in technical content and format.

An 800-page draft document is revised for each review cycle.

A 30-page comment response document is anticipated for each review cycle.

Comments do not exceed 100 in number for any review cycle.

RI/FS Activity Description Library

Sept.12, 1991

Activity Data:

Activity ID	**4206A02600**		
Activity Title	***EPA RI REVIEW & APPROVE***		
Start	**18-Jan-93**		
Finish	**13-May-93**		
Remaining Duration	**84**	Revision #	**0**
Total Float	**66**	Revision Date	**12-Sep-91**

Scope Description:

This is a schedule hammock which includes all activities associated with U.S.EPA and OEPA review, comment resolution, report revision, and approval for the OU4 RI report. Comments are prepared and transmitted to ASI/IT for resolution and appropriate revision of the text. A formal response to comments document is prepared, which includes an individual response to each comment. The revised text is again submitted to U.S.EPA and OEPA for final review and approval. Additional comments are transmitted to DOE for response and text revision before final printing of the RI report. Meetings are held periodically to resolve comments.

Assumptions:

The EPA review/approval process will require at least two iterative reviews to obtain EPA approval of the document.

Review follows standard primary document review cycle, as defined by the consent agreement.

Comments do not require significant changes in technical content and format.

No dispute resolution is required.

An 800-page document is revised for both review cycles.

A 30-page comment response document is prepared.

000311

RI/FS Activity Description Library

Sept.12, 1991

Activity Data:

Activity ID	4206A02700		
Activity Title	*PRINT AND DISTRIBUTE FINAL RI REPORT*		
Start			
Finish	14-May-93 10-Jun-93		
Remaining Duration	20	Revision #	0
Total Float	66	Revision Date	12-Sep-91

Scope Description:

This is a schedule hammock which includes all activities associated with final assembly, printing, binding, and mailing/delivering the approved RI report. Final comment responses are prepared for U.S.EPA and OEPA comments. The document is revised based upon EPA comments and is given an internal review by the RI/FS contractor before final printing. Copies are printed, collated, and boxed for shipping. Copies will be delivered to the Administrative Record.

Assumptions:

Print and distribute 65 copies.

U.S.EPA approval of the draft final RI report is required prior to initiation of this activity.

RI/FS Activity Description Library

Sept.12, 1991

Activity Data:

Activity ID	**4315A02100**		
Activity Title	***FEASIBILITY STUDY/PROP. PLN. REPORT PREPARATION***		
Start	**19-May-92**		
Finish	**15-Apr-93**		
Remaining Duration	**238**	Revision #	**0**
Total Float	**98**	Revision Date	**12-Sep-91**

Scope Description:

This hammock includes all activities necessary to prepare the Detailed Analysis of Alternatives, the Feasibility Report, and the Proposed Plan. This activity will begin by revising the present alternative conceptual designs to incorporate the additional information obtained from the treatability studies and sampling activities conducted on Operable Unit 4. An FS cumulative risk assessment will be performed using the selected alternative from OU4 and "leading" candidates for other operable units. This assessment will estimate the total sitewide risk from a series of proposed or contemplated remedial activities. This assessment will be included as an appendix. This activity will end by incorporating internal review comments into the draft Feasibilty Study (which includes the Detailed Analysis of Alternatives) and Proposed Plan Report.

Assumptions:

The ISA report will not require revision based on the new OU definition.

Anticipated U.S.EPA guidance documents on preparing FS risk assessments will not materially impact the schedule for preparation of the FS reports.

A 600 page feasibility study document will be prepared.

Treatability Studies and ARARs determination are complete before initiation of the detailed analysis of alternatives.

000313

RI/FS Activity Description Library

Sept.12, 1991

Activity Data:

Activity ID	4315A02500		
Activity Title	*DOE FS/PP REVIEW/REVISE/APPROVE*		
Start	16-Apr-93		
Finish	11-Aug-93		
Remaining Duration	84	Revision #	0
Total Float	21	Revision Date	12-Sep-91

Scope Description:

This is a schedule hammock including all activities associated with DOE and DOE contractor review, comment resolution, and revision of the OU4 Feasibility Study and Proposed Plan report. The draft document is reviewed by DOE-FSO. Comments are prepared and submitted to ASI/IT for response and document revision, as appropriate. The document follows this same process through DOE-HQ and DOE-EM1 review levels. Each cycle requires a response to comments document in addition to a revised draft document. Meetings are held periodically to resolve comments.

Assumptions:

DOE-HQ review will follow DOE-FSO review.

Comments are reviewed and screened by integrating contractor prior to submittal to ASI/IT.

Comments do not exceed 100 in number for any review cycle.

Comments do not require significant changes in technical content and format.

RI/FS Activity Description Library

Sept.12, 1991

Activity Data:

Activity ID	**4315A02600**		
Activity Title	***EPA FS/PP REVIEW/REVISE/APPROVE***		
Start	**12-Aug-93**		
Finish	**09-Dec-93**		
Remaining Duration	**86**	Revision #	**0**
Total Float	**21**	Revision Date	**12-Sep-91**

Scope Description:

This is a schedule hammock including all activities associated with U.S. EPA and OEPA review, comment resolution, report revision, and approval for the OU4 Feasibility Study and Proposed Plan report. Comments are prepared and transmitted to the ASI/IT for resolution and appropriate revision of the text. A formal response to comments document is also prepared, which includes an individual response to each comment. The revised text is again submitted to U.S.EPA and OEPA for final review and approval. Additional comments are transmitted to DOE for response and text revision before final printing of the FS/PP report. During the review process, meetings are held to adequately resolve comments.

Assumptions:

The EPA review/approval process will require at least two iterative reviews to obtain EPA approval of the document.

Comments do not require significant changes in technical content and format.

Comments are reviewed and screened by integrating contractor prior to submittal.

Comments do not exceed 100 in number.

Review follows standard primary document review cycle as defined by the consent agreement.

No dispute resolution required.

A 600-page FS/PP and two revisions will be prepared during this review cycle.

One comment response document will be prepared.

000312

RI/FS Activity Description Library

Sept.12, 1991

Activity Data:

Activity ID	4315A02700		
Activity Title	*PRINT AND DISTRIBUTE FINAL FS/PP REPORT*		
Start	10-Dec-93		
Finish	06-Jan-94		
Remaining Duration	20	Revision #	0
Total Float	21	Revision Date	12-Sep-91

Scope Description:

This is a schedule hammock including all activities necessary to publish the Final Feasibilty Study including the Detailed Analysis of Alternatives and the Proposed Plan. This activity will begin by incorporating EPA final comments on the draft FS/PP into the Feasibility Study and Proposed Plan. This activity will end with the printing and distributing of the Final Feasibility Study and Proposed Plan. The document will be submitted to the Administrative Record.

Assumptions:

Print and distribute 100 copies.

Requests under NEPA for copies of the FS-EIS will not exceed 35 copies.

U.S.EPA approval of the Proposed Plan is required prior to initiation of the public comment period.

RI/FS Activity Description Library

Sept.12, 1991

Activity Data:

Activity ID	**4318A02100**		
Activity Title	***PUBLIC COMMENT***		
Start	**07-Jan-94**		
Finish	**12-Apr-94**		
Remaining Duration	**68**	Revision #	**0**
Total Float	**21**	Revision Date	**12-Sep-91**

Scope Description:

This is a schedule hammock which includes all activities associated with providing the public with an opportunity to comment on the FS-EIS and Proposed Plan, as required and defined by NEPA and the NCP. A notice will be prepared and printed in a major local newspaper and the Federal Register (a NEPA requirement) to inform the public of the availability of the FS-EIS and the OU4 FS/PP, for their review and to provide a brief analysis of its contents. This notice will solicit written comments and announce a public meeting. Upon receipt of all comments, a responsiveness summary will be prepared that discusses significant comments, criticisms, and new relevant information submitted during the public comment period.

Assumptions:

Public comment period is 45 calender days to accomodate the requirements of NEPA.

A public meeting is held near the CERCLA site.

Community relations staff will assist in the preparation of the PP to assure it is written to be understandable by a knowledgeable public.

U.S. EPA approval of the Proposed Plan is required prior to the initiation of this activity.

The responsiveness summary will be included in the draft ROD.

000317

RI/FS Activity Description Library

Sept.12, 1991

Activity Data:

Activity ID	**4319A01010**
Activity Title	***DELIVER OU4 DRAFT ROD TO DOE***
Start	
Finish	**24-Jun-93**

Remaining Duration		Revision #	**0**
Total Float	**188**	Revision Date	**12-Sep-91**

Scope Description:

This milestone consists of delivering the Draft ROD to DOE and the integrating contractors for review and comment.

Assumptions:

RI/FS Activity Description Library

Sept.12, 1991

Activity Data:

Activity ID	**4319A01070**
Activity Title	***DELIVER OU4 DRAFT ROD TO EPA***
Start	
Finish	**12-May-94**

Remaining Duration		Revision #	**0**
Total Float	**21**	Revision Date	**12-Sep-91**

Scope Description:

A milestone signifies the completion of a significant event and typically denotes the completion of a workscope. This milestone consists of delivering the Draft ROD to U.S. EPA and OEPA.

Assumptions:

000319

RI/FS Activity Description Library

Sept.12, 1991

Activity Data:

Activity ID	4319A02100		
Activity Title	*DRAFT ROD PREPARATION*		
Start	19-Apr-93		
Finish	23-Jun-93		
Remaining Duration	48	Revision #	0
Total Float	188	Revision Date	12-Sep-91

Scope Description:

This is a schedule hammock including preparation of a draft ROD as defined by Directive 9355.3-02 for DOE review and approval for submittal to EPA. The draft ROD includes the following:

Declaration Statement containing description of selected remedy.

Decision Summary providing an overview of the site-specific factors and analysis supporting the selection of alternatives.

Responsiveness summary addressing comments received during the public comment period, will be issued as part of the ROD.

Assumptions:

Extensive public comments will require response.

No pre-ROD significant changes resulting from public comment.

Regulatory, community relations and legal support are required.

The public comment period must be completed prior to finalization of the draft ROD.

RI/FS Activity Description Library

Sept.12, 1991

Activity Data:

Activity ID	**4319A02500**		
Activity Title	***DOE DRAFT ROD REVIEW/REVISE/APPROVE***		
Start			
Finish	**23-Jun-93**		
	12-May-94		
Remaining Duration	**232**	Revision #	**0**
Total Float	**188**	Revision Date	**12-Sep-91**

Scope Description:

This is a schedule hammock including DOE review of the draft ROD at three levels: DOE-FSO, DOE-HQ, DOE-EM-1. The draft ROD revision to incorporate DOE comments through three review cycles and associated comment response documents are prepared. Each document revision also includes an internal ASI/IT review before submittal, as well as the printing and distribution of the documents. Meetings are held periodically to resolve comments.

Assumptions:

Comments do not significantly alter technical direction of project.

Comments are reviewed and screened by the integrating contractor prior to submittal to ASI/IT.

A draft ROD and two revisions are prepared during this review cycle.

Two 15-page ROD comment response documents are prepared.

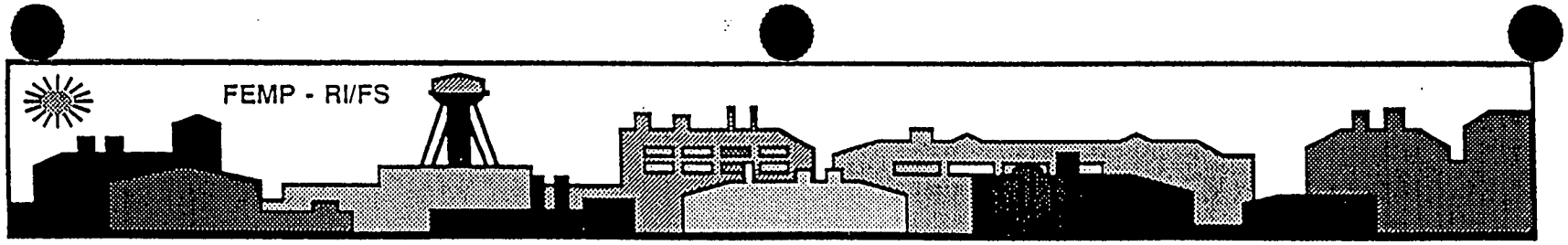
Regulatory, community relations, and legal support are required.

000321

Operable Unit 5

Perched and regional groundwater, surface water, soils (not addressed in other OUs), sediments, flora, and fauna

Schedules



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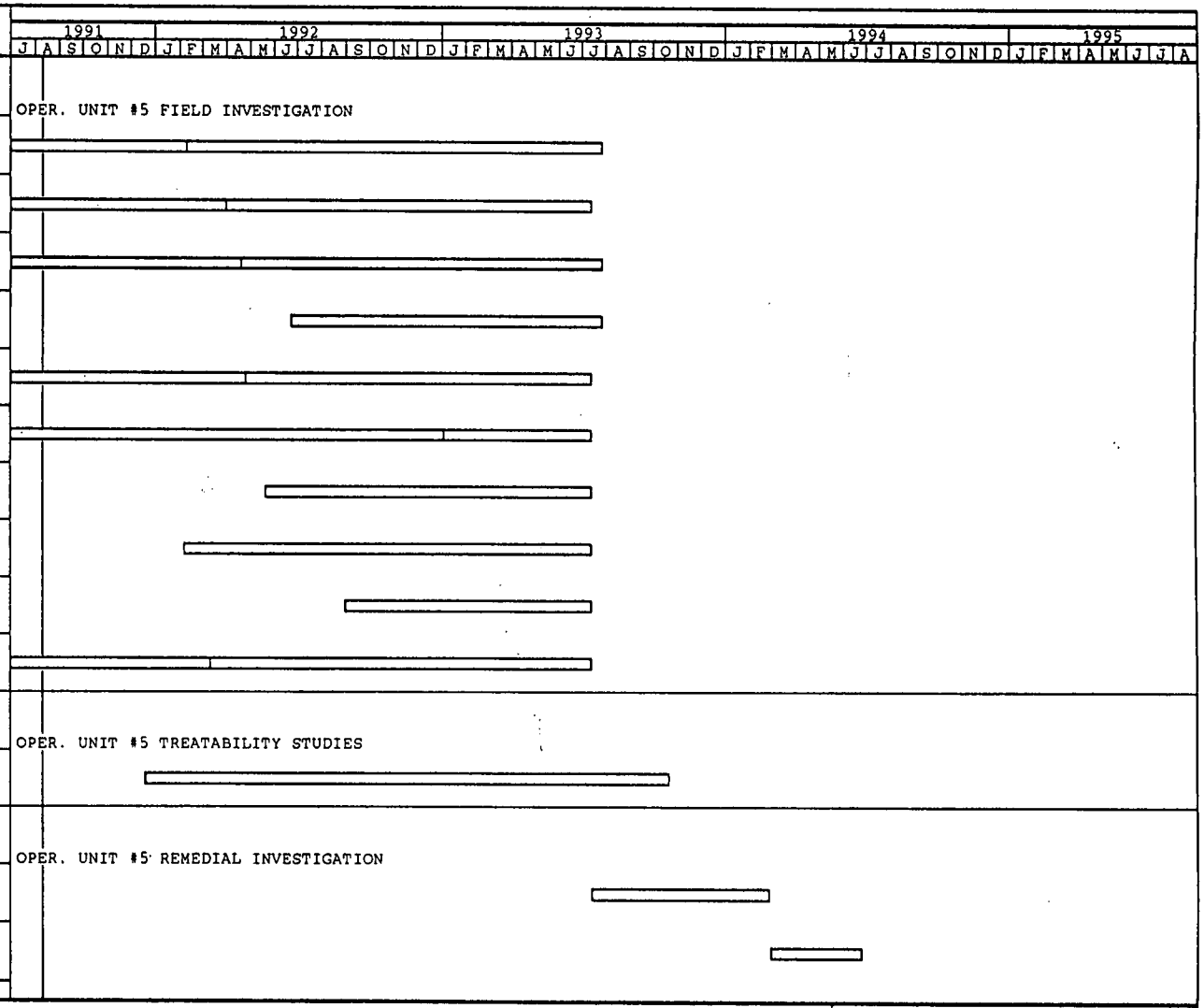
OPERABLE UNIT RELATED FIELD ACTIVITIES 5203A02000 OD 533 AS 2JAN91 LF 26JUL93	
FACILITIES TESTING 5203A02007 OD 260 AS 29MAR91 LF 12JUL93	
OU5 FIELD WORK 31 WELL PROGRAM 5203A02010 OD 273 AS 15MAR91 LF 26JUL93	
OU5 FIELD WORK - PADDYS RUN SAMPLING 5203A02011 OD 316 LS 23JUN92 LF 26JUL93	
OU5 FIELD WORK - 8 RCRA WELLS 5203A02012 OD 238 AS 29MAR91 LF 12JUL93	
OU5 FIELD WORK - 6 WELL PROGRAM 5203A02013 OD 203 AS 13JAN91 LF 12JUL93	
OU5 FIELD WORK - WATER LEVEL MEASUREMENTS 5203A02014 OD 334 LS 21MAY92 LF 12JUL93	
OU5 FIELD WORK - AUGER SAMPLING 5203A02017 OD 375 LS 6FEB92 LF 12JUL93	
OU5 FIELD WORK - CABLE SAMPLING 5203A02018 OD 226 LS 31AUG92 LF 12JUL93	
OU5 FIELD WORK - MISC. ADDITIONAL WELLS 5203A02023 OD 461 AS 2JAN91 LF 12JUL93	
	OPER. UNIT #5 TREATABILITY STUDIES
TREATABILITY STUDIES 5205A02000 OD 480 LS 19DEC91 LF 20OCT93	
	OPER. UNIT #5 REMEDIAL INVESTIGATION
REMEDIAL INVESTIGATION REPORT PREPARATION 5206A02100 OD 157 LS 13JUL93 LF 25FEB94	
DOE RI REVIEW/REVISE/APPROVE 5206A02500 OD 84 LS 28FEB94 LF 23JUN94	



Activity Bar/Late Dates
Critical Activity
Progress Bar

Primavera Systems, Inc. 1984-1991

RI/FS PROJECT SCHEDULES
FERNALD ENVIRONMENTAL MGMT. PROJECT
OPERABLE UNIT 5 BAR CHART LEVEL III

Project Start : 31OCT90
Project Finish: 4MAY01

Sheet 1 of 3

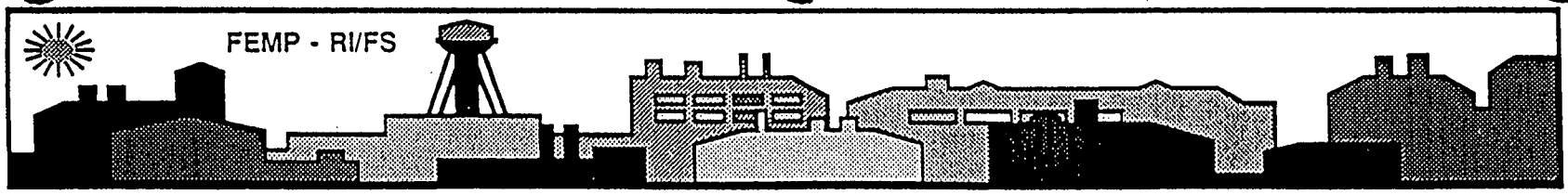
Data Date: 10AUG91
Plot Date: 13SEP91

Prepared by ASI/IT Corp.

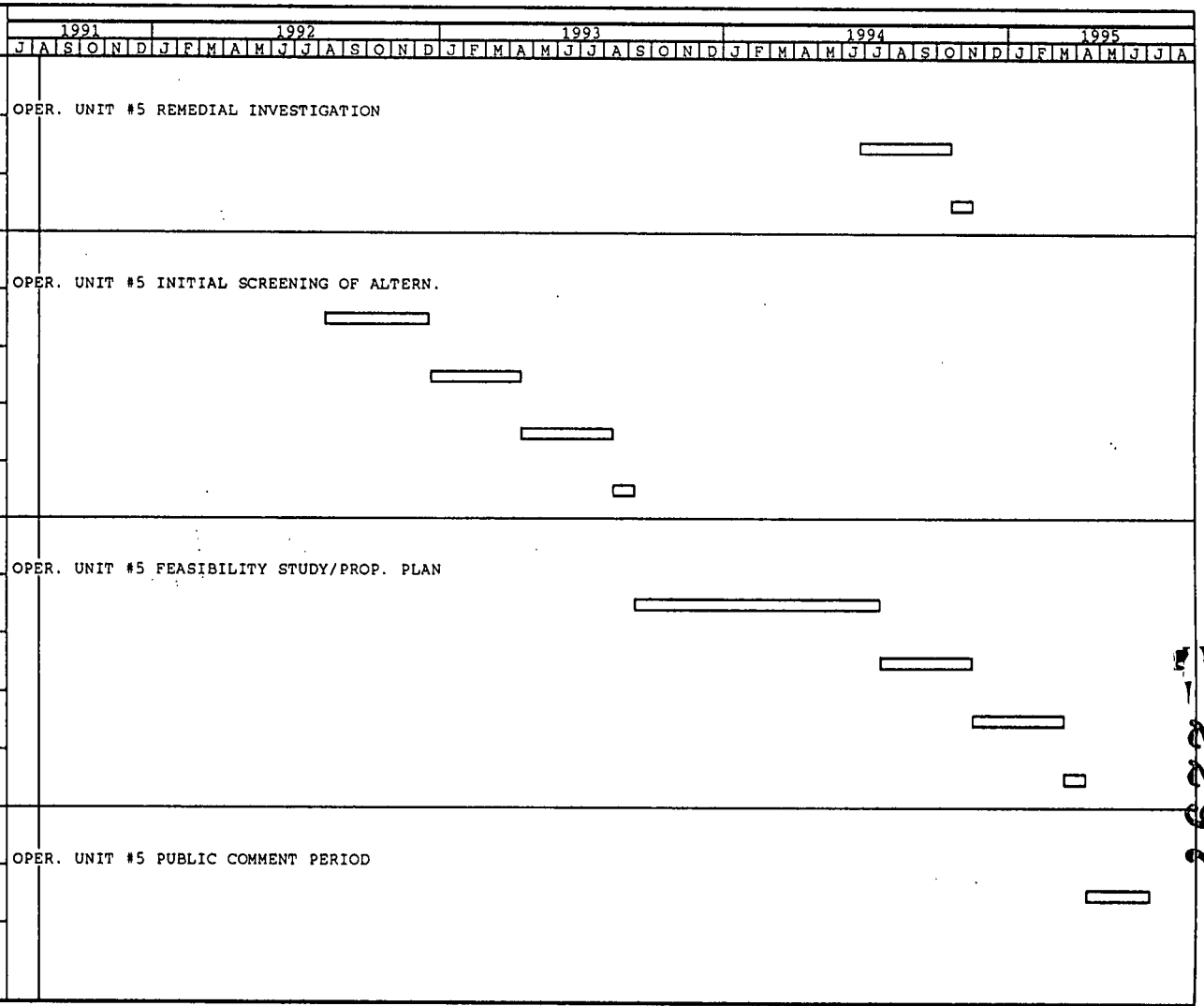
Date	Revision	Checked	Approved

000324

22997



	OPER. UNIT #5 REMEDIAL INVESTIGATION
EPA RI REPORT REVIEW/REVISE/APPROVE 5206A02600 OD 84 LS 24JUN94 LF 19OCT94	
PRINT AND DIST FINAL REPORT 5206A02700 OD 20 LS 20OCT94 LF 16NOV94	
	OPER. UNIT #5 INITIAL SCREENING OF ALTERN.
INITIAL SCREENING OF ALTERNATIVES 5312A02100 OD 95 LS 10AUG92 LF 18DEC92	
DOE ISA REVIEW/REVISE/APPROVE 5312A02500 OD 84 LS 21DEC92 LF 15APR93	
EPA ISA REVIEW/REVISE/APPROVE 5312A02600 OD 84 LS 16APR93 LF 11AUG93	
PRINT AND DISTRIBUTE FINAL ISA REPORT 5312A02700 OD 20 LS 12AUG93 LF 8SEP93	
	OPER. UNIT #5 FEASIBILITY STUDY/PROP. PLAN
FEASIBILITY STUDY/PROP. PLN. REPORT PREPARATION 5315A02100 OD 224 LS 9SEP93 LF 20JUL94	
DOE FS/PP REVIEW/REVISE/APPROVE 5315A02500 OD 84 LS 21JUL94 LF 15NOV94	
EPA FS/PP REVIEW/REVISE/APPROVE 5315A02600 OD 86 LS 16NOV94 LF 15MAR95	
PRINT AND DIST FINAL FS/PP REPORT 5315A02700 OD 20 LS 16MAR95 LF 12APR95	
	OPER. UNIT #5 PUBLIC COMMENT PERIOD
PUBLIC COMMENT 5318A02100 OD 58 LS 13APR95 LF 3JUL95	



Activity Bar/Late Dates
Critical Activity
Progress Bar

Primavera Systems, Inc. 1984-1991

RI/FS PROJECT SCHEDULES
FERNALD ENVIRONMENTAL MGMT. PROJECT
OPERABLE UNIT 5 BAR CHART LEVEL III

Project Start : 31OCT90
Project Finish: 4MAY01

Sheet 2 of 3

Data Date: 10AUG91
Plot Date: 13SEP91

Prepared by ASI/IT Corp.

Date	Revision	Checked	Approved

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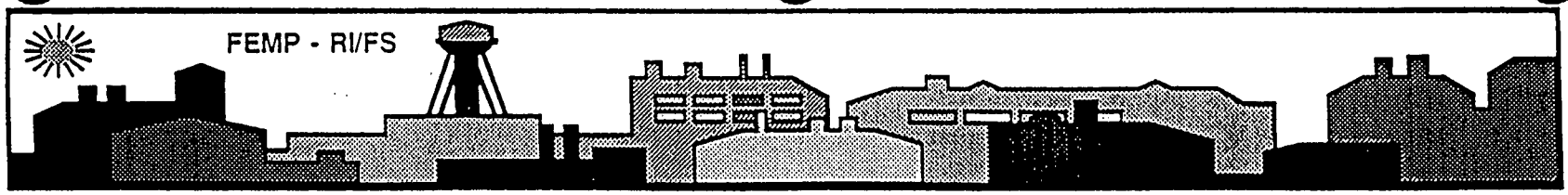

DOE DELIVER OU5 DRAFT ROD TO EPA 5319A01070 OD 0 LF 2AUG95	OPER. UNIT #5 DRAFT ROD
DRAFT ROD PREPARATION 5319A02100 OD 27 LS 29MAR95 LF 4MAY95	
DOE DRAFT ROD REVIEW/REVISE/APPROVE 5319A02500 OD 243 LS 4MAY95 LF 2AUG95	

1991 1992 1993 1994 1995

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Activity Bar/Late Dates
Critical Activity
Progress Bar

Primavera Systems, Inc. 1984-1991

RI/FS PROJECT SCHEDULES
FERNALD ENVIRONMENTAL MGMT. PROJECT
OPERABLE UNIT 5 BAR CHART LEVEL III

Sheet 3 of 3

Project Start : 31OCT90
Project Finish: 4MAY01

Data Date: 10AUG91
Plot Date: 13SEP91

Prepared by ASI/IT Corp.

Date	Revision	Checked	Approved

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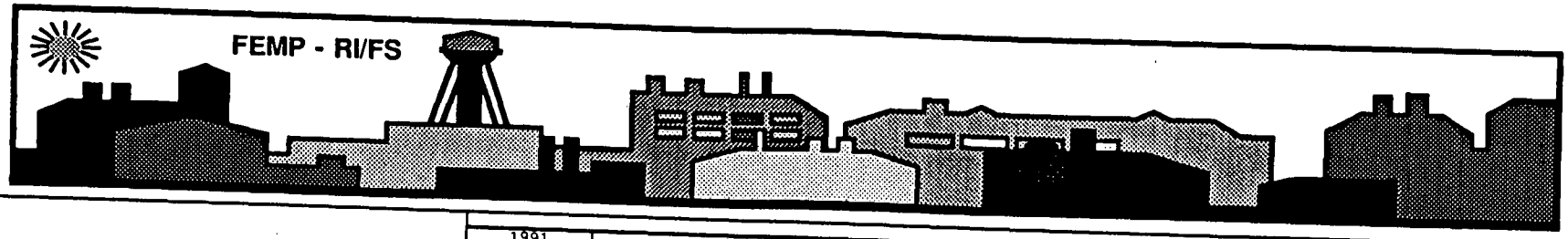

1991 A S O N D | 1992 J F M A M J J A S O N D | 1993 J F M A M J J A S O N D | 1994 J F M A M J J A S O N D | 1995 J F M A M

OPER. UNIT #5 FIELD INVESTIGATION

REMAINING BORINGS/PIEZOMETERS INSTALLATION 5203A07544	OD 35	RD 26	
AS 29MAR91	LF 24DEC92		
SHIPPING/ARCHIVING 5203A07546	OD 2	RD 2	
AS 3APR91	LF 7MAR93		
FIELD DATA VALIDATION 5203A07547	OD 5	RD 5	
AS 4APR91	LF 28JUN93		
DEMOBILIZATION 5203A07548	OD 5	RD 5	
LS 1JUL93	LF 5JUL93		
FIELD DATA ENTRY 5203A07549	OD 5	RD 5	
LS 29JUN93	LF 5JUL93		
TASK SPECIFIC WELL DEVELOPMENT TRAINING 5203A07660	OD 1	RD 1	
LS 29NOV92	LF 29NOV92		
WELL DEVELOPMENT MOBILIZATION 5203A07662	OD 1	RD 1	
LS 30NOV92	LF 30NOV92		
WELL DEVELOPMENT/SAMPLING 5203A07664	OD 20	RD 20	
LS 1DEC92	LF 28DEC92		
SHIPPING/ARCHIVING 5203A07676	OD 2	RD 2	
LS 3MAR93	LF 4MAR93		
FIELD DATA VALIDATION 5203A07677	OD 1	RD 1	
LS 28JUN93	LF 28JUN93		
DEMOBILIZATION/DECON 5203A07678	OD 2	RD 2	
LS 2JUL93	LF 5JUL93		
DATA ENTRY 5203A07679	OD 5	RD 5	
LS 29JUN93	LF 5JUL93		
TASK SPECIFIC TRAINING 5203A07770	OD 1	RD 1	
LS 25FEB93	LF 25FEB93		
MOBILIZATION 5203A07772	OD 1	RD 1	
LS 26FEB93	LF 26FEB93		
WATER SAMPLING 5203A07774	OD 3	RD 3	
LS 27FEB93	LF 1MAR93		

Activity Bar/Late Dates
Critical Activity
Progress Bar

Primavera Systems, Inc. 1984-1991

RI/FS PROJECT SCHEDULES
FERNALD ENVIRONMENTAL MGMT. PROJECT
OPERABLE UNIT 5 BAR CHART LEVEL IV

Project Start : 31OCT90
Project Finish: 4MAY01

Sheet 1 of 27

Date Date: 10AUG91
Plot Date: 12SEP91

Prepared by ASI/IT Corp.

Date	Revision	Checked	Approved

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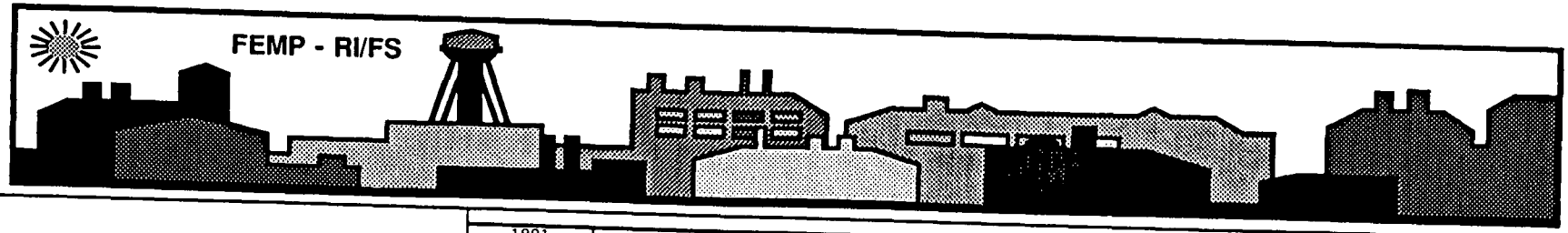
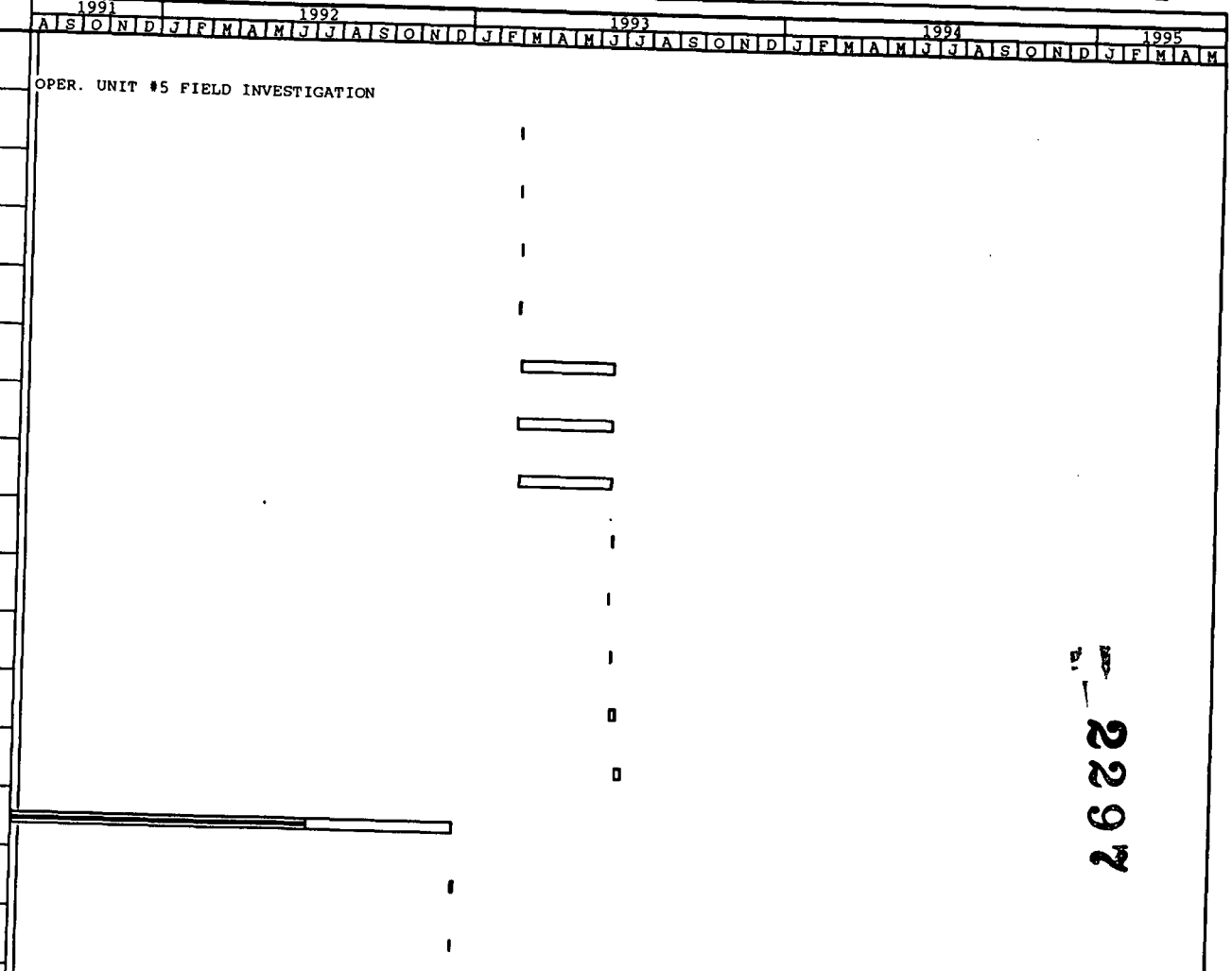
2297



SHIPPING/ARCHIVING 5203A07776	OD 1	RD 1	
LS 2MAR93	LF 2MAR93		
FIELD DATA VALIDATION 5203A07777	OD 1	RD 1	
LS 3MAR93	LF 3MAR93		
DEMOBILZATION/DECON 5203A07778	OD 1	RD 1	
LS 5MAR93	LF 5MAR93		
FIELD DATA ENTRY 5203A07779	OD 2	RD 2	
LS 4MAR93	LF 5MAR93		
LABORATORY ANALYSIS/REPORT SOIL 5203A07992	OD 80	RD 80	
LS 8MAR93	LF 25JUN93		
LAB ANALYSIS/REPORT H2O SAMPLE1 5203A07993	OD 80	RD 80	
LS 5MAR93	LF 24JUN93		
LAB ANALYSIS/REPORT H2O SAMPLE2 5203A07994	OD 80	RD 80	
LS 8MAR93	LF 25JUN93		
REC LAB REP SOIL 5203A07995	OD 1	RD 1	
LS 28JUN93	LF 28JUN93		
REC LAB RPT H2O SAMPLE1 5203A07996	OD 1	RD 1	
LS 25JUN93	LF 25JUN93		
REC LAB RPT H2O SAMPLE2 5203A07997	OD 1	RD 1	
LS 28JUN93	LF 28JUN93		
VALIDATE LABORATORY REPORT 5203A07998	OD 5	RD 5	
LS 29JUN93	LF 5JUL93		
DATA BASE ENTRY 5203A07999	OD 5	RD 5	
LS 6JUL93	LF 12JUL93		
LAND OWNER LICENSE AGREEMENT 5203A10334	OD 30	RD 10	
AS 15MAR91	LF 28DEC92		
UTILITY APPROVAL 31 WELL PROGRAM 5203A10336	OD 3	RD 3	
LS 29DEC92	LF 31DEC92		
31 WELL PROGRAM SPECIFIC TRAINING 5203A10540	OD 1	RD 1	
LS 30DEC92	LF 30DEC92		



Activity Bar/Late Dates
Critical Activity
Progress Bar

Primavera Systems, Inc. 1984-1991

RI/FS PROJECT SCHEDULES
FERNALD ENVIRONMENTAL MGMT. PROJECT
OPERABLE UNIT 5 BAR CHART LEVEL IV

Project Start : 31OCT90
Project Finish: 4MAY01

Sheet 2 of 27

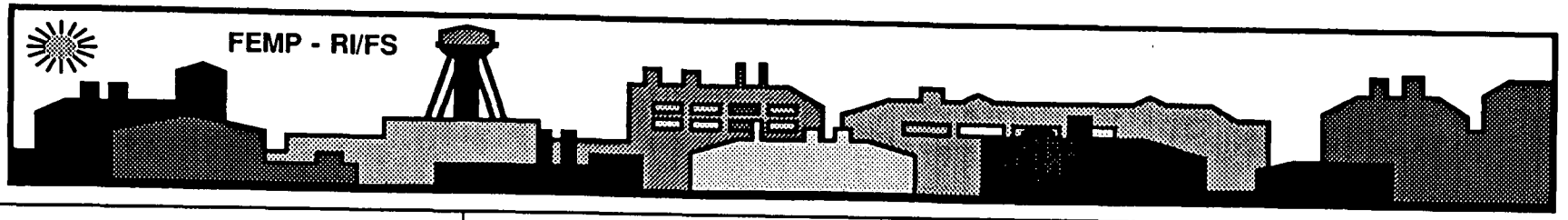
Data Date: 10AUG91
Plot Date: 12SEP91

Prepared by ASI/IT Corp.

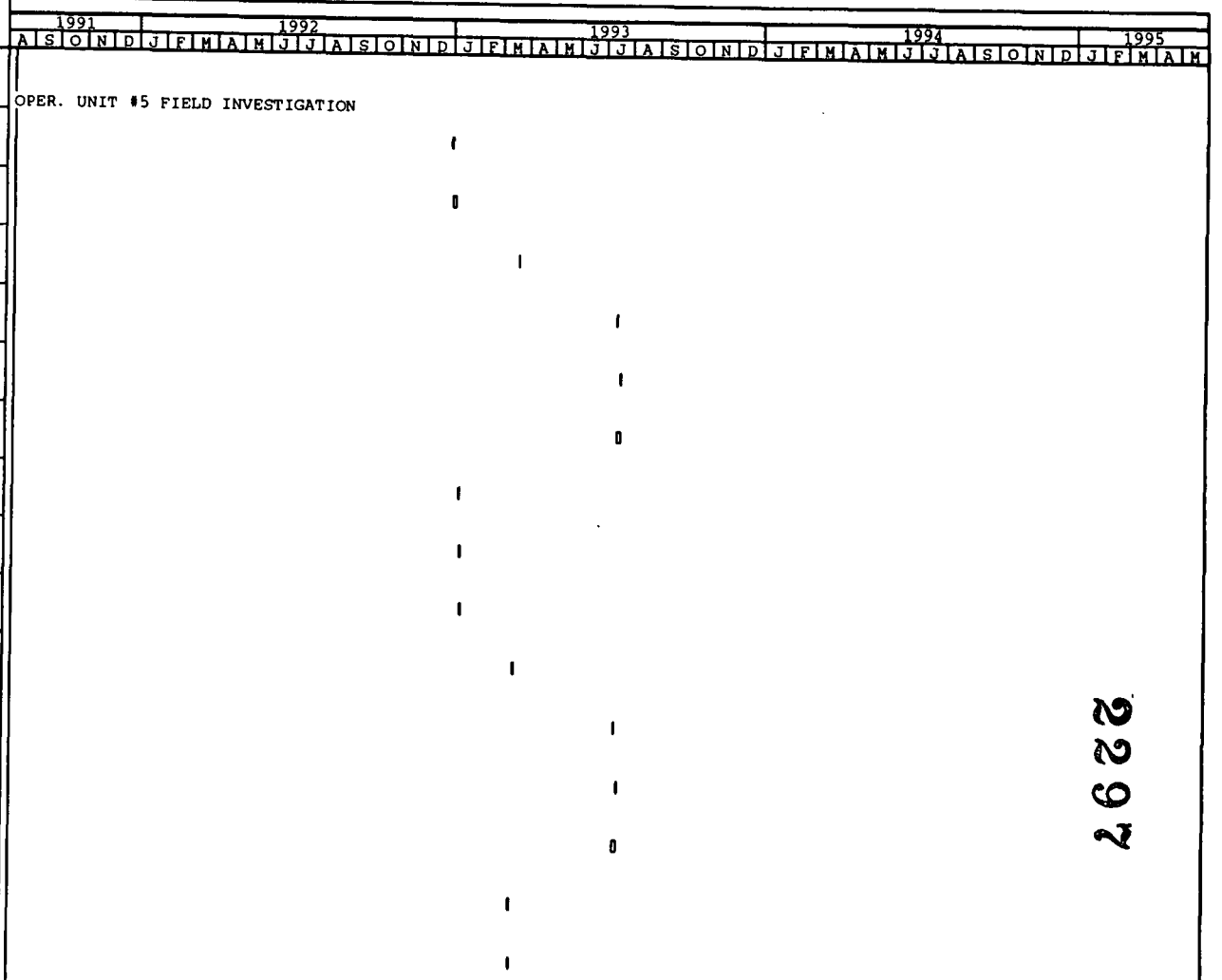
Date	Revision	Checked	Approved

000328

2297



MOBILIZATION 5203A10542	OD 1	RD 1	LS 31DEC92 LF 31DEC92
WELL INSTALLATION (1 - 2K SERIES WELL) 5203A10544	OD 4	RD 4	LS 1JAN93 LF 4JAN93
SHIPPING/ARCHIVING 5203A10546	OD 1	RD 1	LS 21MAR93 LF 21MAR93
FIELD DATA VALIDATION 5203A10547	OD 1	RD 1	LS 15JUL93 LF 15JUL93
DEMOBILIZATION 5203A10548	OD 1	RD 1	LS 19JUL93 LF 19JUL93
FIELD DATA ENTRY 5203A10549	OD 2	RD 2	LS 16JUL93 LF 19JUL93
TASK SPECIFIC WELL DEVELOPMENT TRAINING 5203A10660	OD 1	RD 1	LS 11JAN93 LF 11JAN93
WELL DEVELOPMENT MOBILIZATION 5203A10662	OD 1	RD 1	LS 12JAN93 LF 12JAN93
WELL DEVELOPMENT/SAMPLING (1 - 2K SERIES WELL) 5203A10664	OD 2	RD 2	LS 13JAN93 LF 14JAN93
SHIPPING/ARCHIVING 5203A10676	OD 1	RD 1	LS 18MAR93 LF 18MAR93
FIELD DATA VALIDATION 5203A10677	OD 1	RD 1	LS 15JUL93 LF 15JUL93
DEMOBILIZATION/DECON 5203A10678	OD 1	RD 1	LS 19JUL93 LF 19JUL93
FIELD DATA ENTRY 5203A10679	OD 2	RD 2	LS 16JUL93 LF 19JUL93
TASK SPECIFIC TRAINING 5203A10770	OD 1	RD 1	LS 16MAR93 LF 16MAR93
MOBILIZATION 5203A10772	OD 1	RD 1	LS 17MAR93 LF 17MAR93



Activity Bar/Late Dates
Critical Activity
Progress Bar

Primavera Systems, Inc. 1984-1991

Project Start : 31OCT90
Project Finish: 4MAY01

RI/FS PROJECT SCHEDULES
FERNALD ENVIRONMENTAL MGMT. PROJECT
OPERABLE UNIT 5 BAR CHART LEVEL IV

Sheet 3 of 27

Data Date: 10AUG91
Plot Date: 12SEP91

Prepared by ASI/IT Corp.

Date	Revision	Checked	Approved

000329

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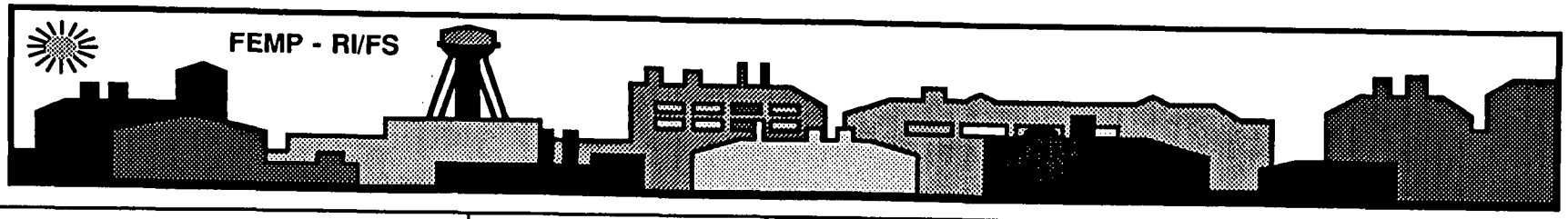
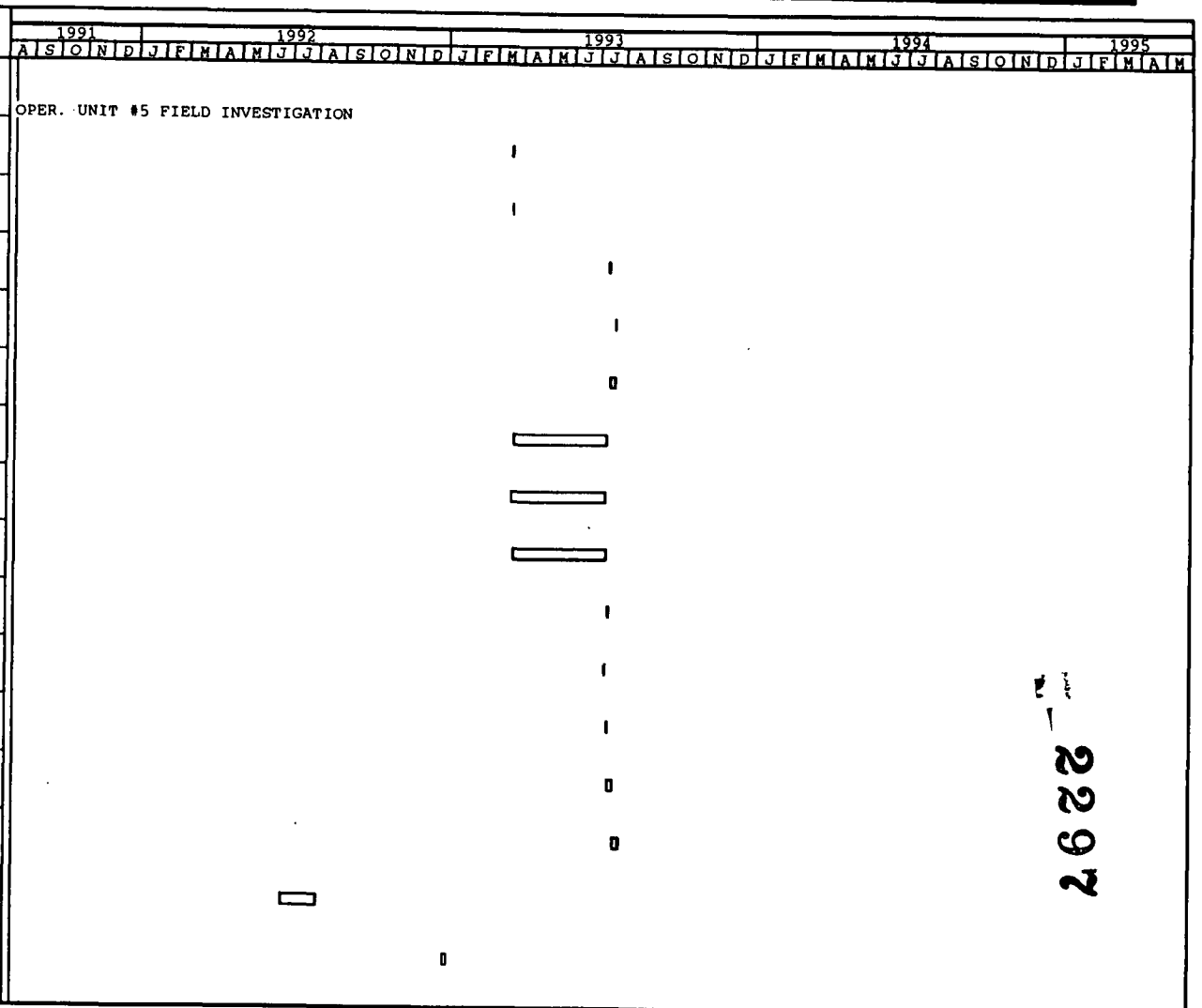


WATER SAMPLING 5203A10774 LS 18MAR93	OD 1 LF 18MAR93	RD 1	
SHIPPING/ARCHIVING 5203A10776 LS 19MAR93	OD 1 LF 19MAR93	RD 1	
FIELD DATA VALIDATION 5203A10777 LS 12JUL93	OD 1 LF 12JUL93	RD 1	
DEMOBILZATION/DECON 5203A10778 LS 19JUL93	OD 1 LF 19JUL93	RD 1	
FIELD DATA ENTRY 5203A10779 LS 13JUL93	OD 5 LF 19JUL93	RD 5	
LABORATORY ANALYSIS/REPORT SOIL 5203A10992 LS 22MAR93	OD 80 LF 9JUL93	RD 80	
LAB ANALYSIS/REPORT H2O SAMPLE1 5203A10993 LS 19MAR93	OD 80 LF 8JUL93	RD 80	
LAB ANALYSIS/REPORT H2O SAMPLE2 5203A10994 LS 22MAR93	OD 80 LF 9JUL93	RD 80	
REC LAB REP SOIL 5203A10995 LS 12JUL93	OD 1 LF 12JUL93	RD 1	
REC LAB RPT H20 SAMPLE1 5203A10996 LS 9JUL93	OD 1 LF 9JUL93	RD 1	
REC LAB RPT H2O SAMPLE2 5203A10997 LS 12JUL93	OD 1 LF 12JUL93	RD 1	
VALIDATE LABORATORY REPORT 5203A10998 LS 13JUL93	OD 5 LF 19JUL93	RD 5	
DATA BASE ENTRY 5203A10999 LS 20JUL93	OD 5 LF 26JUL93	RD 5	
LAND OWNER LICENSE AGREEMENT 5203A11334 LS 23JUN92	OD 30 LF 3AUG92	RD 30	
UTILITY APPROVAL PADDYS RUN SOUTH 5203A11336 LS 1JAN93	OD 3 LF 5JAN93	RD 3	



Activity Bar/Late Dates
Critical Activity
Progress Bar

Primavera Systems, Inc. 1984-1991

RI/FS PROJECT SCHEDULES
FERNALD ENVIRONMENTAL MGMT. PROJECT
OPERABLE UNIT 5 BAR CHART LEVEL IV

Project Start : 31OCT90
Project Finish: 4MAY01

Sheet 4 of 27

Data Date: 10AUG91
Plot Date: 12SEP91

Prepared by ASI/IT Corp.

Date	Revision	Checked	Approved

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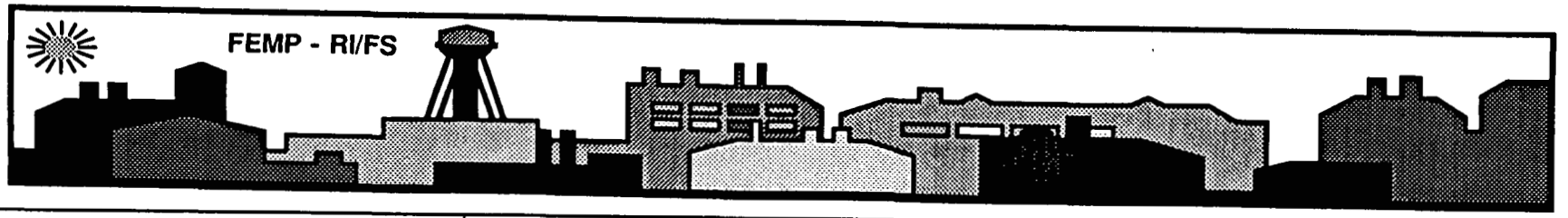
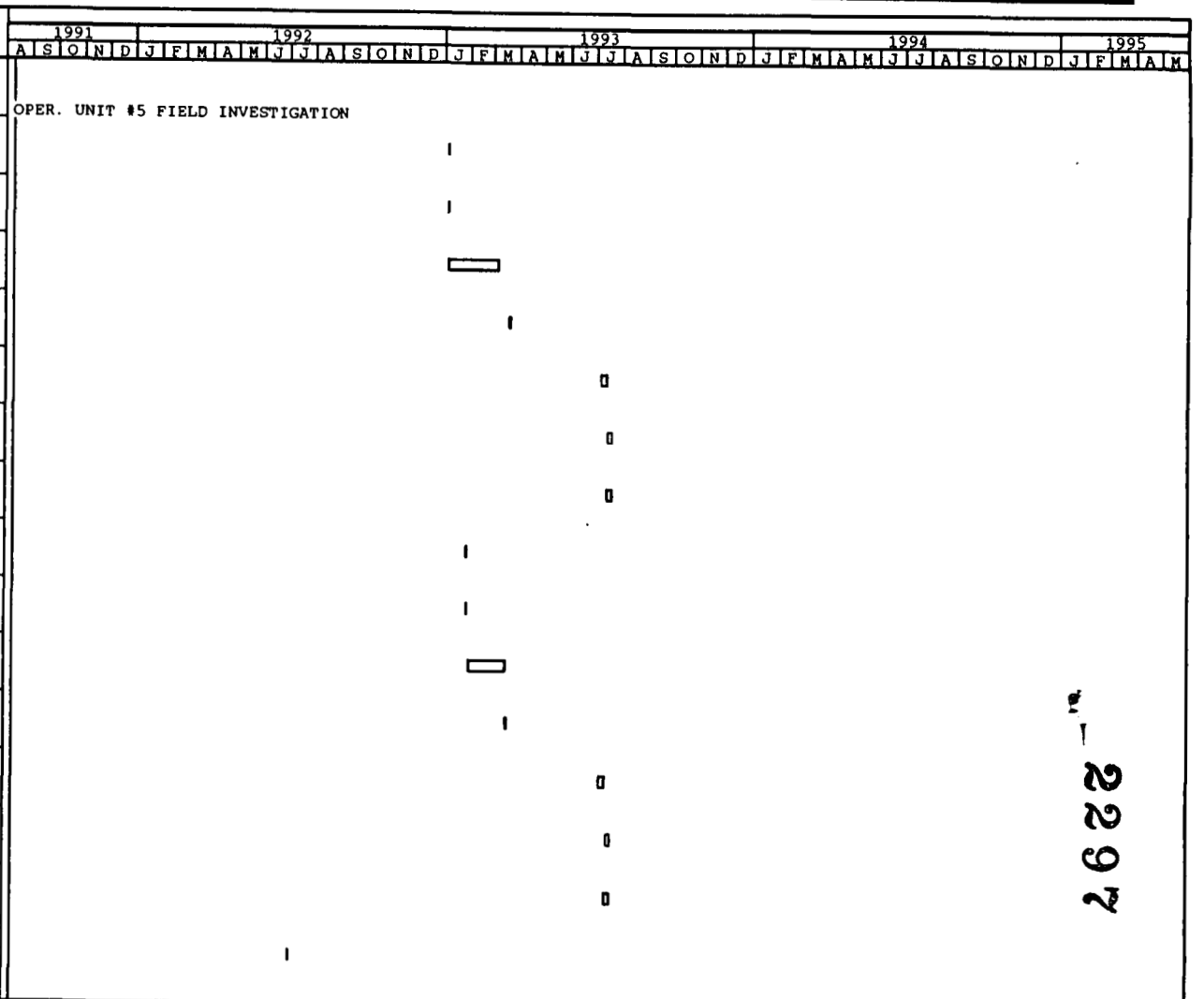


PADDYS RUN SOUTH SPECIFIC TRAINING 5203A11540 OD 1 RD 1 LS 5JAN93 LF 5JAN93			
MOBILIZATION 5203A11542 OD 1 RD 1 LS 5JAN93 LF 5JAN93			
WELL INSTALLATION (3 - 2K, 6 - 3K SERIES WELLS) 5203A11544 OD 60 RD 60 LS 6JAN93 LF 6MAR93			
SHIPPING/ARCHIVING 5203A11546 OD 2 RD 2 LS 20MAR93 LF 21MAR93			
FIELD DATA VALIDATION 5203A11547 OD 5 RD 5 LS 6JUL93 LF 12JUL93			
DEMOBILIZATION 5203A11548 OD 5 RD 5 LS 15JUL93 LF 19JUL93			
FIELD DATA ENTRY 5203A11549 OD 5 RD 5 LS 13JUL93 LF 19JUL93			
TASK SPECIFIC WELL DEVELOPMENT TRAINING 5203A11660 OD 1 RD 1 LS 28JAN93 LF 28JAN93			
WELL DEVELOPMENT MOBILIZATION 5203A11662 OD 1 RD 1 LS 29JAN93 LF 29JAN93			
WELL DEVELOPMENT/SAMPLING 5203A11664 OD 32 RD 32 LS 1FEB93 LF 16MAR93			
SHIPPING/ARCHIVING 5203A11676 OD 2 RD 2 LS 17MAR93 LF 18MAR93			
FIELD DATA VALIDATION 5203A11677 OD 5 RD 5 LS 6JUL93 LF 12JUL93			
DEMOBILIZATION/DECON 5203A11678 OD 2 RD 2 LS 16JUL93 LF 19JUL93			
FIELD DATA ENTRY 5203A11679 OD 5 RD 5 LS 13JUL93 LF 19JUL93			
TASK SPECIFIC TRAINING 5203A11770 OD 1 RD 1 LS 3JUL92 LF 3JUL92			



Activity Bar/Late Dates
Critical Activity
Progress Bar

Primavera Systems, Inc. 1984-1991

RI/FS PROJECT SCHEDULES
FERNALD ENVIRONMENTAL MGMT. PROJECT
OPERABLE UNIT 5 BAR CHART LEVEL IV

Project Start : 31OCT90
Project Finish: 4MAY01

Sheet 5 of 27

Data Date: 10AUG91
Plot Date: 12SEP91

Prepared by ASI/IT Corp.

Date	Revision	Checked	Approved

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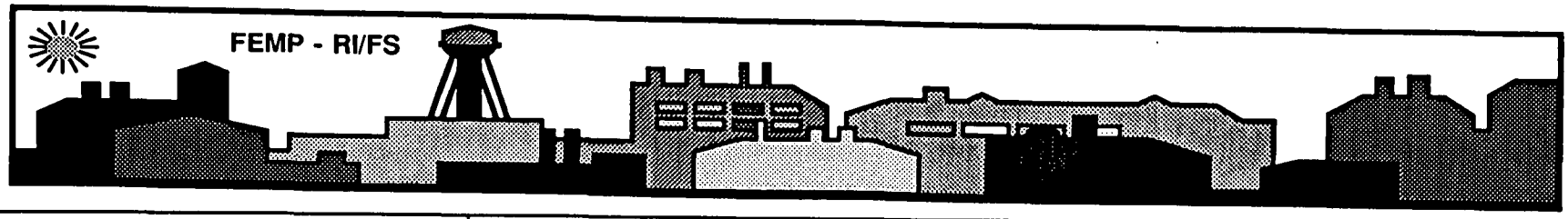
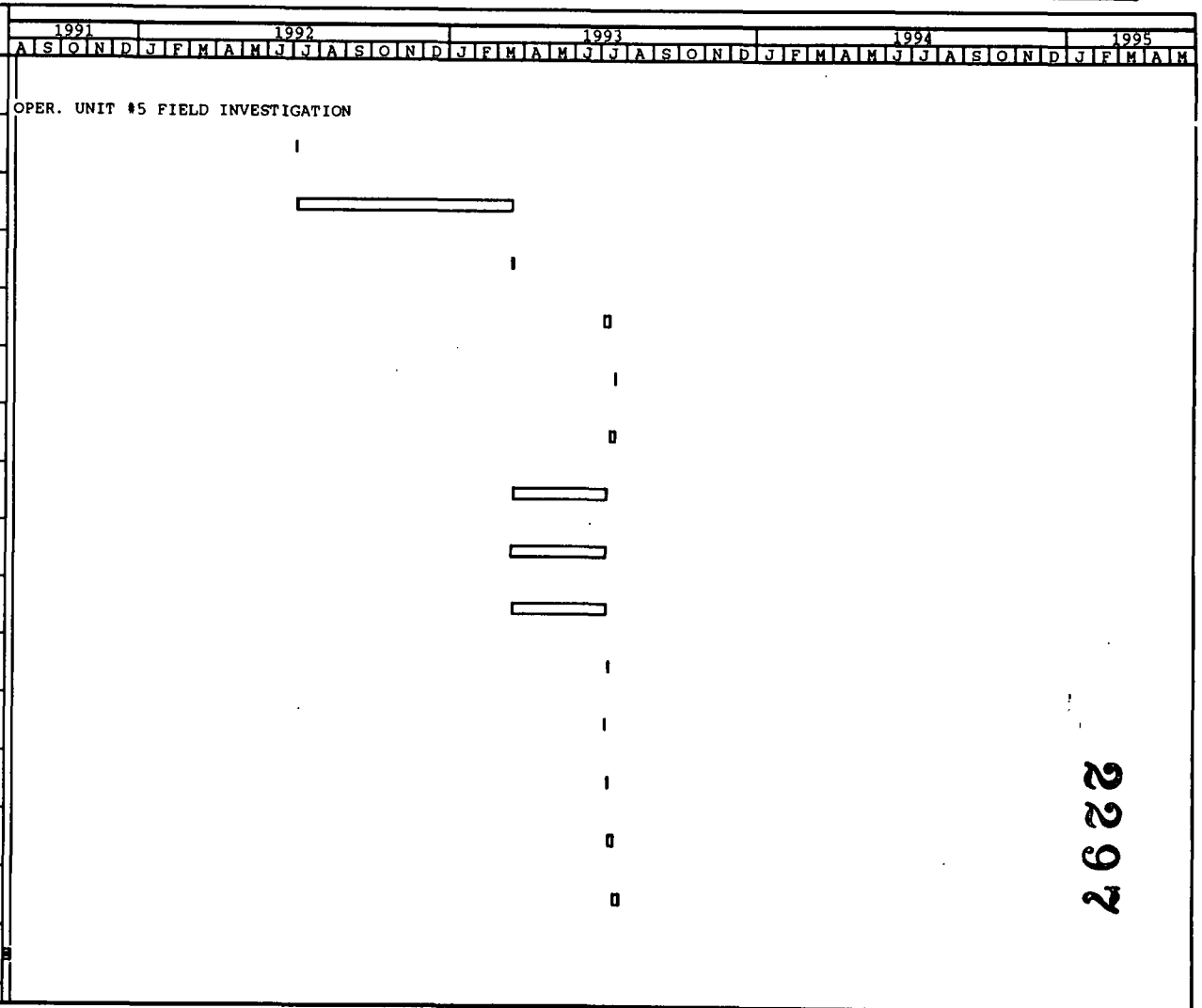


MOBILIZATION 5203A11772	OD 1	RD 1	
LS 6JUL92	LF 6JUL92		
WATER SAMPLING 5203A11774	OD 256	RD 256	
LS 7JUL92	LF 19MAR93		
SHIPPING/ARCHIVING 5203A11776	OD 2	RD 2	
LS 20MAR93	LF 21MAR93		
FIELD DATA VALIDATION 5203A11777	OD 5	RD 5	
LS 6JUL93	LF 12JUL93		
DEMOBILZATION/DECON 5203A11778	OD 1	RD 1	
LS 19JUL93	LF 19JUL93		
FIELD DATA ENTRY 5203A11779	OD 5	RD 5	
LS 13JUL93	LF 19JUL93		
LABORATORY ANALYSIS/REPORT SOIL 5203A11992	OD 80	RD 80	
LS 22MAR93	LF 9JUL93		
LAB ANALYSIS/REPORT H2O SAMPLE1 5203A11993	OD 80	RD 80	
LS 19MAR93	LF 8JUL93		
LAB ANALYSIS/REPORT ADDITIONAL H2O SAMPLES 5203A11994	OD 80	RD 80	
LS 22MAR93	LF 9JUL93		
REC LAB REP SOIL 5203A11995	OD 1	RD 1	
LS 12JUL93	LF 12JUL93		
REC LAB RPT H20 SAMPLE1 5203A11996	OD 1	RD 1	
LS 9JUL93	LF 9JUL93		
REC LAB RPT ADDL H2O SAMPS 5203A11997	OD 1	RD 1	
LS 12JUL93	LF 12JUL93		
VALIDATE LABORATORY REPORT 5203A11998	OD 5	RD 5	
LS 13JUL93	LF 19JUL93		
DATA BASE ENTRY 5203A11999	OD 5	RD 5	
LS 20JUL93	LF 26JUL93		
TASK SPECIFIC WELL DEVELOPMENT TRAINING 5203A12660	OD 1	RD 0	
AS 29MAR91			



Activity Bar/Late Dates
Critical Activity
Progress Bar

Primavera Systems, Inc. 1984-1991

RI/FS PROJECT SCHEDULES
FERNALD ENVIRONMENTAL MGMT. PROJECT
OPERABLE UNIT 5 BAR CHART LEVEL IV

Project Start : 31OCT90
Project Finish: 4MAY01

Sheet 6 of 27

Data Date: 10AUG91
Plot Date: 12SEP91

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Date	Revision	Checked	Approved

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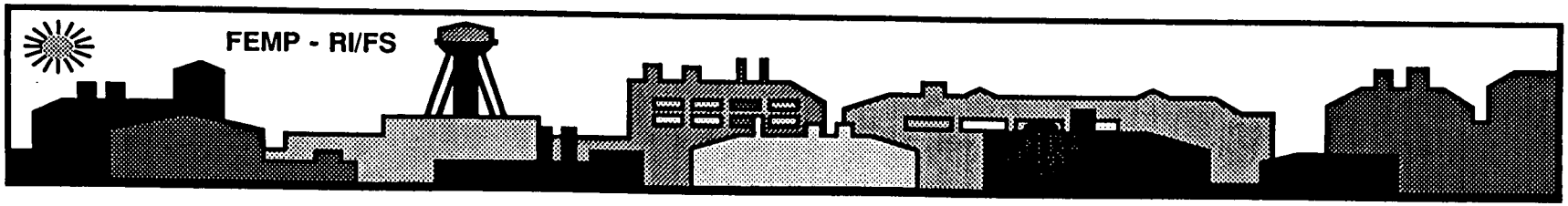
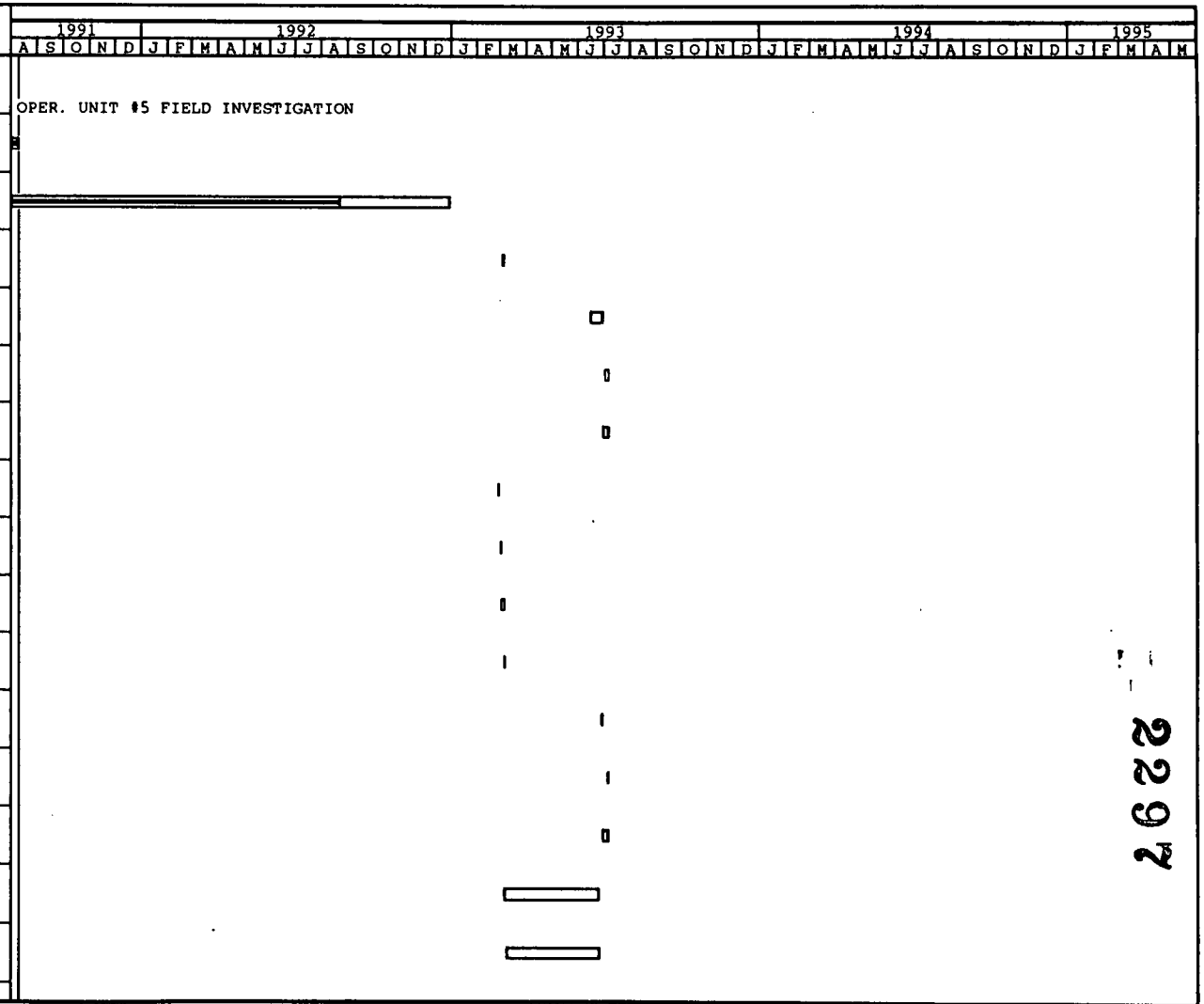


WELL DEVELOPMENT MOBILIZATION 5203A12662 OD 1 RD 0 AS 1APR91	OPER. UNIT #5 FIELD INVESTIGATION
WELL DEVELOP/SAMPLING & RCRA WLS 5203A12664 OD 20 RD 5 AS 2APR91 LF 29DEC92	
SHIPPING/ARCHIVING 5203A12676 OD 2 RD 2 LS 3MAR93 LF 4MAR93	
FIELD DATA VALIDATION 5203A12677 OD 10 RD 10 LS 15JUN93 LF 28JUN93	
DEMOBILIZATION/DECON 5203A12678 OD 2 RD 2 LS 2JUL93 LF 5JUL93	
FIELD DATA ENTRY 5203A12679 OD 5 RD 5 LS 29JUN93 LF 5JUL93	
TASK SPECIFIC TRAINING 5203A12770 OD 1 RD 1 LS 26FEB93 LF 26FEB93	
MOBILIZATION 5203A12772 OD 1 RD 1 LS 1MAR93 LF 1MAR93	
WATER SAMPLING 5203A12774 OD 3 RD 3 LS 2MAR93 LF 4MAR93	
SHIPPING/ARCHIVING 5203A12776 OD 1 RD 1 LS 5MAR93 LF 5MAR93	
FIELD DATA VALIDATION 5203A12777 OD 1 RD 1 LS 28JUN93 LF 28JUN93	
DEMOBILZATION/DECON 5203A12778 OD 1 RD 1 LS 5JUL93 LF 5JUL93	
FIELD DATA ENTRY 5203A12779 OD 5 RD 5 LS 29JUN93 LF 5JUL93	
LAB ANALYSIS/REPORT H2O SAMPLE1 5203A12993 OD 80 RD 80 LS 5MAR93 LF 24JUN93	
LAB ANALYSIS/REPORT H2O SAMPLE2 5203A12994 OD 80 RD 80 LS 8MAR93 LF 25JUN93	



Activity Bar/Late Dates
Critical Activity
Progress Bar

Primavera Systems, Inc. 1984-1991

RI/FS PROJECT SCHEDULES
FERNALD ENVIRONMENTAL MGMT. PROJECT
OPERABLE UNIT 5 BAR CHART LEVEL IV

Project Start : 31OCT90
Project Finish: 4MAY01

Sheet 7 of 27

Data Date: 10AUG91
Plot Date: 12SEP91

Prepared by ASI/IT Corp.

Date	Revision	Checked	Approved

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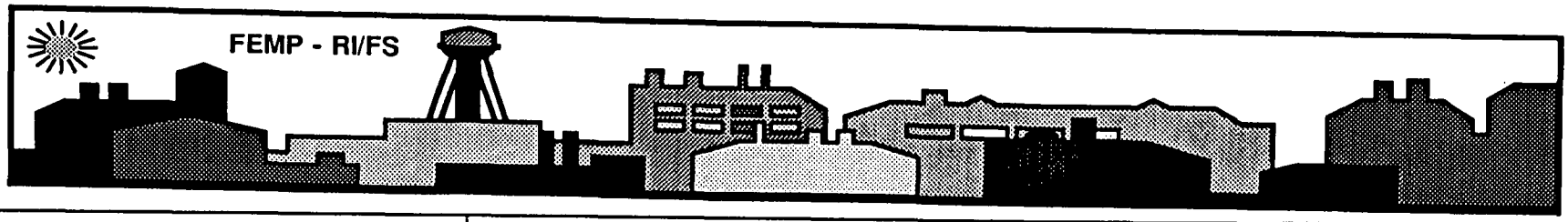
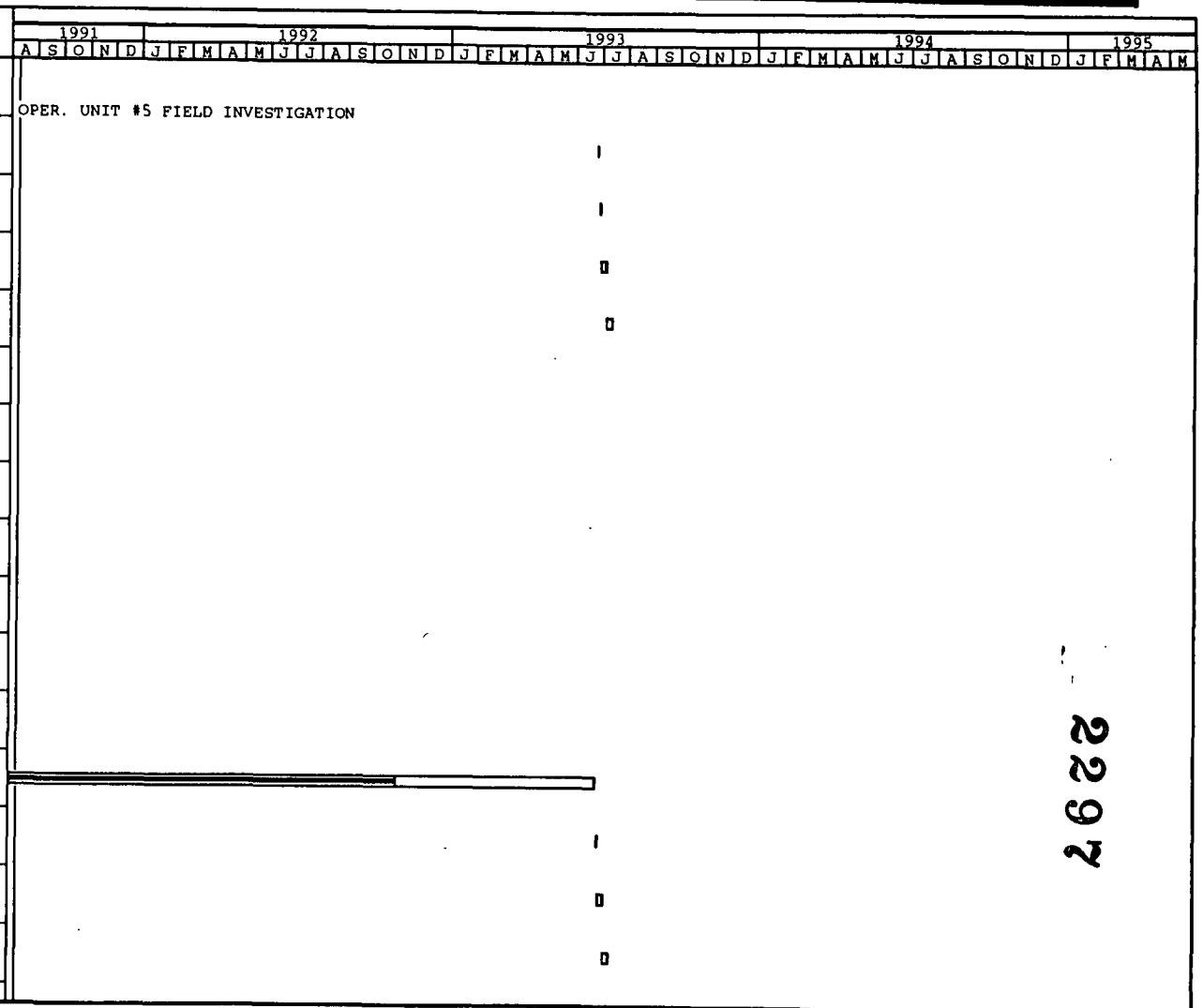


REC LAB RPT H20 SAMPLE1 5203A12996 OD 1 RD 1 LS 25JUN93 LF 25JUN93			
REC LAB RPT H2O SAMPLE2 5203A12997 OD 1 RD 1 LS 28JUN93 LF 28JUN93			
VALIDATE LABORATORY REPORT 5203A12998 OD 5 RD 5 LS 29JUN93 LF 5JUL93			
DATA BASE ENTRY 5203A12999 OD 5 RD 5 LS 6JUL93 LF 12JUL93			
TASK SPECIFIC TRAINING 5203A13770 OD 1 RD 0 AS 13JAN91 AF 13JAN91			
MOBILIZATION 5203A13772 OD 1 RD 0 AS 14JAN91 AF 14JAN91			
WATER SAMP 6 WL PROG 5203A13774 OD 2 RD 0 AS 15JAN91 AF 16JAN91			
SHIPPING/ARCHIVING 5203A13776 OD 2 RD 0 AS 16JAN91 AF 17JAN91			
FIELD DATA VALIDATION 5203A13777 OD 1 RD 0 AS 18JAN91 AF 18JAN91			
DEMOBILZATION/DECON 5203A13778 OD 1 RD 0 AS 17JAN91 AF 17JAN91			
DATA ENTRY 5203A13779 OD 10 RD 0 AS 21JAN91 AF 1FEB91			
LAB ANALYSIS/REPORT H2O SAMPLE2 5203A13994 OD 120 RD 41 AS 18JAN91 LF 25JUN93			
REC LAB RPT H2O SAMPLE2 5203A13997 OD 1 RD 1 LS 28JUN93 LF 28JUN93			
VALIDATE LABORATORY REPORT 5203A13998 OD 5 RD 5 LS 29JUN93 LF 5JUL93			
DATA BASE ENTRY 5203A13999 OD 5 RD 5 LS 6JUL93 LF 12JUL93			



Activity Bar/Late Dates
Critical Activity
Progress Bar

Primavera Systems, Inc. 1984-1991

Project Start : 31OCT90
Project Finish: 4MAY01

RI/FS PROJECT SCHEDULES
FERNALD ENVIRONMENTAL MGMT. PROJECT
OPERABLE UNIT 5 BAR CHART LEVEL IV

Sheet 8 of 27

Data Date: 10AUG91
Plot Date: 12SEP91

Prepared by ASI/IT Corp.

Date	Revision	Checked	Approved

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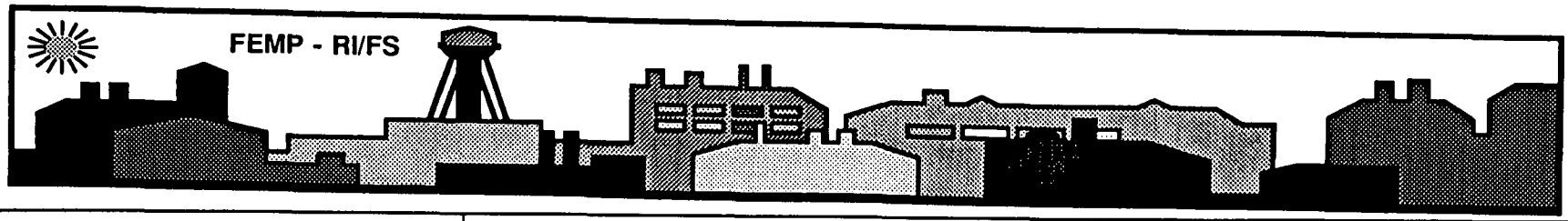
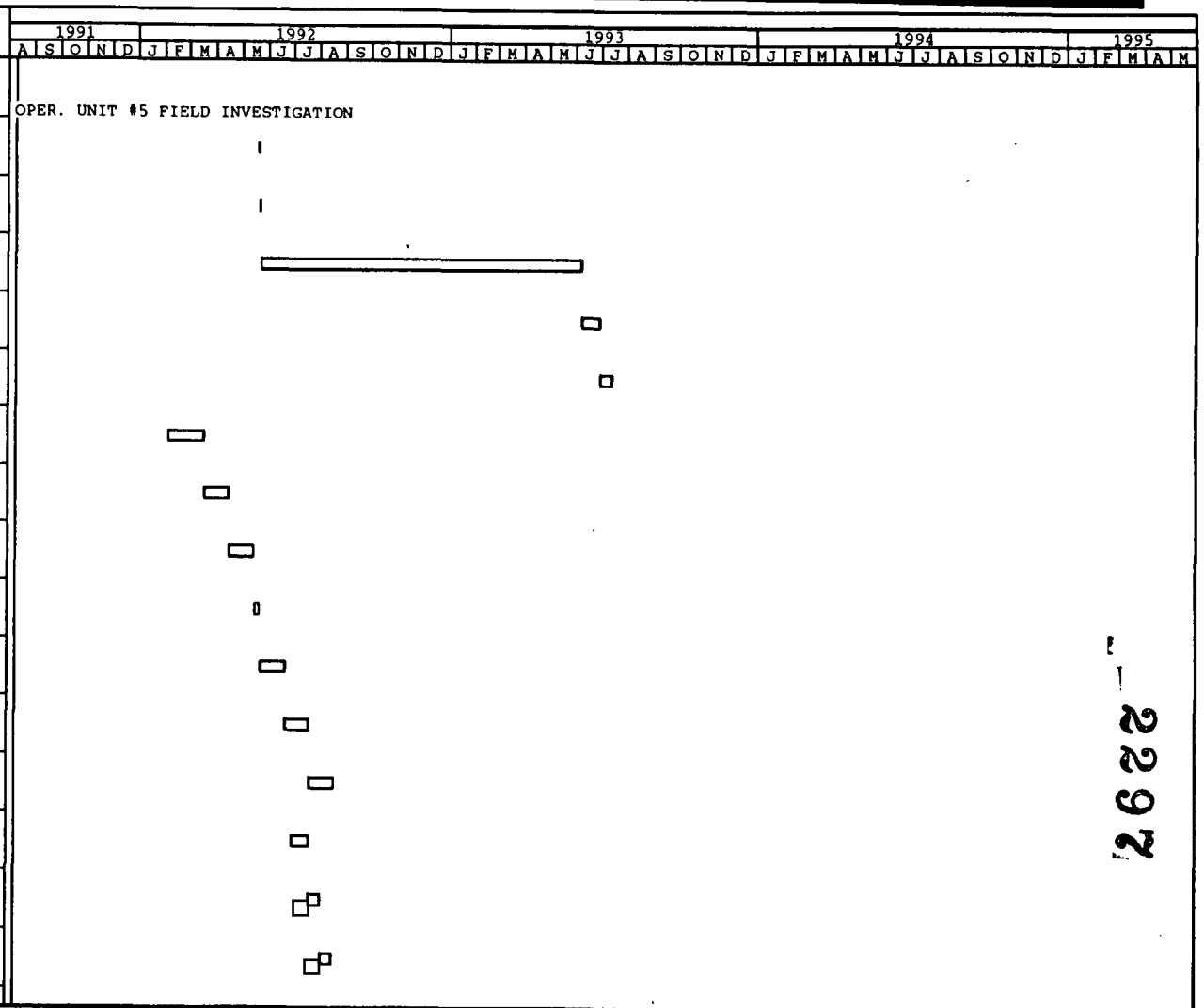


TASK SPECIFIC TRAINING 5203A14770	OD 1	RD 1	LS 21MAY92 LF 21MAY92
MOBILIZATION 5203A14772	OD 1	RD 1	LS 22MAY92 LF 22MAY92
WATER LEVEL MEASUREMENTS 5203A14774	OD 380	RD 380	LS 24MAY92 LF 7JUN93
FIELD DATA VALIDATION 5203A14777	OD 15	RD 15	LS 8JUN93 LF 28JUN93
FIELD DATA ENTRY 5203A14779	OD 10	RD 10	LS 29JUN93 LF 12JUL93
DRAFT OU5 SAMPLING WORK PLAN 5203A17110	OD 30	RD 30	LS 6FEB92 LF 18MAR92
DOE/WMCO REVIEW WORK PLAN 5203A17112	OD 21	RD 21	LS 19MAR92 LF 16APR92
REVISE WORK PLAN 5203A17114	OD 21	RD 21	LS 17APR92 LF 15MAY92
DOE/FMPC APPROVAL OF WORK PLAN 5203A17115	OD 5	RD 5	LS 18MAY92 LF 22MAY92
EPA REVIEW OF WORK PLAN 5203A17116	OD 21	RD 21	LS 25MAY92 LF 22JUN92
PREPARE FINAL WORK PLAN 5203A17117	OD 21	RD 21	LS 23JUN92 LF 21JUL92
EPA APPROVAL OU5 SAMPLING WORK PLAN 5203A17118	OD 21	RD 21	LS 22JUL92 LF 19AUG92
DRAFT OU5 SAMPLING H&S PLAN 5203A17210	OD 15	RD 15	LS 1JUL92 LF 21JUL92
DOE/WMCO REVIEW H&S PLAN 5203A17212	OD 10	RD 10	LS 22JUL92 LF 4AUG92
PREPARE FINAL H&S PLAN 5203A17214	OD 10	RD 10	LS 5AUG92 LF 18AUG92



Activity Bar/Late Dates
Critical Activity
Progress Bar

Primavera Systems, Inc. 1984-1991

Project Start : 31OCT90
Project Finish: 4MAY01

RI/FS PROJECT SCHEDULES
FERNALD ENVIRONMENTAL MGMT. PROJECT
OPERABLE UNIT 5 BAR CHART LEVEL IV

Sheet 9 of 27

Data Date: 10AUG91
Plot Date: 12SEP91

Prepared by ASI/IT Corp.

Date	Revision	Checked	Approved

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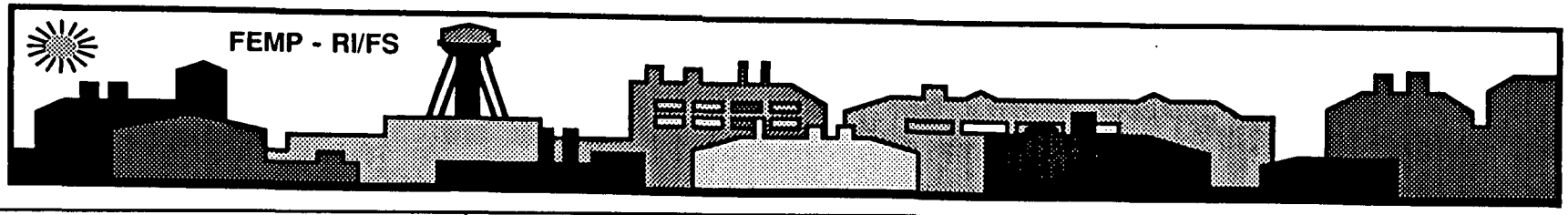
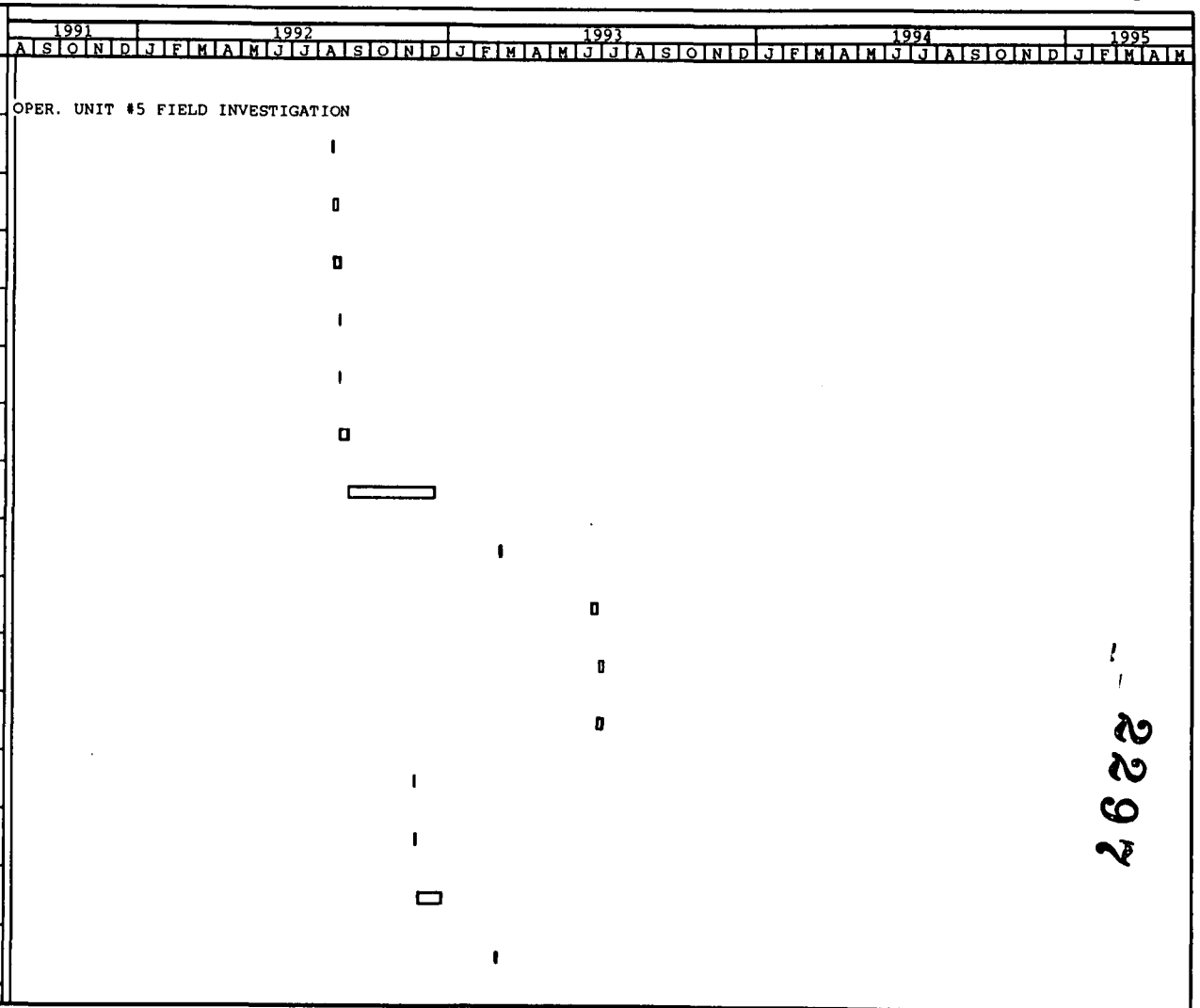


DOE/WMCO APPROVAL H&S WORK PLAN	5203A17215	OD 1	RD 1
	LS 19AUG92	LF 19AUG92	
PENETRATION PERMIT (OU5 SAMPLING)	5203A17330	OD 3	RD 3
	LS 20AUG92	LF 24AUG92	
ERA PERMIT APPROVAL OU5 SAMPLING	5203A17332	OD 5	RD 5
	LS 21AUG92	LF 27AUG92	
RADIATION WORK PERMIT (OU5 SAMPLING)	5203A17338	OD 1	RD 1
	LS 28AUG92	LF 28AUG92	
OU5 SAMPLING SPECIFIC TRAINING	5203A17540	OD 1	RD 1
	LS 28AUG92	LF 28AUG92	
MOBILIZATION	5203A17542	OD 10	RD 10
	LS 29AUG92	LF 7SEP92	
68 BORINGS (PIEZOMETERS)	5203A17544	OD 102	RD 102
	LS 8SEP92	LF 18DEC92	
SHIPPING/ARCHIVING	5203A17546	OD 2	RD 2
	LS 6MAR93	LF 7MAR93	
FIELD DATA VALIDATION	5203A17547	OD 5	RD 5
	LS 22JUN93	LF 28JUN93	
DEMOBILIZATION	5203A17548	OD 5	RD 5
	LS 1JUL93	LF 5JUL93	
FIELD DATA ENTRY	5203A17549	OD 5	RD 5
	LS 29JUN93	LF 5JUL93	
TASK SPECIFIC WELL DEVELOPMENT TRAINING	5203A17660	OD 1	RD 1
	LS 26NOV92	LF 26NOV92	
WELL DEVELOPMENT MOBILIZATION	5203A17662	OD 1	RD 1
	LS 27NOV92	LF 27NOV92	
WELL DEVELOPMENT/SAMPLING (51 PIEZOMETERS)	5203A17664	OD 21	RD 21
	LS 30NOV92	LF 28DEC92	
SHIPPING/ARCHIVING	5203A17676	OD 2	RD 2
	LS 3MAR93	LF 4MAR93	



Activity Bar/Late Dates
Critical Activity
Progress Bar

Primavera Systems, Inc. 1984-1991

RI/FS PROJECT SCHEDULES
FERNALD ENVIRONMENTAL MGMT. PROJECT
OPERABLE UNIT 5 BAR CHART LEVEL IV

Sheet 10 of 27

Project Start : 31OCT90
Project Finish: 4MAY01

Data Date: 10AUG91
Plot Date: 12SEP91

Prepared by ASI/IT Corp.

Date	Revision	Checked	Approved

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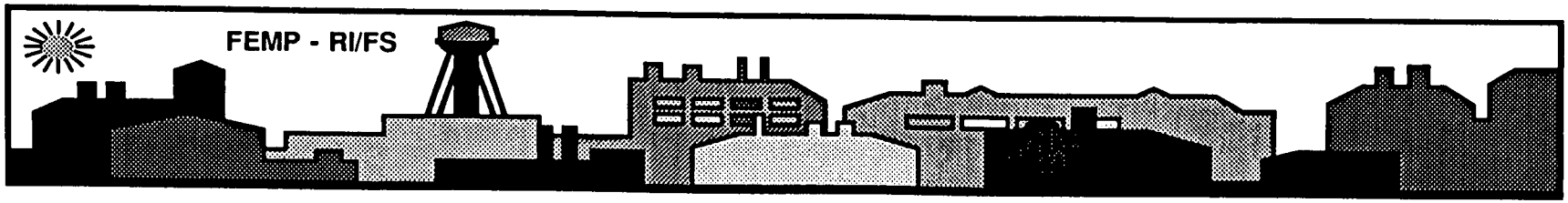
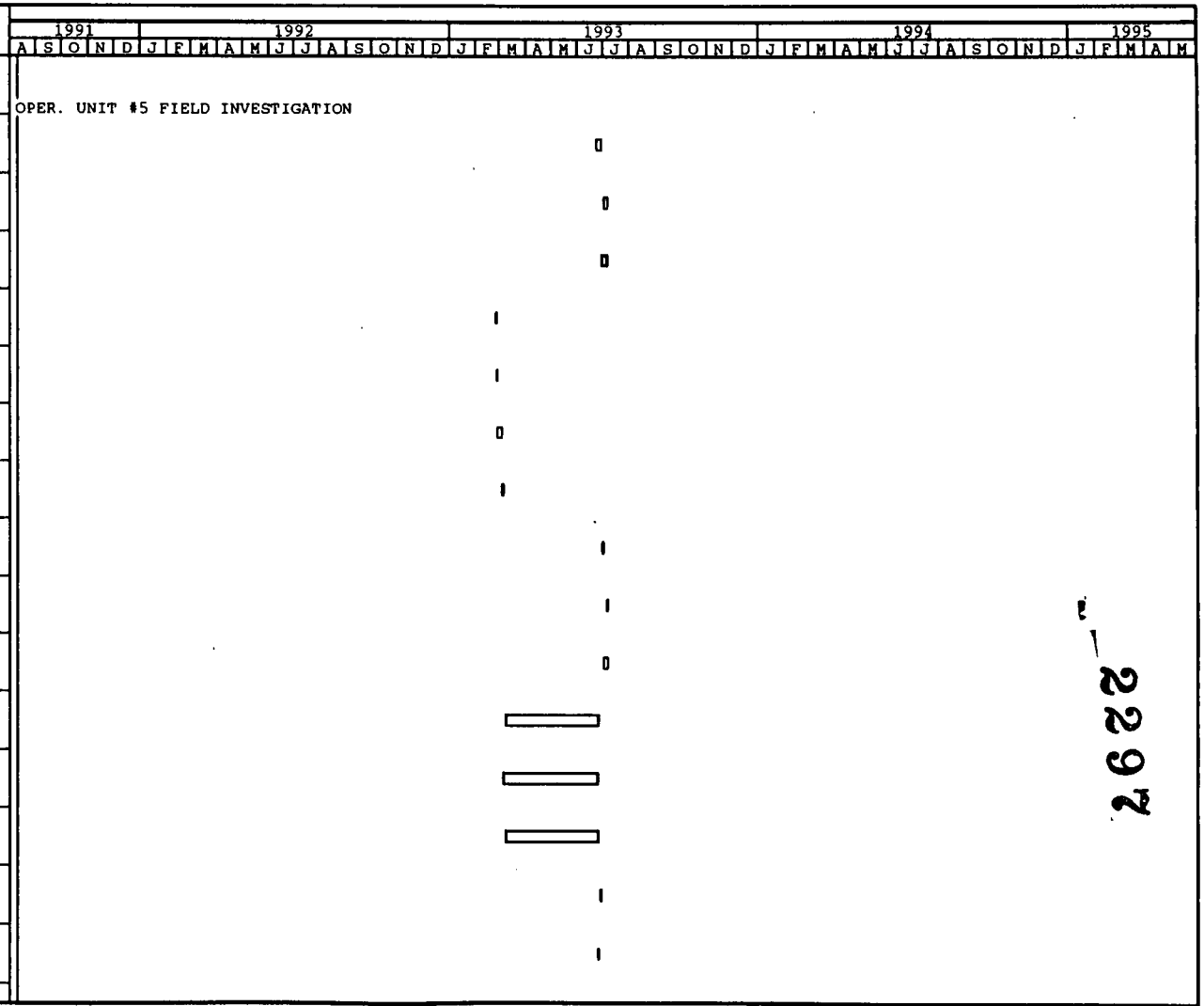


FIELD DATA VALIDATION 5203A17677 OD 3 RD 3 LS 24JUN93 LF 28JUN93	
DEMOBILIZATION/DECON 5203A17678 OD 2 RD 2 LS 2JUL93 LF 5JUL93	
FIELD DATA ENTRY 5203A17679 OD 5 RD 5 LS 29JUN93 LF 5JUL93	
TASK SPECIFIC TRAINING 5203A17770 OD 1 RD 1 LS 25FEB93 LF 25FEB93	
MOBILIZATION 5203A17772 OD 1 RD 1 LS 26FEB93 LF 26FEB93	
WATER SAMPLING (51 PIEZOMETERS) 5203A17774 OD 5 RD 5 LS 27FEB93 LF 3MAR93	
SHIPPING/ARCHIVING 5203A17776 OD 2 RD 2 LS 4MAR93 LF 5MAR93	
FIELD DATA VALIDATION 5203A17777 OD 1 RD 1 LS 30JUN93 LF 30JUN93	
DEMOBILIZATION/DECON 5203A17778 OD 1 RD 1 LS 5JUL93 LF 5JUL93	
FIELD DATA ENTRY 5203A17779 OD 3 RD 3 LS 1JUL93 LF 5JUL93	
LABORATORY ANALYSIS/REPORT SOIL 5203A17992 OD 80 RD 80 LS 8MAR93 LF 25JUN93	
LAB ANALYSIS/REPORT H2O SAMPLE1 5203A17993 OD 80 RD 80 LS 5MAR93 LF 24JUN93	
LAB ANALYSIS/REPORT H2O SAMPLE2 5203A17994 OD 80 RD 80 LS 8MAR93 LF 25JUN93	
REC LAB REP SOIL 5203A17995 OD 1 RD 1 LS 28JUN93 LF 28JUN93	
REC LAB RPT H20 SAMPLE1 5203A17996 OD 1 RD 1 LS 25JUN93 LF 25JUN93	



Activity Bar/Late Dates
Critical Activity
Progress Bar

Primavera Systems, Inc. 1984-1991

RI/FS PROJECT SCHEDULES
FERNALD ENVIRONMENTAL MGMT. PROJECT
OPERABLE UNIT 5 BAR CHART LEVEL IV

Project Start : 31OCT90
Project Finish: 4MAY01

Sheet 11 of 27

Data Date: 10AUG91
Plot Date: 12SEP91

Prepared by ASI/IT Corp.

Date	Revision	Checked	Approved

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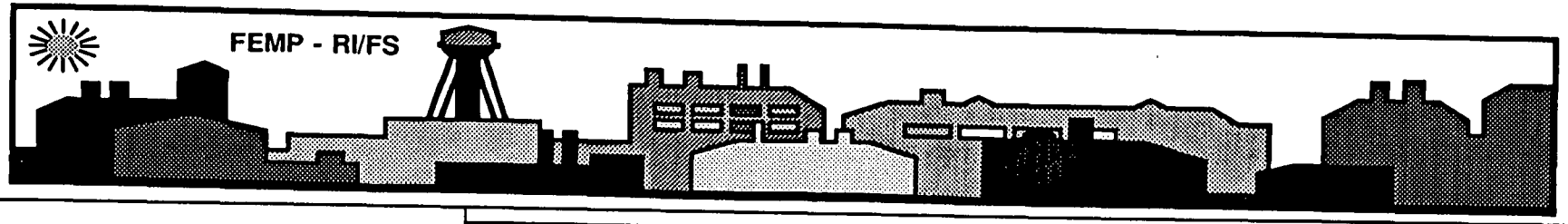
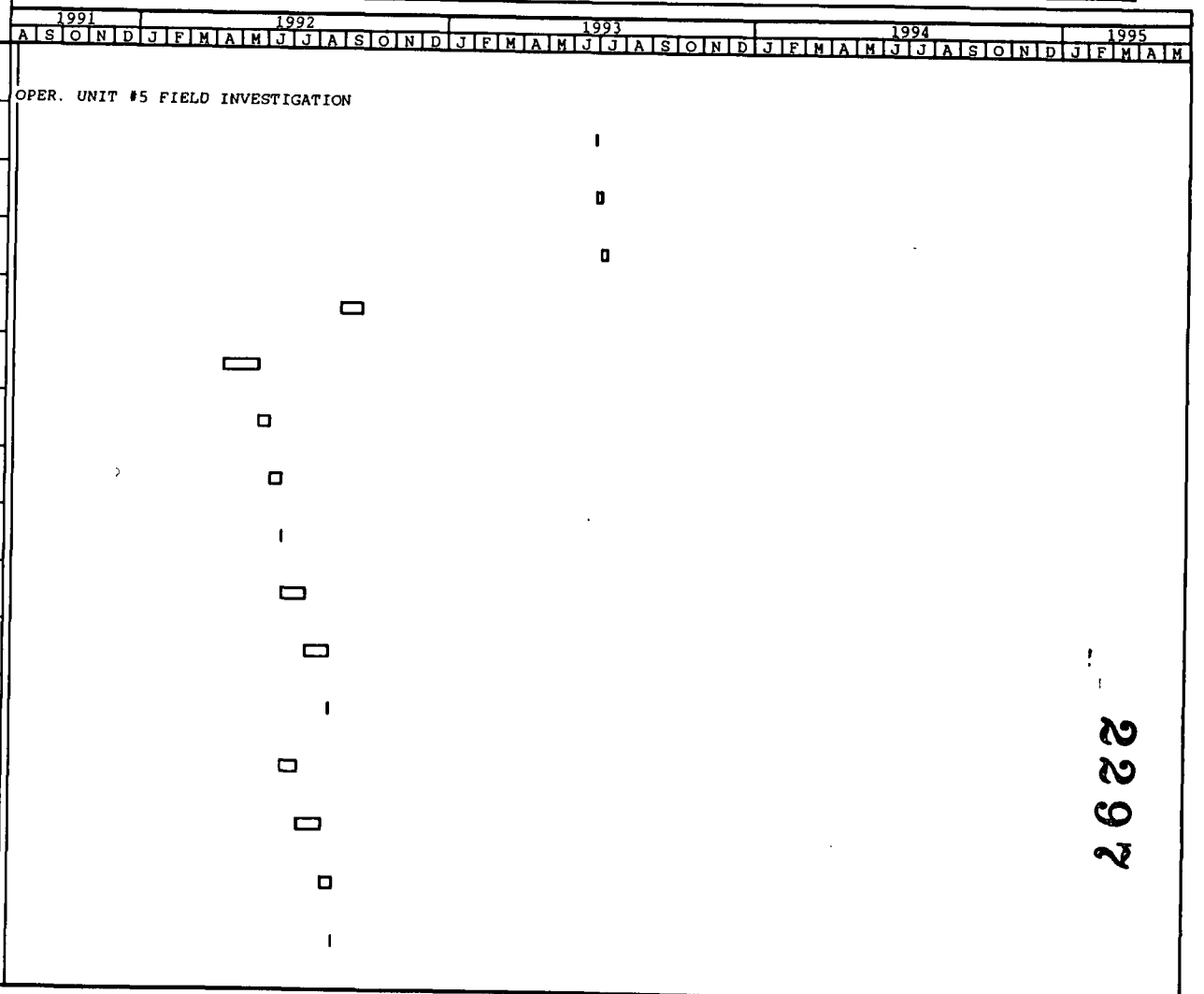


REC LAB RPT H2O SAMPLE2 5203A17997 OD 1 RD 1 LS 28JUN93 LF 28JUN93			
VALIDATE LABORATORY REPORT 5203A17998 OD 5 RD 5 LS 29JUN93 LF 5JUL93			
DATA BASE ENTRY 5203A17999 OD 5 RD 5 LS 6JUL93 LF 12JUL93			
AUTHORIZATION TO PROCEED 5203A18001 OD 20 RD 20 LS 31AUG92 LF 25SEP92			
DRAFT OU5 SAMPLING WORK PLAN 5203A18110 OD 30 RD 30 LS 14APR92 LF 25MAY92			
DOE/WMCO REVIEW WORK PLAN 5203A18112 OD 10 RD 10 LS 26MAY92 LF 8JUN92			
REVISE WORK PLAN 5203A18114 OD 10 RD 10 LS 9JUN92 LF 22JUN92			
DOE/FMPC APPROVAL WORK PLAN 5203A18115 OD 1 RD 1 LS 23JUN92 LF 23JUN92			
EPA REVIEW WORK PLAN 5203A18116 OD 21 RD 21 LS 24JUN92 LF 22JUL92			
PREPARE FINAL WORK PLAN 5203A18117 OD 21 RD 21 LS 23JUL92 LF 20AUG92			
EPA APPROVAL WORK PLAN 5203A18118 OD 1 RD 1 LS 21AUG92 LF 21AUG92			
DRAFT OU5 SAMPLING H&S PLAN 5203A18210 OD 15 RD 15 LS 25JUN92 LF 15JUL92			
DOE/WMCO REVIEW H&S PLAN 5203A18212 OD 21 RD 21 LS 16JUL92 LF 13AUG92			
PREPARE FINAL H&S PLAN 5203A18214 OD 10 RD 10 LS 14AUG92 LF 27AUG92			
DOE/WMCO APPROVAL H&S WORK PLAN 5203A18215 OD 1 RD 1 LS 28AUG92 LF 28AUG92			



Activity Bar/Late Dates
Critical Activity
Progress Bar

Primavera Systems, Inc. 1984-1991

RI/FS PROJECT SCHEDULES
FERNALD ENVIRONMENTAL MGMT. PROJECT
OPERABLE UNIT 5 BAR CHART LEVEL IV

Project Start : 31OCT90
Project Finish: 4MAY01

Sheet 12 of 27

Data Date: 10AUG91
Plot Date: 12SEP91

Prepared by ASI/IT Corp.

Date	Revision	Checked	Approved

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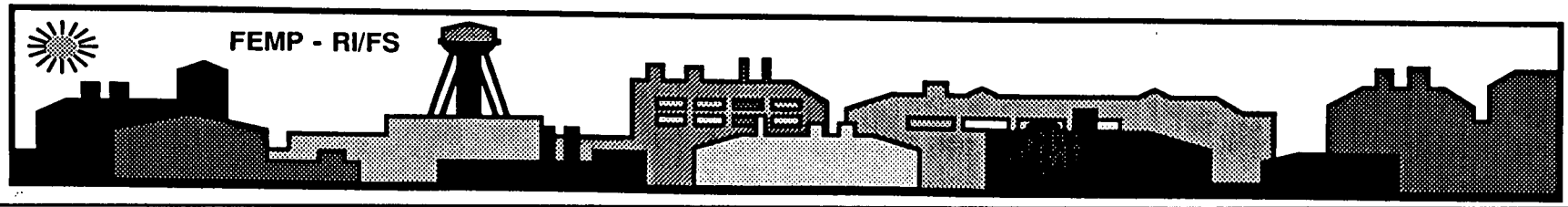

PENETRATION PERMIT 5203A18330 OD 3 RD 3 LS 17SEP92 LF 21SEP92	OPER. UNIT #5 FIELD INVESTIGATION		
ERA PERMIT APPROVAL 5203A18332 OD 5 RD 5 LS 18SEP92 LF 24SEP92			
RADIATION WORK PERMIT 5203A18338 OD 1 RD 1 LS 25SEP92 LF 25SEP92			
OU5 SAMPLING SPECIFIC TRAINING 5203A18540 OD 1 RD 1 LS 25SEP92 LF 25SEP92			
MOBILIZATION 5203A18542 OD 1 RD 1 LS 26SEP92 LF 26SEP92			
WELL INSTALLATION (12 - 2K SERIES WELLS) 5203A18544 OD 84 RD 84 LS 27SEP92 LF 19DEC92			
SHIPPING/ARCHIVING 5203A18546 OD 2 RD 2 LS 6MAR93 LF 7MAR93			
FIELD DATA VALIDATION 5203A18547 OD 5 RD 5 LS 22JUN93 LF 28JUN93			
DEMOBILIZATION 5203A18548 OD 5 RD 5 LS 1JUL93 LF 5JUL93			
FIELD DATA ENTRY 5203A18549 OD 5 RD 5 LS 29JUN93 LF 5JUL93			
TASK SPECIFIC WELL DEVELOPMENT TRAINING 5203A18660 OD 1 RD 1 LS 21OCT92 LF 21OCT92			
WELL DEVELOPMENT MOBILIZATION 5203A18662 OD 1 RD 1 LS 22OCT92 LF 22OCT92			
WELL DEVELOPMENT/SAMPLING (12 2K SERIES) 5203A18664 OD 48 RD 48 LS 23OCT92 LF 29DEC92			
SHIPPING/ARCHIVING 5203A18676 OD 2 RD 2 LS 3MAR93 LF 4MAR93			
FIELD DATA VALIDATION 5203A18677 OD 1 RD 1 LS 28JUN93 LF 28JUN93			

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Activity Bar/Late Dates
Critical Activity
Progress Bar

Primavera Systems, Inc. 1984-1991

RI/FS PROJECT SCHEDULES
FERNALD ENVIRONMENTAL MGMT. PROJECT
OPERABLE UNIT 5 BAR CHART LEVEL IV

Project Start : 31OCT90
Project Finish: 4MAY01

Sheet 13 of 27

Data Date: 10AUG91
Plot Date: 12SEP91

Prepared by ASI/IT Corp.

Date	Revision	Checked	Approved

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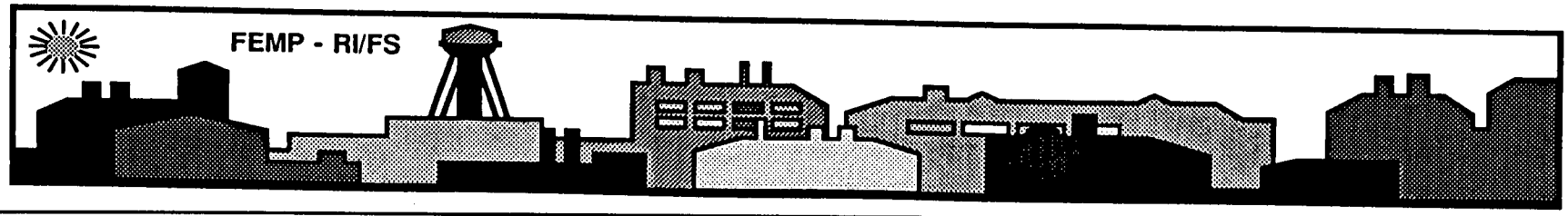
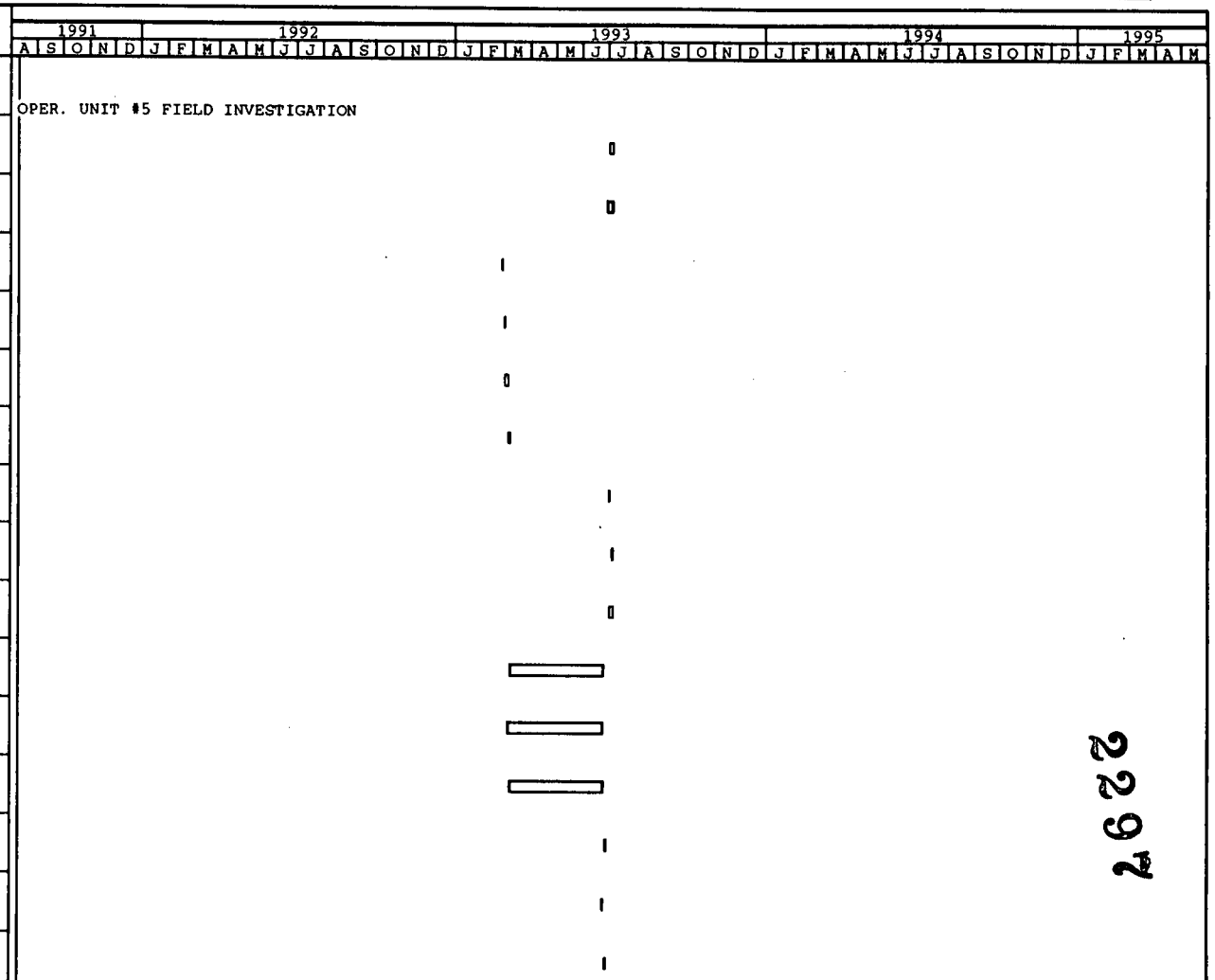


DEMOBILIZATION/DECON 5203A18678	OD 2	RD 2	
LS 2JUL93	LF 5JUL93		
FIELD DATA ENTRY 5203A18679	OD 5	RD 5	
LS 29JUN93	LF 5JUL93		
TASK SPECIFIC TRAINING 5203A18770	OD 1	RD 1	
LS 26FEB93	LF 26FEB93		
MOBILIZATION 5203A18772	OD 1	RD 1	
LS 1MAR93	LF 1MAR93		
WATER SAMPLING (12 WELLS) 5203A18774	OD 4	RD 4	
LS 2MAR93	LF 5MAR93		
SHIPPING/ARCHIVING 5203A18776	OD 2	RD 2	
LS 6MAR93	LF 7MAR93		
FIELD DATA VALIDATION 5203A18777	OD 1	RD 1	
LS 1JUL93	LF 1JUL93		
DEMOBILZATION/DECON 5203A18778	OD 1	RD 1	
LS 5JUL93	LF 5JUL93		
FIELD DATA ENTRY 5203A18779	OD 2	RD 2	
LS 2JUL93	LF 5JUL93		
LABORATORY ANALYSIS/REPORT SOIL 5203A18992	OD 80	RD 80	
LS 8MAR93	LF 25JUN93		
LAB ANALYSIS/REPORT H2O SAMPLE1 5203A18993	OD 80	RD 80	
LS 5MAR93	LF 24JUN93		
LAB ANALYSIS/REPORT H2O SAMPLE2 5203A18994	OD 80	RD 80	
LS 8MAR93	LF 25JUN93		
REC LAB REP SOIL 5203A18995	OD 1	RD 1	
LS 28JUN93	LF 28JUN93		
REC LAB RPT H2O SAMPLE1 5203A18996	OD 1	RD 1	
LS 25JUN93	LF 25JUN93		
REC LAB RPT H2O SAMPLE2 5203A18997	OD 1	RD 1	
LS 28JUN93	LF 28JUN93		



Activity Bar/Late Dates
Critical Activity
Progress Bar

Primavera Systems, Inc. 1984-1991

RI/FS PROJECT SCHEDULES
FERNALD ENVIRONMENTAL MGMT. PROJECT
OPERABLE UNIT 5 BAR CHART LEVEL IV

Project Start : 31OCT90
Project Finish: 4MAY01

Sheet 14 of 27

Data Date: 10AUG91
Plot Date: 12SEP91

Prepared by ASI/IT Corp.

Date	Revision	Checked	Approved

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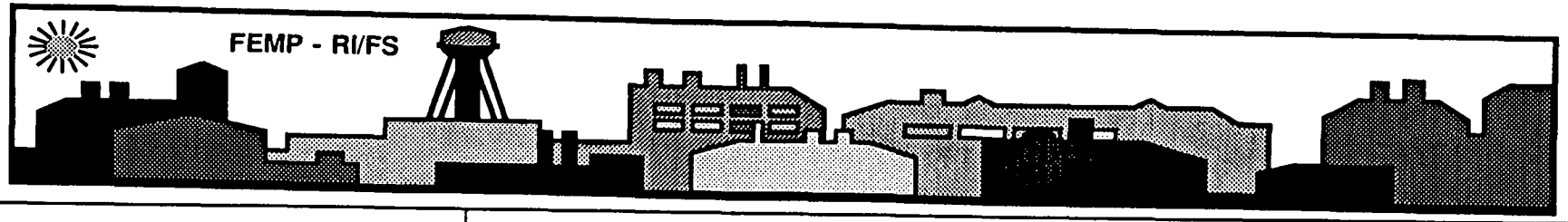
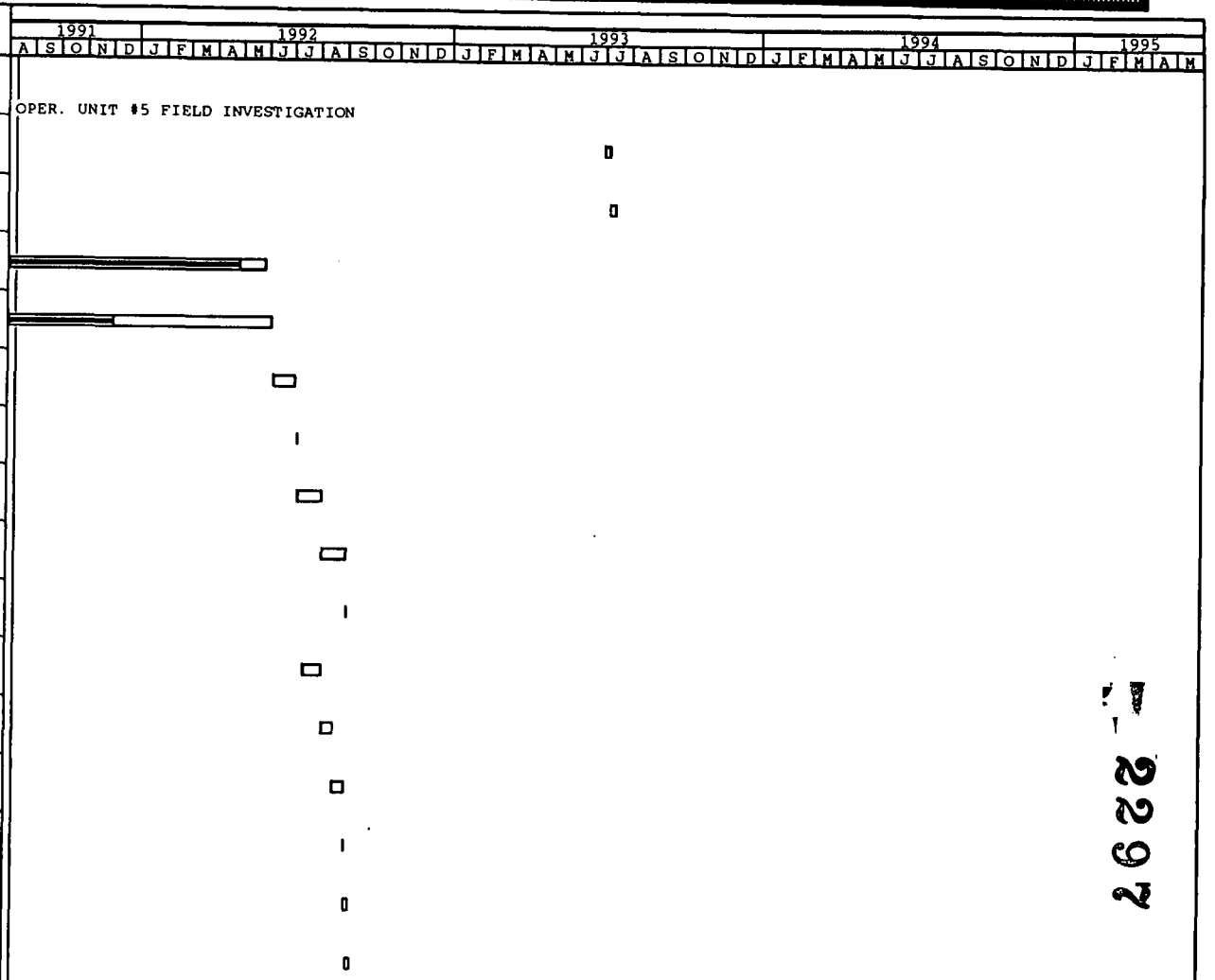


VALIDATE LABORATORY REPORT 5203A18998	OD 5	RD 5	
LS 29JUN93	LF 5JUL93		
DATA BASE ENTRY 5203A18999	OD 5	RD 5	
LS 6JUL93	LF 12JUL93		
DRAFT MISC WELLS WORK PLAN 5203A23110	OD 45	RD 3	
AS 2JAN91	LF 28MAY92		
DOE/WMCO REVIEW WORK PLAN 5203A23112	OD 10	RD 6	
AS 6MAR91	LF 5JUN92		
REVISE WORK PLAN 5203A23114	OD 20	RD 20	
LS 8JUN92	LF 3JUL92		
DOE/FMPC APPROVAL OF WORK PLAN 5203A23115	OD 1	RD 1	
LS 6JUL92	LF 6JUL92		
EPA REVIEW OF WORK PLAN 5203A23116	OD 21	RD 21	
LS 7JUL92	LF 4AUG92		
PREPARE FINAL WORK PLAN 5203A23117	OD 21	RD 21	
LS 5AUG92	LF 2SEP92		
EPA APPROVAL MISC WELLS WORK PLAN 5203A23118	OD 1	RD 1	
LS 3SEP92	LF 3SEP92		
DRAFT MISC WELLS H&S PLAN 5203A23210	OD 15	RD 15	
LS 16JUL92	LF 5AUG92		
DOE/WMCO REVIEW H&S PLAN 5203A23212	OD 10	RD 10	
LS 6AUG92	LF 19AUG92		
PREPARE FINAL H&S PLAN 5203A23214	OD 10	RD 10	
LS 20AUG92	LF 2SEP92		
DOE/WMCO APPROVAL H&S WORK PLAN 5203A23215	OD 1	RD 1	
LS 3SEP92	LF 3SEP92		
PENETRATION PERMIT (MISC WELLS) 5203A23330	OD 3	RD 3	
LS 4SEP92	LF 8SEP92		
ERA PERMIT APPROVAL 5203A23332	OD 5	RD 5	
LS 7SEP92	LF 11SEP92		



Activity Bar/Late Dates
Critical Activity
Progress Bar

Primavera Systems, Inc. 1984-1991

RI/FS PROJECT SCHEDULES
FERNALD ENVIRONMENTAL MGMT. PROJECT
OPERABLE UNIT 5 BAR CHART LEVEL IV

Project Start : 31OCT90
Project Finish: 4MAY01

Sheet 15 of 27

Data Date: 10AUG91
Plot Date: 12SEP91

Prepared by ASI/IT Corp.

Date	Revision	Checked	Approved

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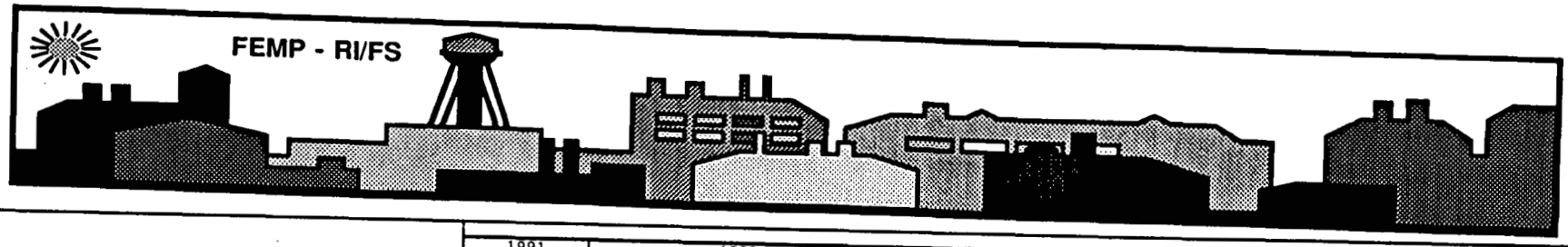
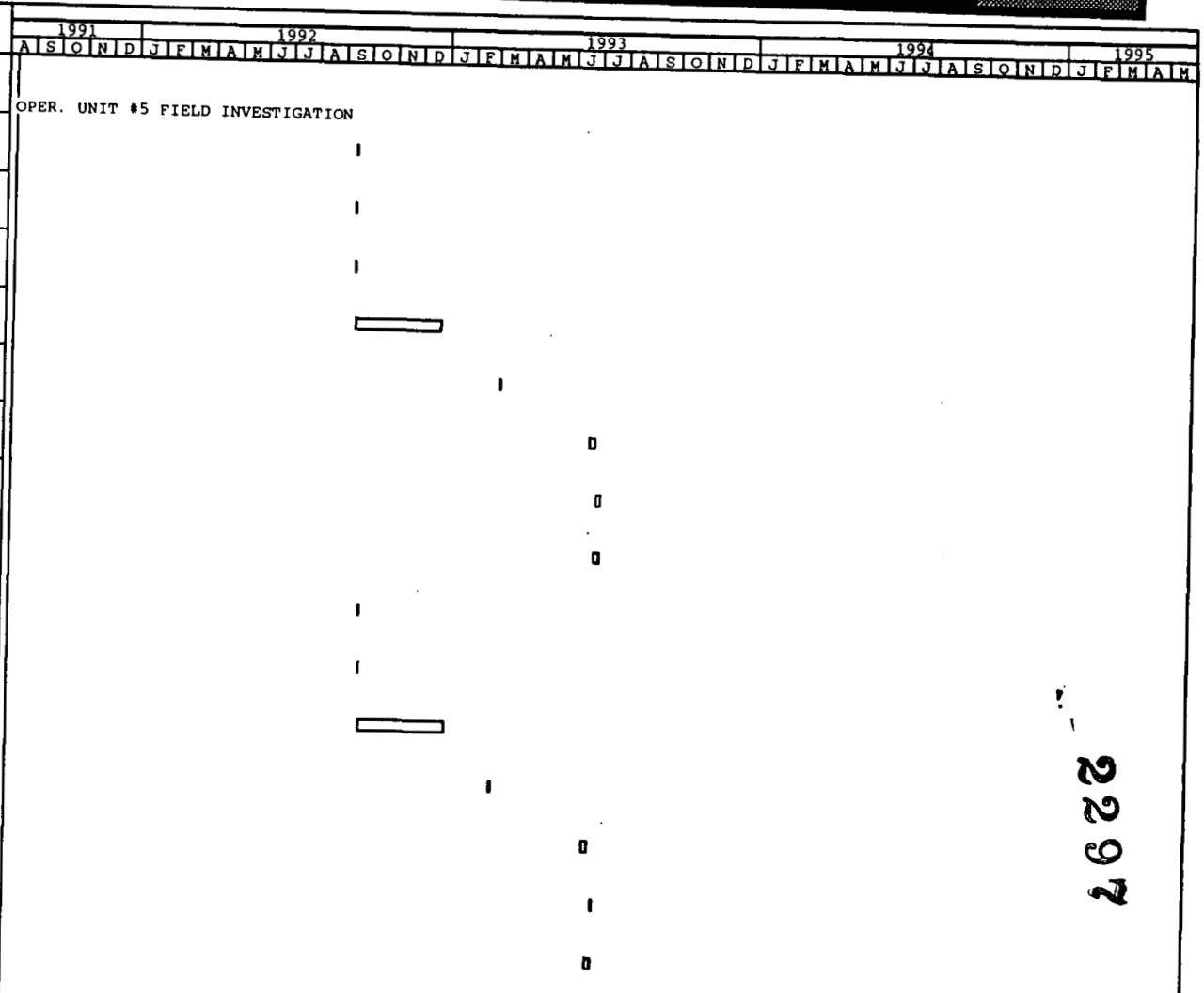


RADIATION WORK PERMIT 5203A23338 OD 1 RD 1 LS 14SEP92 LF 14SEP92	MISC WELLS SPECIFIC TRAINING 5203A23540 OD 1 RD 1 LS 14SEP92 LF 14SEP92	MOBILIZATION 5203A23542 OD 1 RD 1 LS 15SEP92 LF 15SEP92	MISC WELL INSTALLATION (27 WELLS) 5203A23544 OD 102 RD 102 LS 16SEP92 LF 26DEC92
SHIPPING/ARCHIVING 5203A23546 OD 2 RD 2 LS 6MAR93 LF 7MAR93	FIELD DATA VALIDATION 5203A23547 OD 5 RD 5 LS 22JUN93 LF 28JUN93	DEMOBILIZATION 5203A23548 OD 5 RD 5 LS 1JUL93 LF 5JUL93	FIELD DATA ENTRY 5203A23549 OD 5 RD 5 LS 29JUN93 LF 5JUL93
TASK SPECIFIC WELL DEVELOPMENT TRAINING 5203A23660 OD 1 RD 1 LS 26SEP92 LF 26SEP92	WELL DEVELOPMENT MOBILIZATION 5203A23662 OD 1 RD 1 LS 27SEP92 LF 27SEP92	WELL DEVELOPMENT/SAMPLING (27 WELLS) 5203A23664 OD 102 RD 102 LS 28SEP92 LF 7JAN93	SHIPPING/ARCHIVING 5203A23676 OD 2 RD 2 LS 3MAR93 LF 4MAR93
FIELD DATA VALIDATION 5203A23677 OD 5 RD 5 LS 22JUN93 LF 28JUN93	DEMOBILIZATION/DECON 5203A23678 OD 2 RD 2 LS 4JUL93 LF 5JUL93	FIELD DATA ENTRY 5203A23679 OD 5 RD 5 LS 29JUN93 LF 5JUL93	



Activity Bar/Late Dates
Critical Activity
Progress Bar

Primavera Systems, Inc. 1984-1991

Project Start : 31OCT90
Project Finish: 4MAY01

RI/FS PROJECT SCHEDULES
FERNALD ENVIRONMENTAL MGMT. PROJECT
OPERABLE UNIT 5 BAR CHART LEVEL IV

Sheet 16 of 27

Data Date: 10AUG91
Plot Date: 12SEP91

Prepared by ASI/IT Corp.

Date	Revision	Checked	Approved

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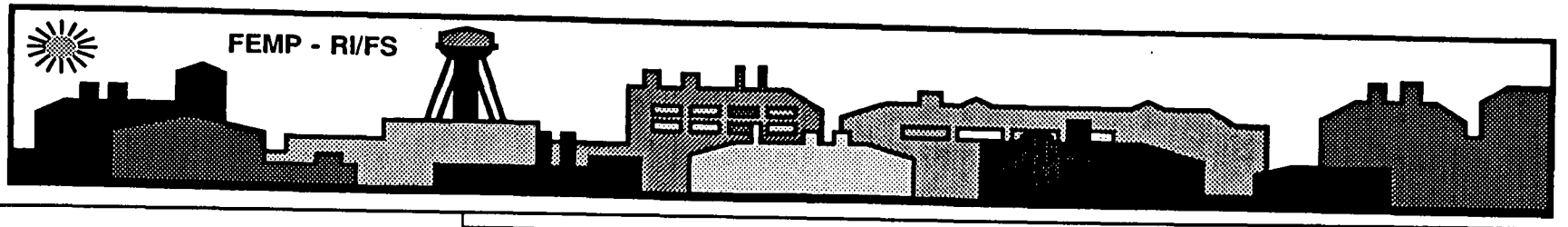
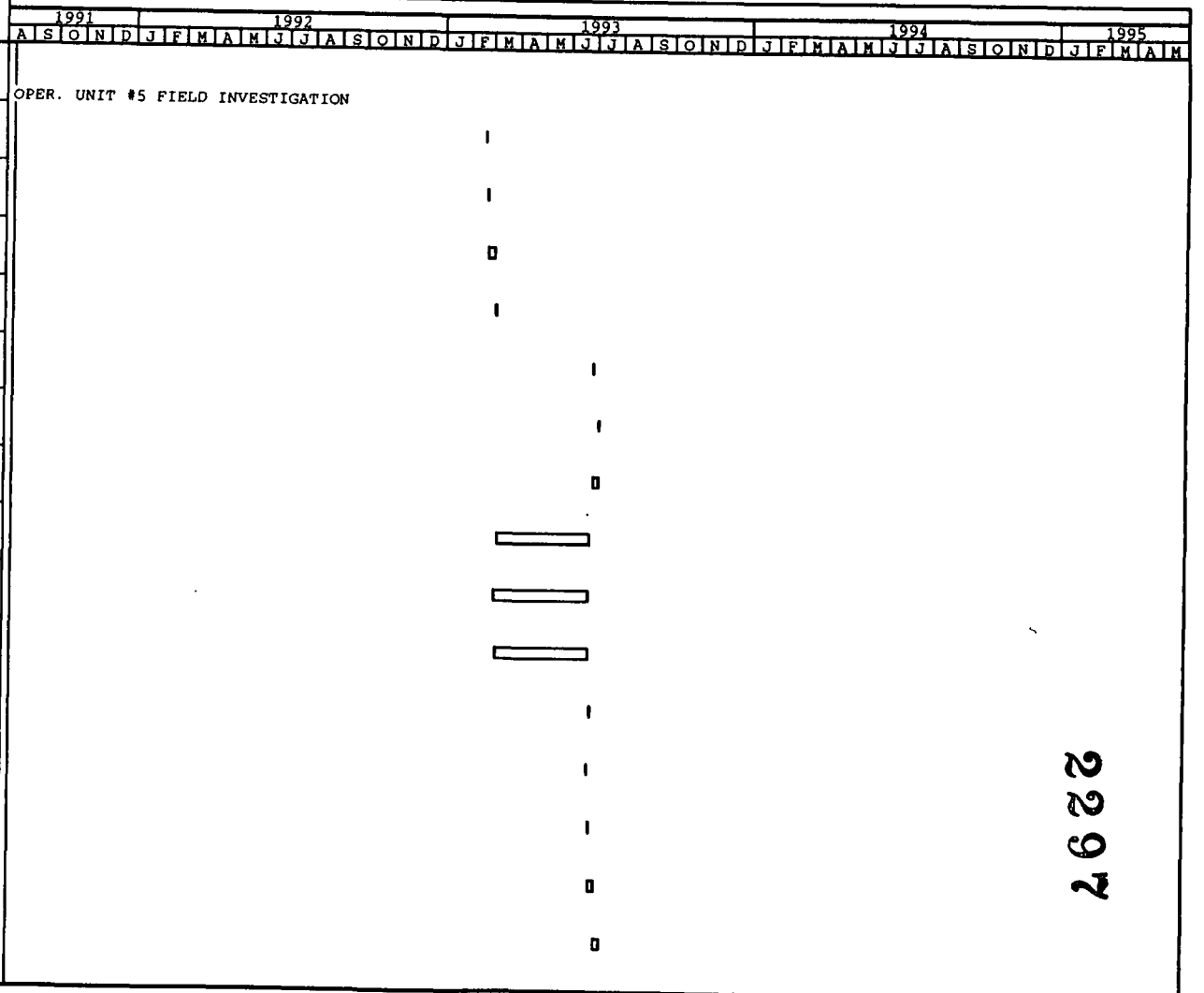


TASK SPECIFIC TRAINING 5203A23770	OD 1	RD 1	LS 19FEB93 LF 19FEB93
MOBILIZATION 5203A23772	OD 1	RD 1	LS 22FEB93 LF 22FEB93
WATER SAMPLING (27 WELLS) 5203A23774	OD 9	RD 9	LS 23FEB93 LF 3MAR93
SHIPPING/ARCHIVING 5203A23776	OD 2	RD 2	LS 4MAR93 LF 5MAR93
FIELD DATA VALIDATION 5203A23777	OD 1	RD 1	LS 28JUN93 LF 28JUN93
DEMOBILZATION/DECON 5203A23778	OD 1	RD 1	LS 5JUL93 LF 5JUL93
FIELD DATA ENTRY 5203A23779	OD 5	RD 5	LS 29JUN93 LF 5JUL93
LABORATORY ANALYSIS/REPORT SOIL 5203A23992	OD 80	RD 80	LS 8MAR93 LF 25JUN93
LAB ANALYSIS/REPORT H2O SAMPLE1 5203A23993	OD 80	RD 80	LS 5MAR93 LF 24JUN93
LAB ANALYSIS/REPORT H2O SAMPLE2 5203A23994	OD 80	RD 80	LS 8MAR93 LF 25JUN93
REC LAB REP SOIL 5203A23995	OD 1	RD 1	LS 28JUN93 LF 28JUN93
REC LAB RPT H20 SAMPLE1 5203A23996	OD 1	RD 1	LS 25JUN93 LF 25JUN93
REC LAB RPT H2O SAMPLE2 5203A23997	OD 1	RD 1	LS 28JUN93 LF 28JUN93
VALIDATE LABORATORY REPORT 5203A23998	OD 5	RD 5	LS 29JUN93 LF 5JUL93
DATA BASE ENTRY 5203A23999	OD 5	RD 5	LS 6JUL93 LF 12JUL93



Activity Bar/Late Dates
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Primavera Systems, Inc. 1984-1991

Project Start : 31OCT90
Project Finish: 4MAY01

RI/FS PROJECT SCHEDULES
FERNALD ENVIRONMENTAL MGMT. PROJECT
OPERABLE UNIT 5 BAR CHART LEVEL IV

Sheet 17 of 27

Data Date: 10AUG91
Plot Date: 12SEP91

Prepared by ASI/IT Corp.

Date	Revision	Checked	Approved

2297

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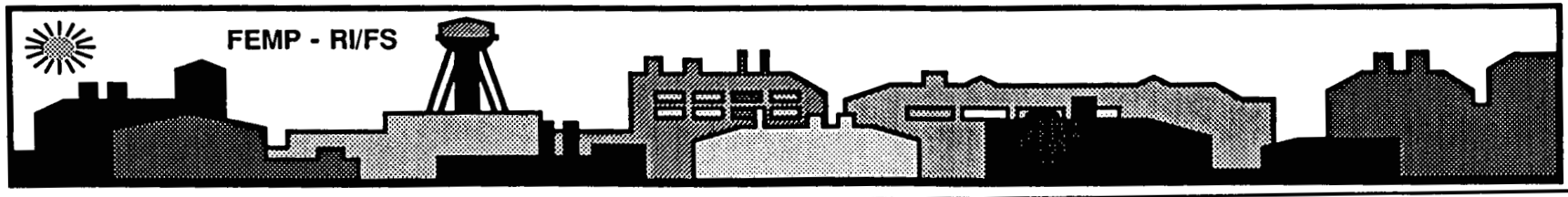
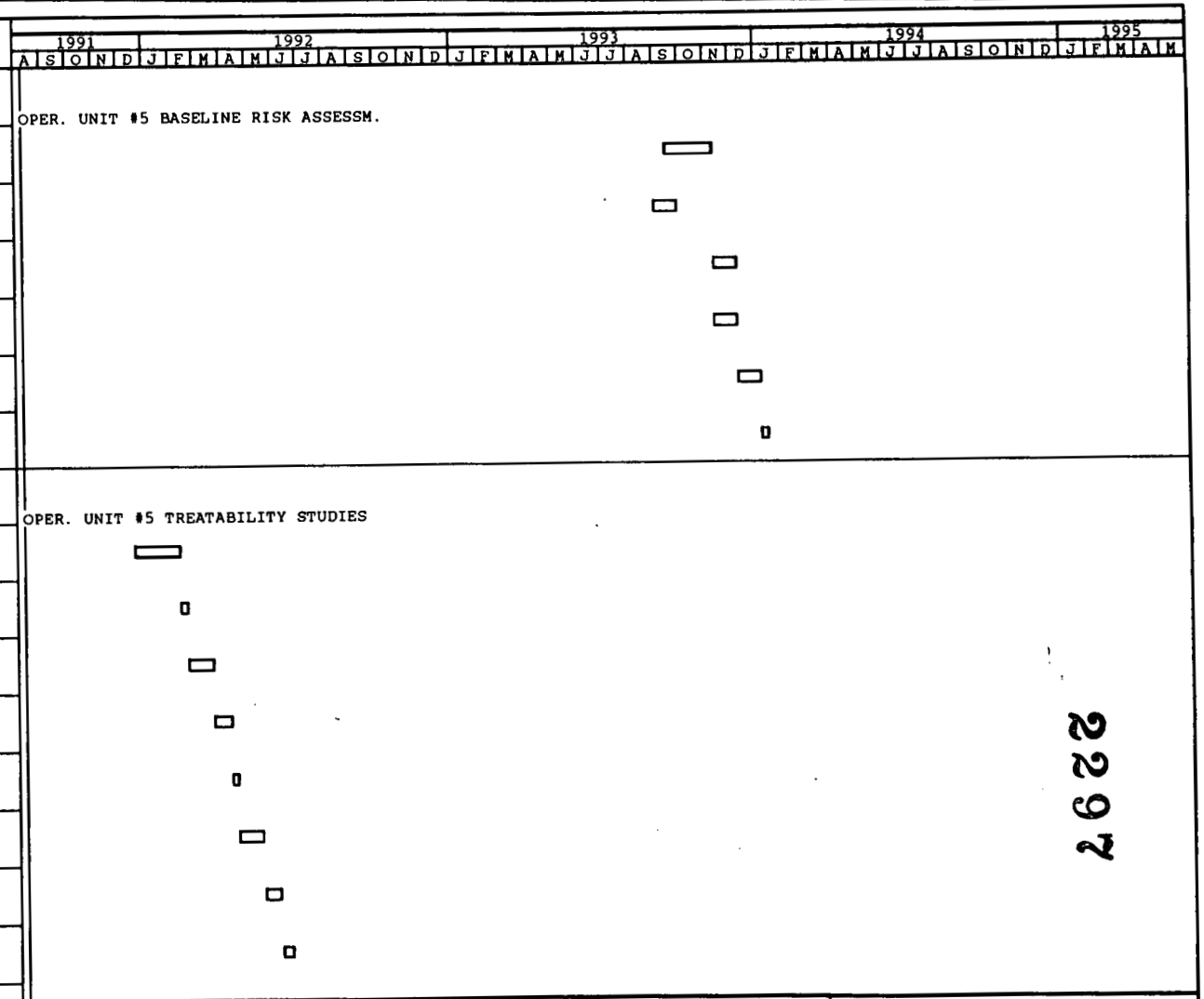


PERFORM F & T CALC'S.	5204A81050	OD 40	RD 40
	LS 16SEP93	LF 10NOV93	
EVALUATE DATA FOR RISK ASSESSMENT	5204A81100	OD 20	RD 20
	LS 2SEP93	LF 29SEP93	
DETER. CHEMICALS OF CONCERN	5204A81120	OD 20	RD 20
	LS 11NOV93	LF 8DEC93	
EVAL. EXP./RISK/TOXICITY	5204A81130	OD 20	RD 20
	LS 11NOV93	LF 8DEC93	
PREPARE OU5 RA	5204A81140	OD 20	RD 20
	LS 9DEC93	LF 5JAN94	
INTERNAL REVIEW OF OU5 RA	5204A81150	OD 7	RD 7
	LS 6JAN94	LF 14JAN94	
PREPARE TREATABILITY STUDY WORK PLAN	5205A31110	OD 38	RD 38
	LS 19DEC91	LF 10FEB92	
INTERNAL REVIEW OF WORK PLAN	5205A31115	OD 7	RD 7
	LS 11FEB92	LF 19FEB92	
DOE REVIEW OF WORK PLAN	5205A31120	OD 21	RD 21
	LS 20FEB92	LF 19MAR92	
INCORPORATE DOE COMMENTS	5205A31125	OD 15	RD 15
	LS 20MAR92	LF 9APR92	
INTERNAL REVIEW/SUBMITTAL OF REV WORK PLAN	5205A31130	OD 5	RD 5
	LS 10APR92	LF 16APR92	
EPA REVIEW OF WORK PLAN	5205A31150	OD 21	RD 21
	LS 17APR92	LF 15MAY92	
INCORPORATE EPA COMMENTS	5205A31155	OD 15	RD 15
	LS 18MAY92	LF 5JUN92	
EPA REVIEW & APPROVAL OF WORK PLAN	5205A31165	OD 10	RD 10
	LS 8JUN92	LF 19JUN92	



Activity Bar/Late Dates
Critical Activity
Progress Bar

Primavera Systems, Inc. 1984-1991

Project Start : 31OCT90
Project Finish: 4MAY01

RI/FS PROJECT SCHEDULES
FERNALD ENVIRONMENTAL MGMT. PROJECT
OPERABLE UNIT 5 BAR CHART LEVEL IV

Sheet 18 of 27

Data Date: 10AUG91
Plot Date: 12SEP91

Prepared by ASI/IT Corp.

Date	Revision	Checked	Approved

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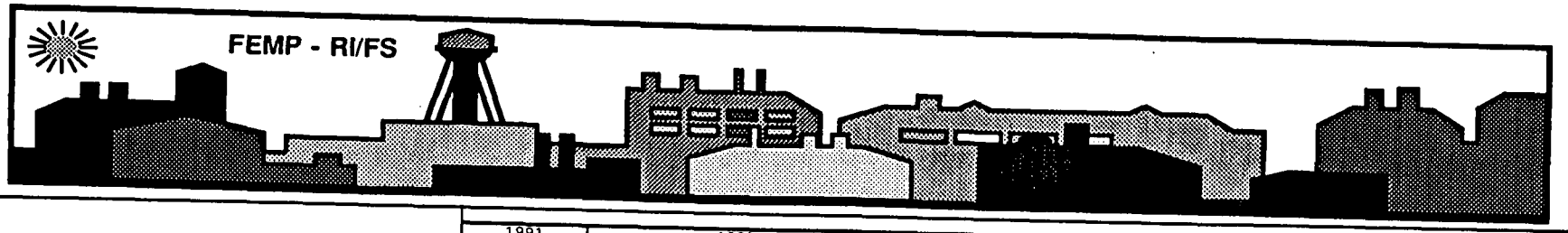
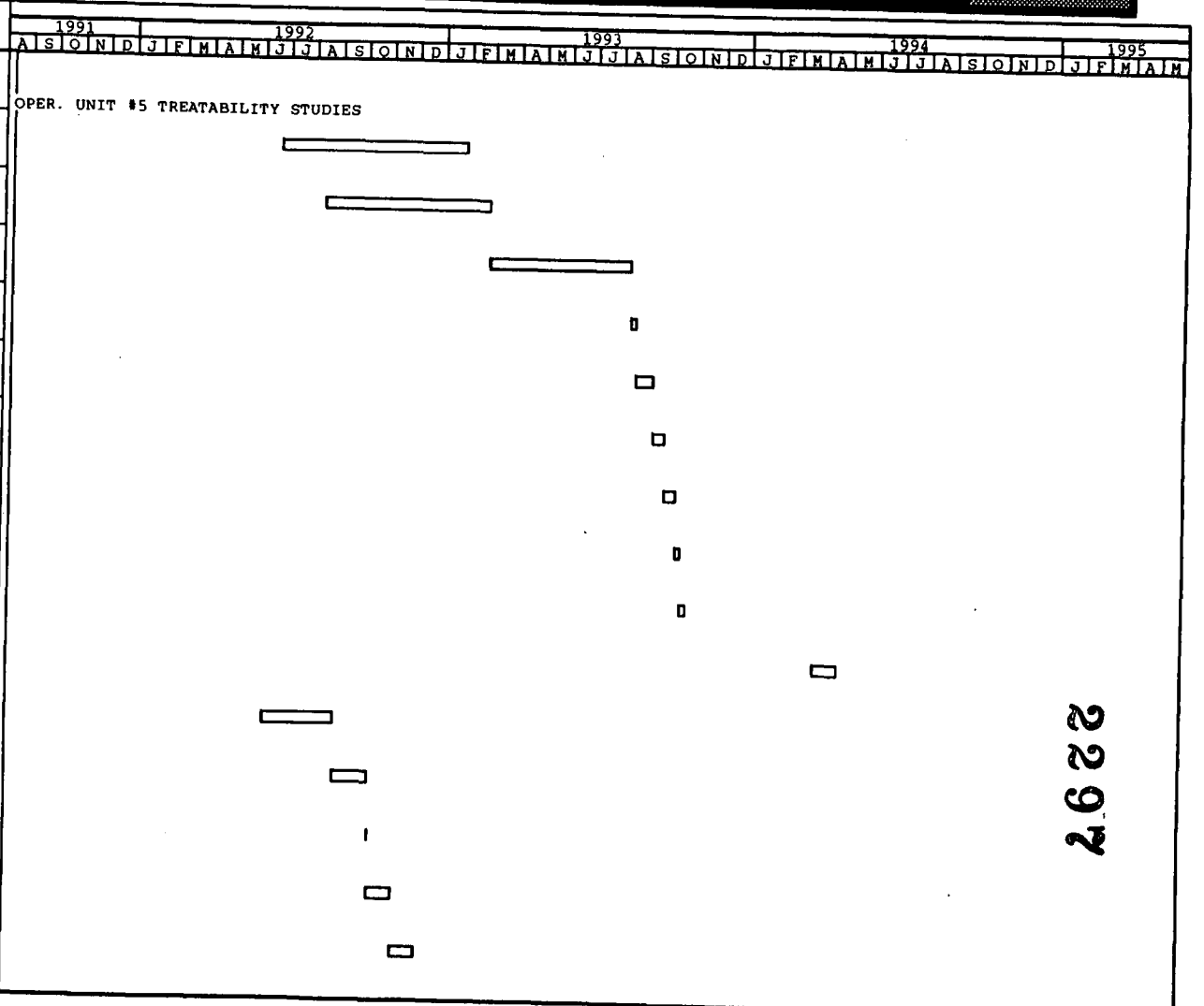


SAMPLE COLLECTION & ANALYSIS AT IT LAB.	5205A31210	OD 158	RD 158
	LS 22JUN92	LF 27JAN93	
SOIL WASHING TESTS	5205A31222	OD 140	RD 140
	LS 13AUG92	LF 24FEB93	
SAMPLE ANALYSIS	5205A31223	OD 120	RD 120
	LS 25FEB93	LF 11AUG93	
ANALYSIS OF DATA	5205A31224	OD 5	RD 5
	LS 12AUG93	LF 18AUG93	
TREATABILITY REPORT	5205A31225	OD 15	RD 15
	LS 19AUG93	LF 8SEP93	
COMPILE TEST RESULTS	5205A31230	OD 10	RD 10
	LS 9SEP93	LF 22SEP93	
PREPARE TREATABILITY STUDY REPORT	5205A31310	OD 10	RD 10
	LS 23SEP93	LF 6OCT93	
INTERNAL REVIEW OF TREAT. STUDY REPORT	5205A31325	OD 5	RD 5
	LS 7OCT93	LF 13OCT93	
FINALIZE TREATABILITY STUDY REPORT	5205A31328	OD 5	RD 5
	LS 14OCT93	LF 20OCT93	
DOE/WMCO REVIEW AND COMMENT	5205A31341	OD 21	RD 21
	LS 23MAR94	LF 20APR94	
PROCURE TREATABILITY CONTRACTOR	5205A52101	OD 60	RD 60
	LS 9JUN92	LF 31AUG92	
TREATABILITY WORK PLANS-VITRI;STABILIZATION	5205A52102	OD 30	RD 30
	LS 1SEP92	LF 12OCT92	
SUBMIT WORK PLANS TO DOE	5205A52105	OD 1	RD 1
	LS 13OCT92	LF 13OCT92	
DOE REVIEW OF WORK PLANS	5205A52110	OD 21	RD 21
	LS 14OCT92	LF 11NOV92	
INCORPORATE COMMENTS	5205A52115	OD 21	RD 21
	LS 12NOV92	LF 10DEC92	



Activity Bar/Late Dates
Critical Activity
Progress Bar

Primavera Systems, Inc. 1984-1991

RI/FS PROJECT SCHEDULES
FERNALD ENVIRONMENTAL MGMT. PROJECT
OPERABLE UNIT 5 BAR CHART LEVEL IV

Project Start : 31OCT90
Project Finish: 4MAY01

Sheet 19 of 27

Data Date: 10AUG91
Plot Date: 12SEP91

Prepared by ASI/IT Corp.

Date	Revision	Checked	Approved

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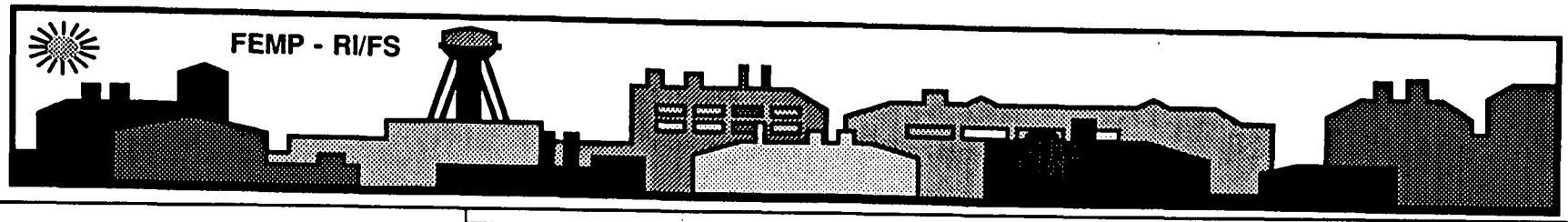
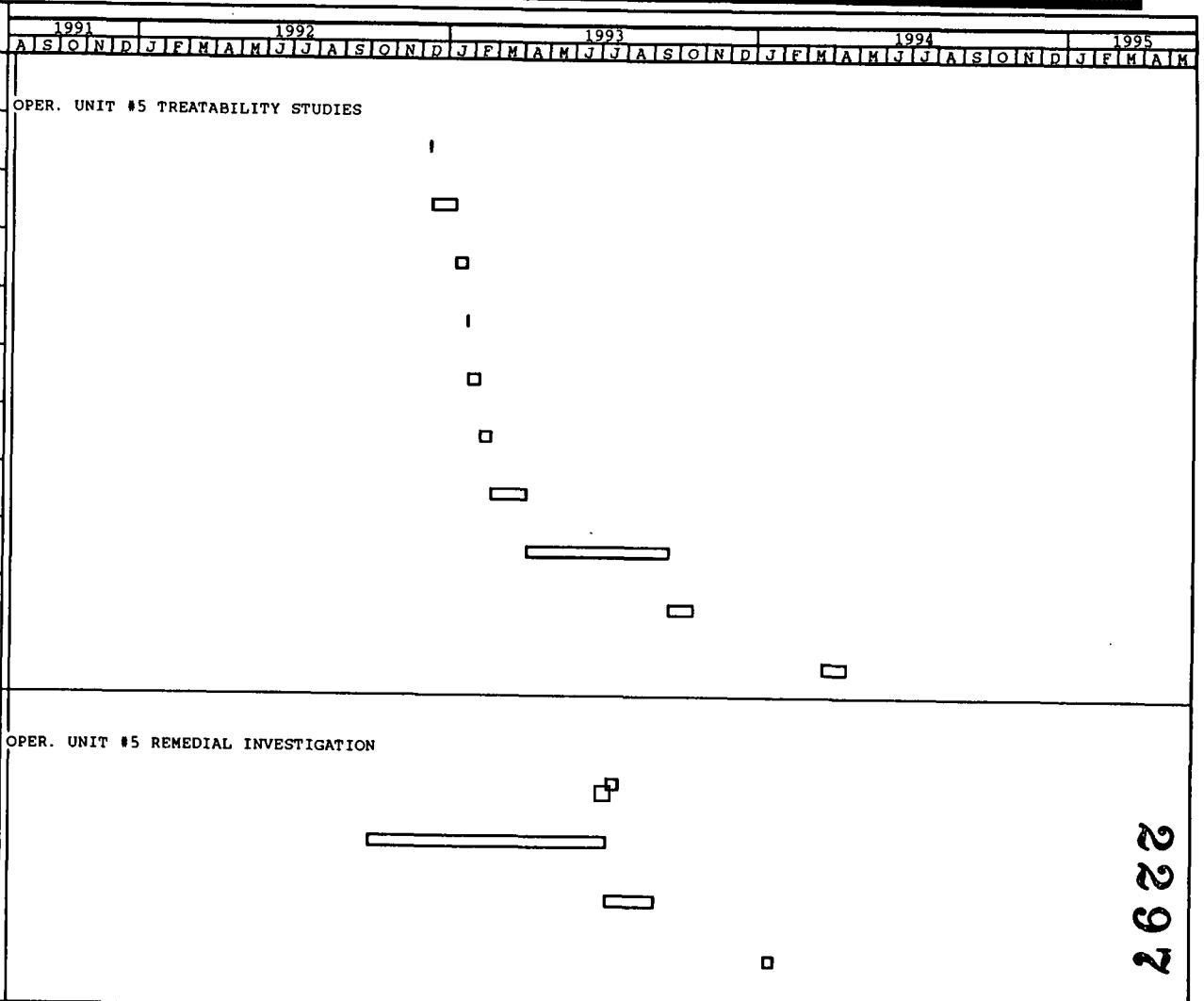


	OPER. UNIT #5 TREATABILITY STUDIES
SUBMIT WORK PLANS TO EPA 5205A52120 OD 1 RD 1 LS 11DEC92 LF 11DEC92	
EPA REVIEW OF WORK PLANS 5205A52125 OD 21 RD 21 LS 14DEC92 LF 11JAN93	
INCORPORATE EPA COMMENTS 5205A52130 OD 10 RD 10 LS 12JAN93 LF 25JAN93	
RE-SUBMIT WORK PLANS TO EPA 5205A52135 OD 1 RD 1 LS 26JAN93 LF 26JAN93	
EPA REVIEW & APPROVAL 5205A52140 OD 10 RD 10 LS 27JAN93 LF 9FEB93	
SAMPLE RECEIPT 5205A52145 OD 10 RD 10 LS 10FEB93 LF 23FEB93	
PHASE 1 TREATABILITY 5205A52150 OD 30 RD 30 LS 24FEB93 LF 6APR93	
PHASE 1 ANALYSIS 5205A52155 OD 120 RD 120 LS 7APR93 LF 21SEP93	
PREPARE TREATABILITY STUDY REPORT 5205A52180 OD 21 RD 21 LS 22SEP93 LF 20OCT93	
DOE/WMCO REVIEW AND COMMENT 5205A52183 OD 21 RD 21 LS 23MAR94 LF 20APR94	
	OPER. UNIT #5 REMEDIAL INVESTIGATION
OBTAIN VALIDATED ANALYSES FROM FIELD WORK 5206A25102 OD 10 RD 10 LS 13JUL93 LF 26JUL93	
REVISE SITE CHARACTERIZATION 5206A25103 OD 200 RD 200 LS 6OCT92 LF 12JUL93	
PREPARE INTERNAL DRAFT RI REPORT 5206A25104 OD 42 RD 42 LS 13JUL93 LF 8SEP93	
INTERNAL REVIEW 5206A25105 OD 10 RD 10 LS 17JAN94 LF 28JAN94	



Activity Bar/Late Dates
Critical Activity
Progress Bar

Primavera Systems, Inc. 1984-1991

Project Start : 31OCT90
Project Finish: 4MAY01

RI/FS PROJECT SCHEDULES
FERNALD ENVIRONMENTAL MGMT. PROJECT
OPERABLE UNIT 5 BAR CHART LEVEL IV

Sheet 20 of 27

Data Date: 10AUG91
Plot Date: 12SEP91

Prepared by ASI/IT Corp.

Date	Revision	Checked	Approved

000346

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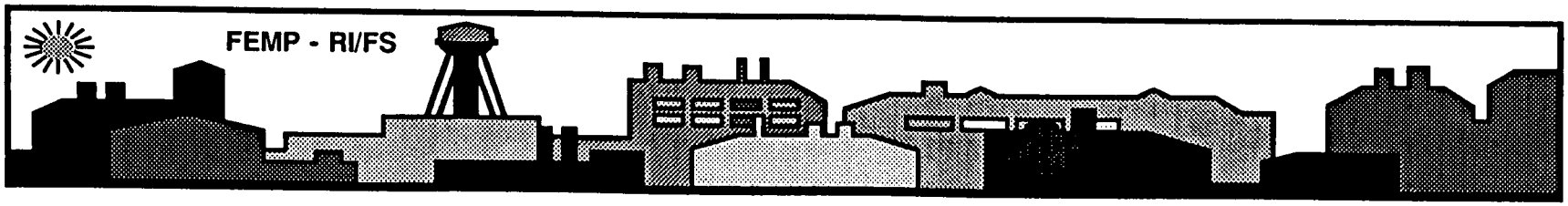
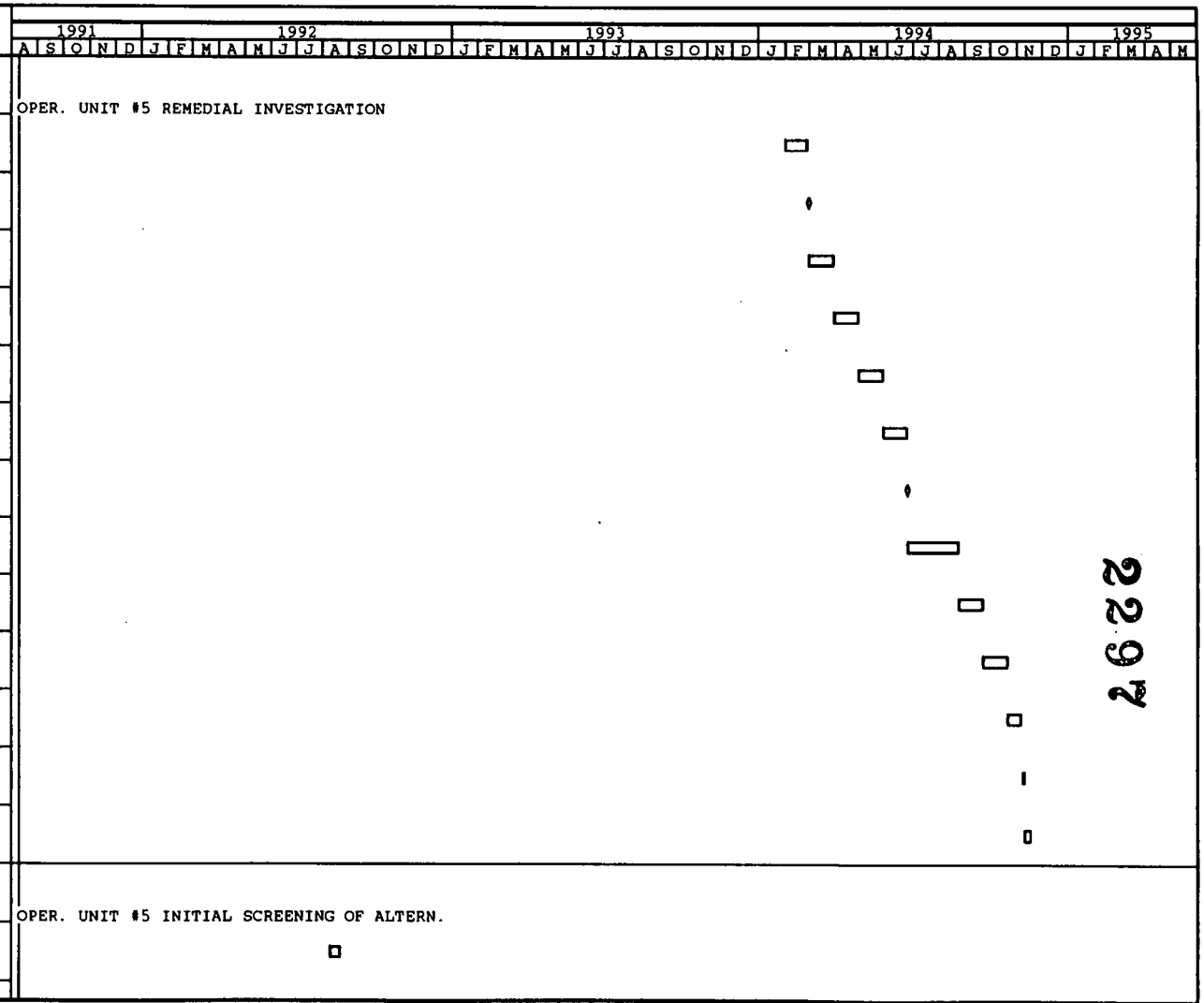


	OPER. UNIT #5 REMEDIAL INVESTIGATION
INCORP INTERNAL OU5 RI COMMENTS 5206A25107 OD 20 RD 20 LS 31JAN94 LF 25FEB94	
SUBMIT RI TO DOE/WMCO 5206A25507 OD 0 RD 0 LS 28FEB94	
DOE/WMCO REVIEW AND COMMENT 5206A25508 OD 21 RD 21 LS 28FEB94 LF 28MAR94	
INCORPORATE DOE/WMCO COMMENTS 5206A25509 OD 21 RD 21 LS 29MAR94 LF 26APR94	
EM-1 REVIEW AND COMMENT 5206A25520 OD 21 RD 21 LS 27APR94 LF 25MAY94	
INCORPORATE EM-1 COMMENTS 5206A25525 OD 21 RD 21 LS 26MAY94 LF 23JUN94	
SUBMIT RI TO EPA 5206A25610 OD 0 RD 0 LF 23JUN94	
EPA REVIEW & COMMENT - OU5 RI 5206A25611 OD 42 RD 42 LS 24JUN94 LF 22AUG94	
INCORPORATE EPA COMMENTS 5206A25612 OD 21 RD 21 LS 23AUG94 LF 20SEP94	
EPA REVIEW AND APPROVE 5206A25615 OD 21 RD 21 LS 21SEP94 LF 19OCT94	
INCORPORATE FINAL EPA COMMENTS 5206A25710 OD 12 RD 12 LS 20OCT94 LF 4NOV94	
INTERNAL REVIEW 5206A25715 OD 3 RD 3 LS 7NOV94 LF 9NOV94	
PRINT AND DISTRIBUTE FINAL REPORT 5206A25720 OD 5 RD 5 LS 10NOV94 LF 16NOV94	
	OPER. UNIT #5 INITIAL SCREENING OF ALTERN.
REVISE RAOs 5312A09101 OD 10 RD 10 LS 10AUG92 LF 21AUG92	



Activity Bar/Late Dates
Critical Activity
Progress Bar

Primavera Systems, Inc. 1984-1991

RI/FS PROJECT SCHEDULES
FERNALD ENVIRONMENTAL MGMT. PROJECT
OPERABLE UNIT 5 BAR CHART LEVEL IV

Project Start : 31OCT90
Project Finish: 4MAY01

Sheet 21 of 27

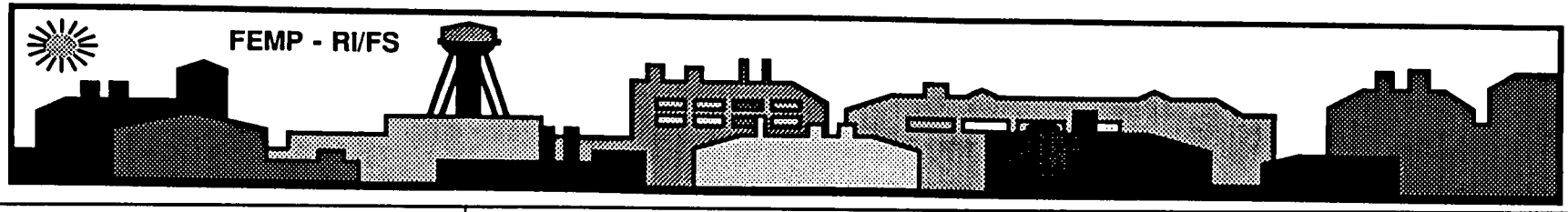
Data Date: 10AUG91
Plot Date: 12SEP91

Prepared by ASI/IT Corp.

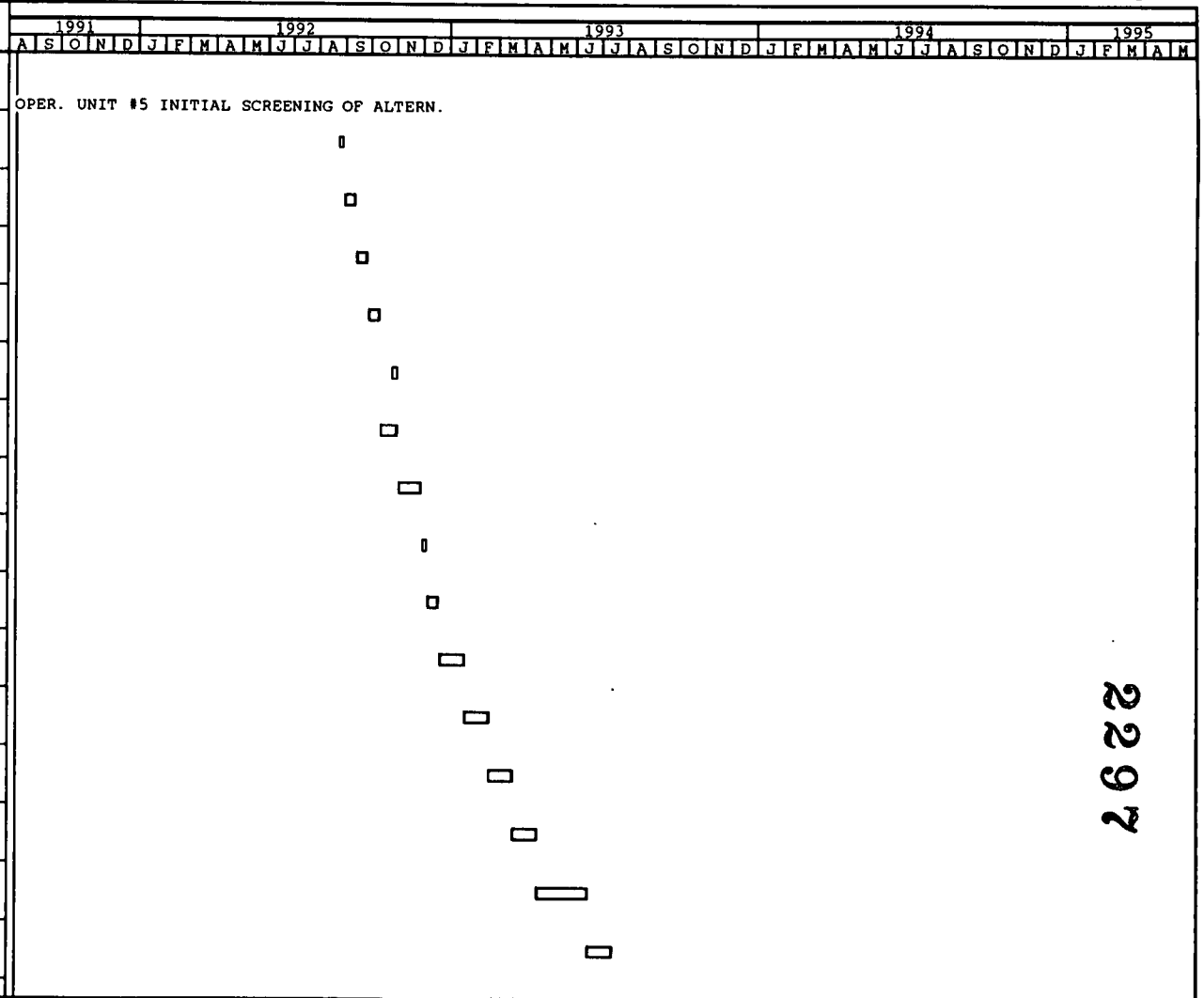
Date	Revision	Checked	Approved

000347

22 of 27



REVISE GENERAL RESPONSE ACTIONS 5312A09103 OD 5 RD 5 LS 24AUG92 LF 28AUG92			
REVISE PROCESS OPTIONS AND SCREEN TECHS 5312A09108 OD 10 RD 10 LS 31AUG92 LF 11SEP92			
REVISE PROCESS OPTIONS EVALUATION 5312A09111 OD 10 RD 10 LS 14SEP92 LF 25SEP92			
MODIFY ALTERNATIVES 5312A09113 OD 10 RD 10 LS 28SEP92 LF 9OCT92			
UPDATE PRELIMINARY ARARS 5312A09114 OD 5 RD 5 LS 26OCT92 LF 30OCT92			
REVISE ISA COST ESTIMATE 5312A09115 OD 15 RD 15 LS 12OCT92 LF 30OCT92			
REVISE ALTERNATIVES SCREENING 5312A09118 OD 20 RD 20 LS 2NOV92 LF 27NOV92			
COMPLETE ISA REPORT 5312A09121 OD 5 RD 5 LS 30NOV92 LF 4DEC92			
INTERNAL REVIEW 5312A09123 OD 10 RD 10 LS 7DEC92 LF 18DEC92			
DOE/WMCO REVIEW AND COMMENT 5312A09501 OD 21 RD 21 LS 21DEC92 LF 18JAN93			
INCORPORATE DOE/WMCO COMMENTS 5312A09503 OD 21 RD 21 LS 19JAN93 LF 16FEB93			
EM-1 REVIEW AND COMMENT 5312A09511 OD 21 RD 21 LS 17FEB93 LF 17MAR93			
INCORPORATE EM-1 COMMENTS 5312A09513 OD 21 RD 21 LS 18MAR93 LF 15APR93			
EPA REVIEW AND COMMENT 5312A09601 OD 42 RD 42 LS 16APR93 LF 14JUN93			
INCORPORATE EPA COMMENTS 5312A09603 OD 21 RD 21 LS 15JUN93 LF 13JUL93			



Activity Bar/Late Dates
Critical Activity
Progress Bar

Primavera Systems, Inc. 1984-1991

RI/FS PROJECT SCHEDULES
FERNALD ENVIRONMENTAL MGMT. PROJECT
OPERABLE UNIT 5 BAR CHART LEVEL IV

Project Start : 31OCT90
Project Finish: 4MAY01

Sheet 22 of 27

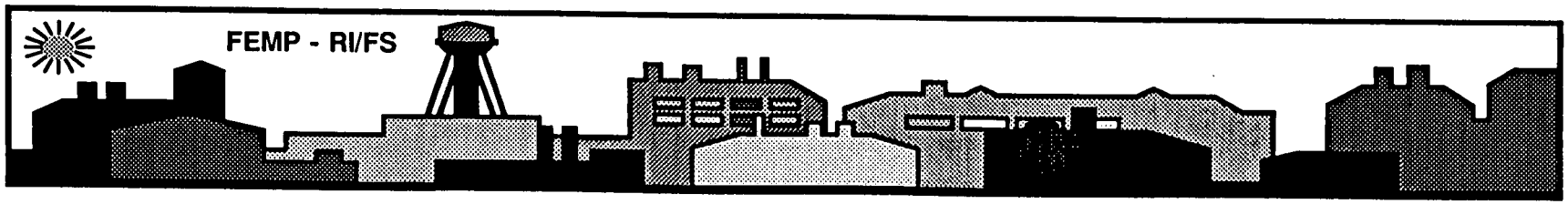
Data Date: 10AUG91
Plot Date: 12SEP91

Prepared by ASI/IT Corp.

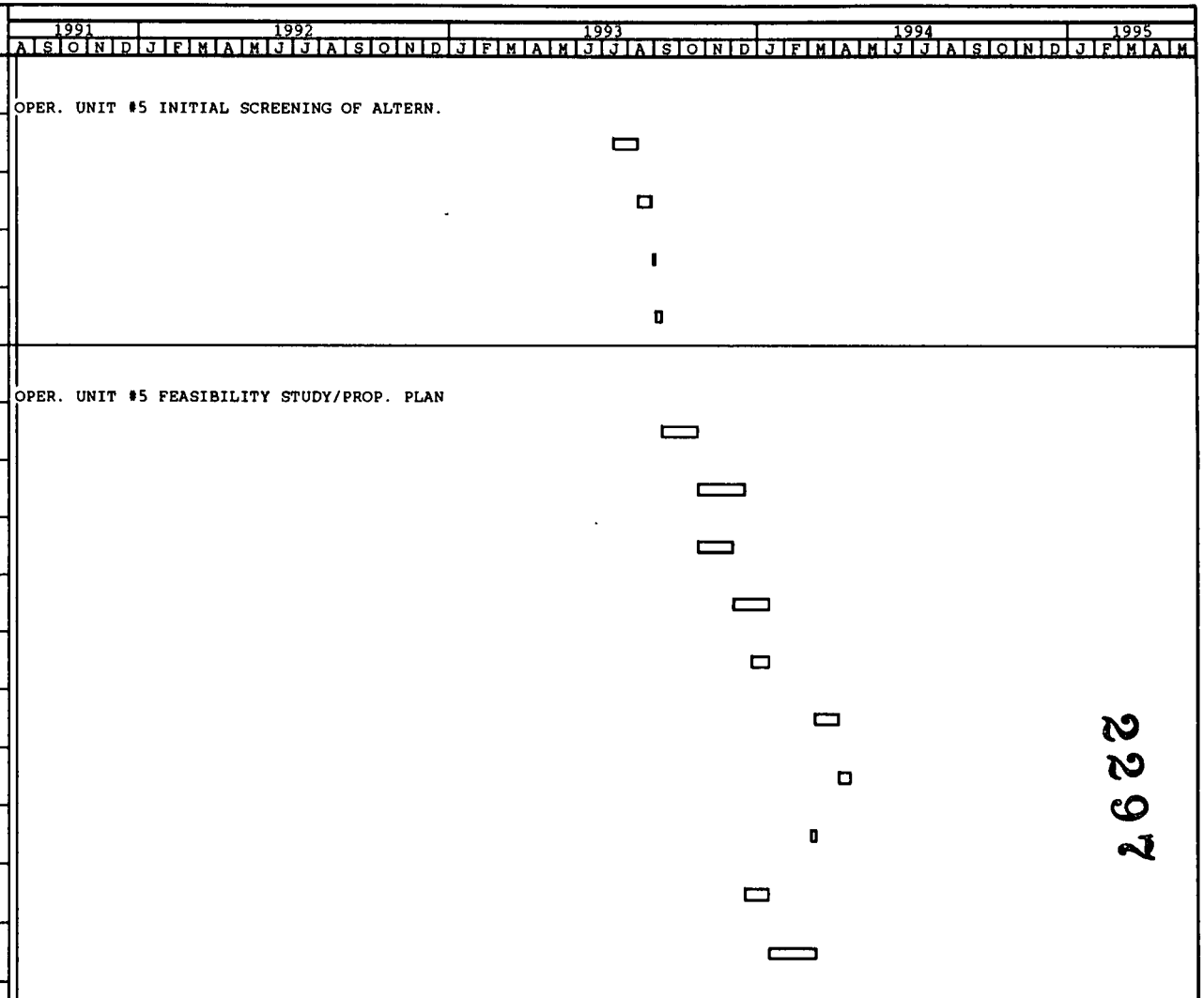
Date	Revision	Checked	Approved

000348

22927



OPER. UNIT #5 INITIAL SCREENING OF ALTERN.			
EPA REVIEW AND APPROVE 5312A09605 OD 21 RD 21 LS 14JUL93 LF 11AUG93			
INCORPORATE EPA FINAL COMMENTS 5312A09608 OD 12 RD 12 LS 12AUG93 LF 27AUG93			
INTERNAL REVIEW 5312A09611 OD 3 RD 3 LS 30AUG93 LF 1SEP93			
PRINT AND DISTRIBUTE FINAL REPORT 5312A09613 OD 5 RD 5 LS 2SEP93 LF 8SEP93			
OPER. UNIT #5 FEASIBILITY STUDY/PROP. PLAN			
REVISE FS GW MODELING 5315A30101 OD 30 RD 30 LS 9SEP93 LF 20OCT93			
REVISE ALTERNATIVES 5315A30102 OD 40 RD 40 LS 21OCT93 LF 15DEC93			
PERFORM F/T MODELING 5315A30103 OD 30 RD 30 LS 21OCT93 LF 1DEC93			
EVAL EXP/RISK/TOXICITY 5315A30105 OD 30 RD 30 LS 2DEC93 LF 12JAN94			
EVAL EXPOSURE DURING REM. 5315A30108 OD 15 RD 15 LS 23DEC93 LF 12JAN94			
PREPARE FS-RA APPENDIX 5315A30111 OD 20 RD 20 LS 8MAR94 LF 4APR94			
INTERNAL REVIEW OF FS-RA 5315A30113 OD 10 RD 10 LS 5APR94 LF 18APR94			
EVALUATE ETPSF IMPACTS 5315A30114 OD 5 RD 5 LS 3MAR94 LF 9MAR94			
REVISE ALT DESCRIPTION 5315A30115 OD 20 RD 20 LS 16DEC93 LF 12JAN94			
EVAL ALT EFFECTIVENESS 5315A30118 OD 40 RD 40 LS 13JAN94 LF 9MAR94			



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Activity Bar/Late Dates
Critical Activity
Progress Bar

Primavera Systems, Inc. 1984-1991

RI/FS PROJECT SCHEDULES
FERNALD ENVIRONMENTAL MGMT. PROJECT
OPERABLE UNIT 5 BAR CHART LEVEL IV

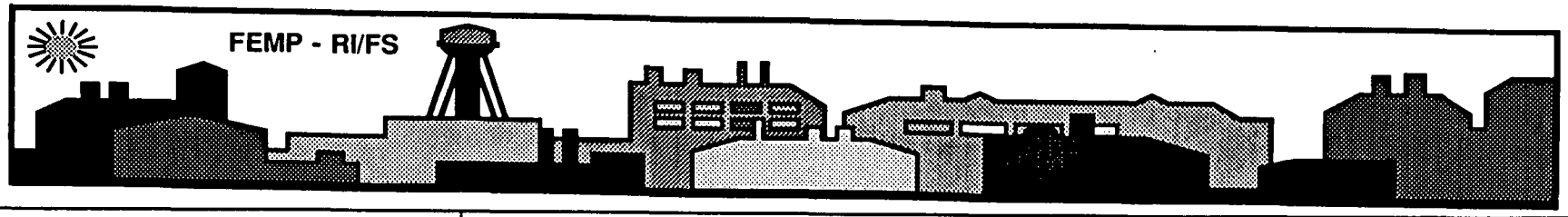
Sheet 23 of 27

Project Start : 31OCT90
Project Finish: 4MAY01

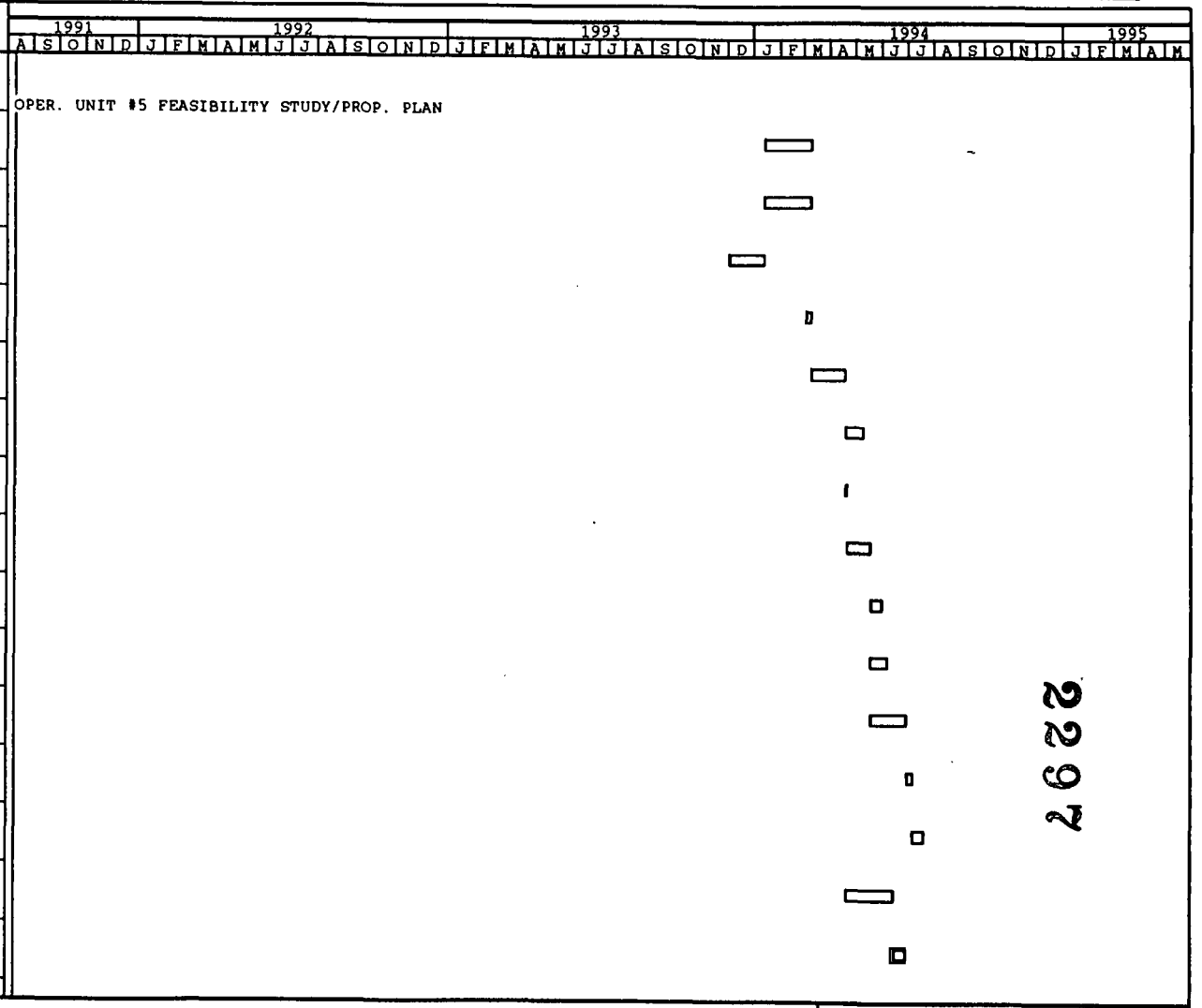
Data Date: 10AUG91
Plot Date: 12SEP91

Prepared by ASI/IT Corp.

Date	Revision	Checked	Approved



EVAL ALT IMPLEMENTABILITY 5315A30121	OD 40	RD 40	LS 13JAN94 LF 9MAR94
REVISE ALT COST ESTIMATE 5315A30123	OD 40	RD 40	LS 13JAN94 LF 9MAR94
NEPA ANALYSIS 5315A30125	OD 30	RD 30	LS 2DEC93 LF 12JAN94
DOE/HQ EA-EIS KEY DECISION POINT 5315A30127	OD 5	RD 5	LS 3MAR94 LF 9MAR94
COMPARATIVE ANALYSIS 5315A30128	OD 28	RD 28	LS 10MAR94 LF 18APR94
PREPARE DAA CHAPTER 5315A30131	OD 15	RD 15	LS 19APR94 LF 9MAY94
PROGRAMATIC DECISION POINT 5315A40001	OD 1	RD 1	LS 19APR94 LF 19APR94
REVISE RI SUMMARY IN TEXT 5315A40050	OD 20	RD 20	LS 20APR94 LF 17MAY94
PREPARE QA APPENDIX 5315A40070	OD 10	RD 10	LS 18MAY94 LF 31MAY94
PREPARE NEPA ANALYSIS CHAPTER 5315A40105	OD 15	RD 15	LS 18MAY94 LF 7JUN94
PREPARE INTERNAL DRAFT 5315A40108	OD 31	RD 31	LS 18MAY94 LF 29JUN94
INTERNAL REVIEW 5315A40109	OD 5	RD 5	LS 30JUN94 LF 6JUL94
INCORPORATE INTERNAL REVIEW COMMENTS 5315A40111	OD 10	RD 10	LS 7JUL94 LF 20JUL94
PREPARE INTERNAL DRAFT PP DOCUMENT 5315A41201	OD 40	RD 40	LS 21APR94 LF 15JUN94
COMMUNITY REL. REVIEW & COMMENT 5315A41202	OD 10	RD 10	LS 16JUN94 LF 29JUN94



Activity Bar/Late Dates
Critical Activity
Progress Bar

Primavera Systems, Inc. 1984-1991

RI/FS PROJECT SCHEDULES
FERNALD ENVIRONMENTAL MGMT. PROJECT
OPERABLE UNIT 5 BAR CHART LEVEL IV

Project Start : 31OCT90
Project Finish: 4MAY01

Sheet 24 of 27

Data Date: 10AUG91
Plot Date: 12SEP91

Prepared by ASI/IT Corp.

Date	Revision	Checked	Approved

22997

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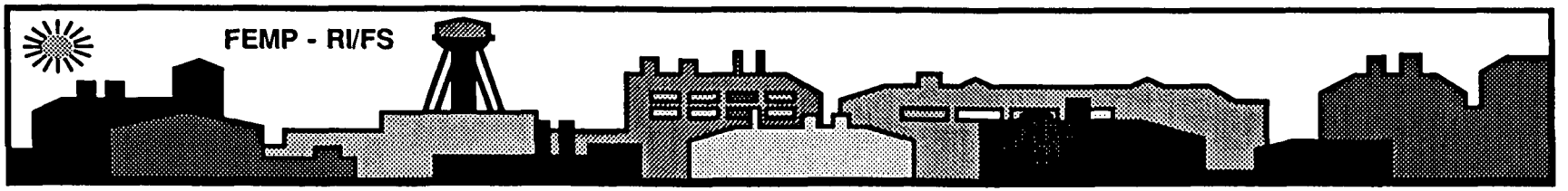
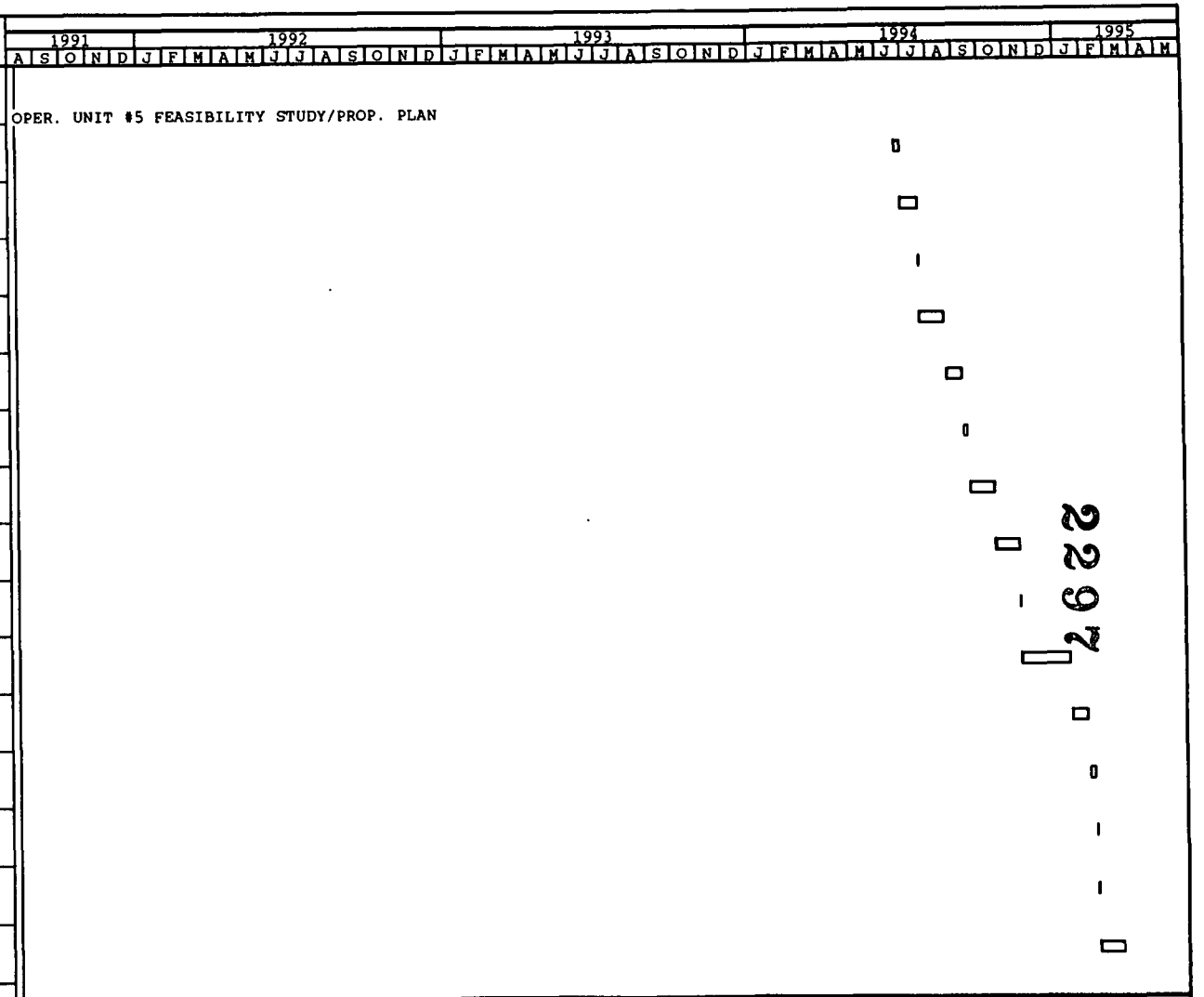


INTERNAL REVIEW 5315A41203	OD 5	RD 5	LS 23JUN94 LF 29JUN94
INCORPORATE FS/PP INTERNAL REVIEW COMMENTS 5315A41208	OD 15	RD 15	LS 30JUN94 LF 20JUL94
SUBMIT DRAFT TO DOE/WMCO 5315A41501	OD 1	RD 1	LS 21JUL94 LF 21JUL94
DOE/WMCO REVIEW & COMMENT 5315A41504	OD 21	RD 21	LS 22JUL94 LF 19AUG94
INCORPORATE DOE/WMCO COMMENTS/RESPONSE TO COMMEN 5315A41516	OD 15	RD 15	LS 22AUG94 LF 9SEP94
INTERNAL REVIEW/REPRO 5315A41517	OD 5	RD 5	LS 12SEP94 LF 16SEP94
EM-1 REVIEW & APPROVE 5315A41535	OD 21	RD 21	LS 19SEP94 LF 17OCT94
INCORPORATE EM-1 COMMENTS 5315A41536	OD 21	RD 21	LS 18OCT94 LF 15NOV94
SUBMIT EPA DRAFT FS/PP 5315A41605	OD 1	RD 1	LS 16NOV94 LF 16NOV94
EPA REVIEW & COMMENT 5315A41606	OD 42	RD 42	LS 17NOV94 LF 13JAN95
INCORPORATE EPA COMMENTS/RESPONSE TO COMMENTS 5315A41607	OD 15	RD 15	LS 16JAN95 LF 3FEB95
INTERNAL REVIEW/REPRO 5315A41608	OD 5	RD 5	LS 6FEB95 LF 10FEB95
SUBMIT DRAFT FINAL REPORT TO DOE 5315A41609	OD 1	RD 1	LS 13FEB95 LF 13FEB95
SUBMIT DRAFT FINAL REPORT TO EPA 5315A41615	OD 1	RD 1	LS 14FEB95 LF 14FEB95
EPA REVIEW & APPROVAL 5315A41620	OD 21	RD 21	LS 15FEB95 LF 15MAR95



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Activity Bar/Late Dates
Critical Activity
Progress Bar

Primavera Systems, Inc. 1984-1991

RI/FS PROJECT SCHEDULES
FERNALD ENVIRONMENTAL MGMT. PROJECT
OPERABLE UNIT 5 BAR CHART LEVEL IV

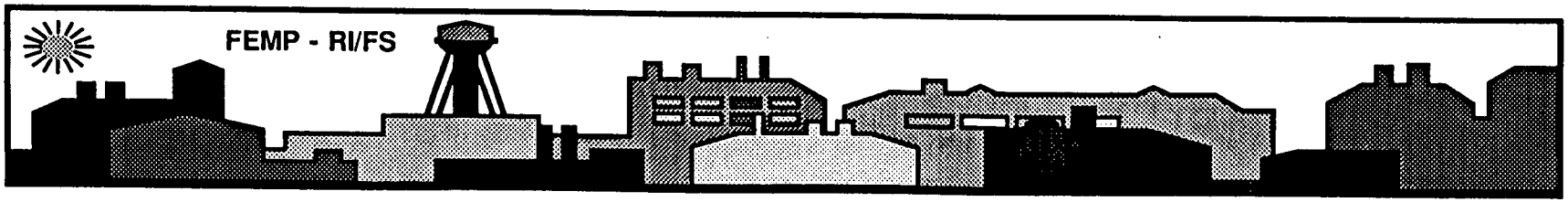
Project Start : 31OCT90
Project Finish: 4MAY01

Sheet 25 of 27

Data Date: 10AUG91
Plot Date: 12SEP91

Prepared by ASI/IT Corp.

Date	Revision	Checked	Approved



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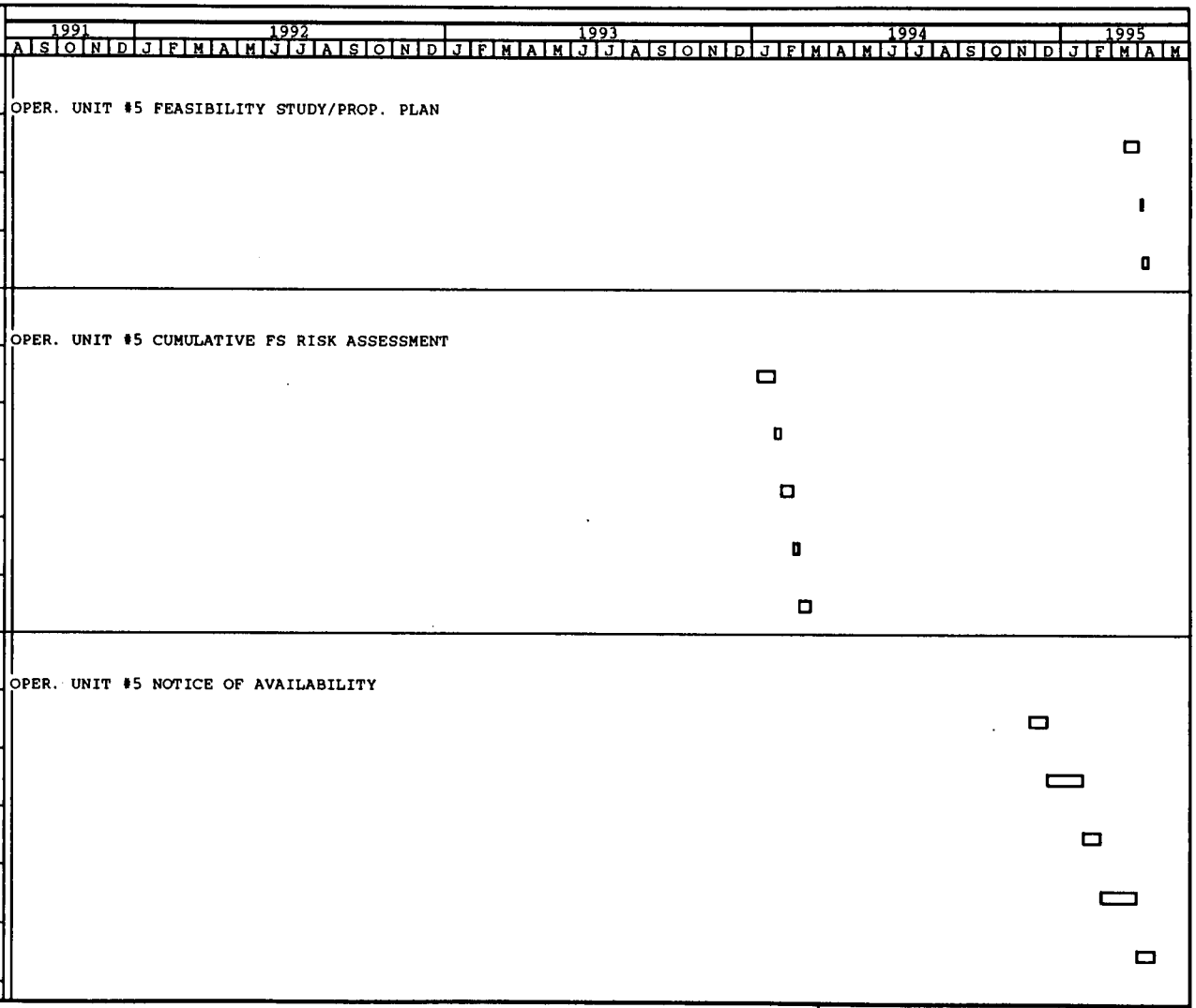
INCORPORATE EPA COMMENTS 5315A41710 OD 12 RD 12 LS 16MAR95 LF 31MAR95	
INTERNAL REVIEW 5315A41715 OD 3 RD 3 LS 3APR95 LF 5APR95	
PRINT AND DIST FINAL REPORT 5315A41720 OD 5 RD 5 LS 6APR95 LF 12APR95	
	OPER. UNIT #5 CUMULATIVE FS RISK ASSESSMENT
INTEGRATE FINAL OU5 RA DATA 5316A82161 OD 15 RD 15 LS 6JAN94 LF 26JAN94	
UPDATE SITEWIDE RME 5316A82163 OD 5 RD 5 LS 27JAN94 LF 2FEB94	
UPDATE EVAL OF CHEMICALS OF CONCERN 5316A82165 OD 10 RD 10 LS 3FEB94 LF 16FEB94	
UPDATE EVALUATION OF RISKS 5316A82168 OD 5 RD 5 LS 17FEB94 LF 23FEB94	
UPDATE CUMULATIVE FS RA APPENDIX 5316A82171 OD 10 RD 10 LS 24FEB94 LF 9MAR94	
	OPER. UNIT #5 NOTICE OF AVAILABILITY
DRAFT NOTICE OF AVAILABILITY (NOA) 5317A42101 OD 15 RD 15 LS 24NOV94 LF 14DEC94	
DOE/HQ REVIEW AND COMMENT ON NOA 5317A42103 OD 30 RD 30 LS 15DEC94 LF 25JAN95	
INCORPORATE DOE/HQ NOA COMMENTS 5317A42105 OD 15 RD 15 LS 26JAN95 LF 15FEB95	
PRINT AND REPRODUCE NOA 5317A42107 OD 30 RD 30 LS 16FEB95 LF 29MAR95	
PUBLISH NOA 5317A42109 OD 15 RD 15 LS 30MAR95 LF 19APR95	



Activity Bar/Late Dates
Critical Activity
Progress Bar

Primavera Systems, Inc. 1984-1991

RI/FS PROJECT SCHEDULES
FERNALD ENVIRONMENTAL MGMT. PROJECT
OPERABLE UNIT 5 BAR CHART LEVEL IV

Sheet 26 of 27

Project Start : 31OCT90
Project Finish: 4MAY01

Data Date: 10AUG91
Plot Date: 12SEP91

Prepared by ASI/IT Corp.

Date	Revision	Checked	Approved

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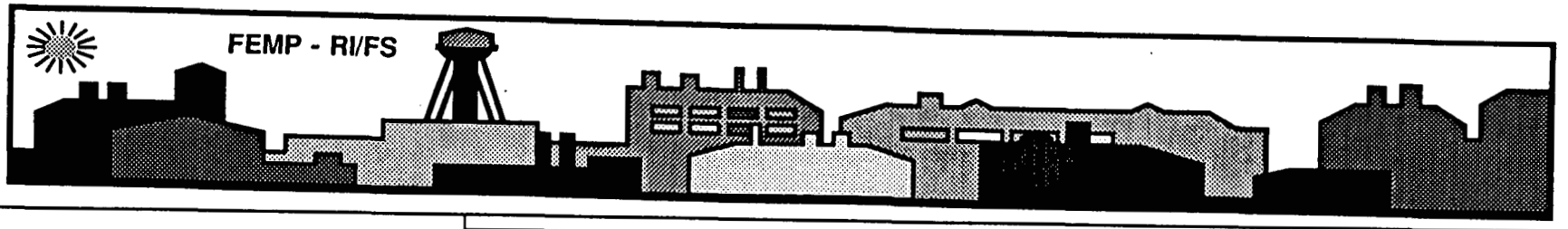

ISSUE NOTICE TO PUBLIC 5318A40020 OD 5 RD 5 LS 13APR95 LF 19APR95	OPER. UNIT #5 PUBLIC COMMENT PERIOD
EPA NEPA COORDINATOR EIS REVIEW 5318A40025 OD 32 RD 32 LS 20APR95 LF 2JUN95	
PUBLIC COMMENT PERIOD 5318A40030 OD 32 RD 32 LS 20APR95 LF 2JUN95	
EVAL & RESPOND TO PUBLIC COMMENTS 5318A40100 OD 21 RD 21 LS 5JUN95 LF 3JUL95	
PREPARE DECISION SUMMARY 5319A50060 OD 21 RD 21 LS 29MAR95 LF 26APR95	OPER. UNIT #5 DRAFT ROD
INCORP RESPONSIVENESS SUMMARY 5319A50070 OD 0 RD 0 LF 30JUN95	
PREPARE DECLARATION 5319A50071 OD 5 RD 5 LS 20APR95 LF 26APR95	
INTERNAL REVIEW 5319A50100 OD 5 RD 5 LS 27APR95 LF 3MAY95	
SUBMIT DRAFT TO DOE/WMCO 5319A50501 OD 1 RD 1 LS 4MAY95 LF 4MAY95	
DOE/WMCO REVIEW & COMMENT 5319A50530 OD 21 RD 21 LS 5MAY95 LF 2JUN95	
INCORP DOE/WMCO COMMENTS OU5 DRAFT ROD 5319A50550 OD 20 RD 20 LS 5JUN95 LF 30JUN95	
SUBMIT REVISED DRAFT TO DOE 5319A50560 OD 1 RD 1 LS 3JUL95 LF 3JUL95	
EM-1 REVIEW, REVISE & APPROVE 5319A50595 OD 21 RD 21 LS 4JUL95 LF 1AUG95	
DOE SUBMIT OU5 EPA DRAFT ROD TO EPA 5319A50600 OD 1 RD 1 LS 2AUG95 LF 2AUG95	

1991 1992 1993 1994 1995
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Activity Bar/Late Dates
Critical Activity
Progress Bar

Primavera Systems, Inc. 1984-1991

Project Start : 31OCT90
Project Finish: 4MAY01

RI/FS PROJECT SCHEDULES
FERNALD ENVIRONMENTAL MGMT. PROJECT
OPERABLE UNIT 5 BAR CHART LEVEL IV

Sheet 27 of 27

Data Date: 10AUG91
Plot Date: 12SEP91

Prepared by ASI/IT Corp.

Date	Revision	Checked	Approved

000353

22927

Detailed Precedence Analysis

RI/FS PROJECT SCHEDULES | PRIMAVERA PROJECT PLANNER | FERNALD ENVIRONMENTAL MGMT. PROJECT

REPORT DATE 12SEP91 14:50 RUN NO. 476 | Prepared by ASI/IT Corp. | START DATE 31OCT90 FIN DATE 4MAY01

SCHED REP - DETAILED PRECEDENCE ANALYSIS OU 5 | DATA DATE 10AUG91 PAGE NO. 1

ACTIVITY ID	ORIG DUR	REM DUR	%	CODE	ACTIVITY DESCRIPTION	LATE START	LATE FINISH
FACILITIES TESTING							
5203A07544	35	26	26	52	REMAINING BORINGS/PIEZOMETERS INSTALLATION	29MAR91A	24DEC92
..5203A02000	533	375	30	S SS 0	OPERABLE UNIT RELATED FIELD ACTIVITIES	2JAN91A	26JUL93
..5203A02007*	260	164	37	S SS 0	FACILITIES TESTING	29MAR91A	12JUL93
..5203A07546*	2	2	0	S FS 0	SHIPPING/ARCHIVING	3APR91A	7MAR93
..5203A07548*	5	5	0	S FS 0	DEMOBILIZATION	1JUL93	5JUL93
..5203A07660	1	1	0	S SS 20	TASK SPECIFIC WELL DEVELOPMENT TRAINING	29NOV92	29NOV92
5203A07546	2	2	0	52	SHIPPING/ARCHIVING	3APR91A	7MAR93
..5203A07544*	35	26	26	P FS 0	REMAINING BORINGS/PIEZOMETERS INSTALLATION	29MAR91A	24DEC92
..5203A07547*	5	5	0	S FS 0	FIELD DATA VALIDATION	4APR91A	28JUN93
..5203A07992	80	80	0	S FS 0	LABORATORY ANALYSIS/REPORT SOIL	8MAR93	25JUN93
5203A07547	5	5	0	52	FIELD DATA VALIDATION	4APR91A	28JUN93
..5203A07546*	2	2	0	P FS 0	SHIPPING/ARCHIVING	3APR91A	7MAR93
..5203A07549*	5	5	0	S FS 0	FIELD DATA ENTRY	29JUN93	5JUL93
5203A07548	5	5	0	52	DEMOBILIZATION	1JUL93	5JUL93
..5203A07544*	35	26	26	P FS 0	REMAINING BORINGS/PIEZOMETERS INSTALLATION	29MAR91A	24DEC92
..5203A07549	5	5	0	S FF 0	FIELD DATA ENTRY	29JUN93	5JUL93
5203A07549	5	5	0	52	FIELD DATA ENTRY	29JUN93	5JUL93
..5203A07547*	5	5	0	P FS 0	FIELD DATA VALIDATION	4APR91A	28JUN93
..5203A07548	5	5	0	P FF 0	DEMOBILIZATION	1JUL93	5JUL93
..5203A07999	5	5	0	S FS 0	DATA BASE ENTRY	6JUL93	12JUL93
5203A07660	1	1	0	52	TASK SPECIFIC WELL DEVELOPMENT TRAINING	29NOV92	29NOV92
..5203A07544	35	26	26	P SS 20	REMAINING BORINGS/PIEZOMETERS INSTALLATION	29MAR91A	24DEC92
..5203A07662	1	1	0	S FS 0	WELL DEVELOPMENT MOBILIZATION	30NOV92	30NOV92
5203A07662	1	1	0	52	WELL DEVELOPMENT MOBILIZATION	30NOV92	30NOV92
..5203A07660	1	1	0	P FS 0	TASK SPECIFIC WELL DEVELOPMENT TRAINING	29NOV92	29NOV92
..5203A07664*	20	20	0	S FS 0	WELL DEVELOPMENT/SAMPLING	1DEC92	28DEC92
5203A07664	20	20	0	52	WELL DEVELOPMENT/SAMPLING	1DEC92	28DEC92
..5203A07662*	1	1	0	P FS 0	WELL DEVELOPMENT MOBILIZATION	30NOV92	30NOV92
..5203A07676*	2	2	0	S FS 0	SHIPPING/ARCHIVING	3MAR93	4MAR93
..5203A07678*	2	2	0	S FS 0	DEMOBILIZATION/DECON	2JUL93	5JUL93
..5203A07770*	1	1	0	S FS 42	TASK SPECIFIC TRAINING	25FEB93	25FEB93
5203A07676	2	2	0	52	SHIPPING/ARCHIVING	3MAR93	4MAR93
..5203A07664*	20	20	0	P FS 0	WELL DEVELOPMENT/SAMPLING	1DEC92	28DEC92
..5203A07677*	1	1	0	S FS 0	FIELD DATA VALIDATION	28JUN93	28JUN93
..5203A07993*	80	80	0	S FS 0	LAB ANALYSIS/REPORT H2O SAMPLE1	5MAR93	24JUN93

ACTIVITY ID	ORIG DUR	REM DUR	%	CODE	ACTIVITY DESCRIPTION	LATE START	LATE FINISH
FACILITIES TESTING							
5203A07677	1	1	0	52	FIELD DATA VALIDATION	28JUN93	28JUN93
..5203A07676*	2	2	0 P FS	0	SHIPPING/ARCHIVING	3MAR93	4MAR93
..5203A07679*	5	5	0 S FS	0	DATA ENTRY	29JUN93	5JUL93
5203A07678	2	2	0	52	DEMOBILIZATION/DECON	2JUL93	5JUL93
..5203A07664*	20	20	0 P FS	0	WELL DEVELOPMENT/SAMPLING	1DEC92	28DEC92
..5203A07679	5	5	0 S FF	0	DATA ENTRY	29JUN93	5JUL93
5203A07679	5	5	0	52	DATA ENTRY	29JUN93	5JUL93
..5203A07677*	1	1	0 P FS	0	FIELD DATA VALIDATION	28JUN93	28JUN93
..5203A07678	2	2	0 P FF	0	DEMOBILIZATION/DECON	2JUL93	5JUL93
..5203A07999	5	5	0 S FS	0	DATA BASE ENTRY	6JUL93	12JUL93
5203A07770	1	1	0	52	TASK SPECIFIC TRAINING	25FEB93	25FEB93
..5203A07664*	20	20	0 P FS	42	WELL DEVELOPMENT/SAMPLING	1DEC92	28DEC92
..5203A07772*	1	1	0 S FS	0	MOBILIZATION	26FEB93	26FEB93
5203A07772	1	1	0	52	MOBILIZATION	26FEB93	26FEB93
..5203A07770*	1	1	0 P FS	0	TASK SPECIFIC TRAINING	25FEB93	25FEB93
..5203A07774*	3	3	0 S FS	0	WATER SAMPLING	27FEB93	1MAR93
5203A07774	3	3	0	52	WATER SAMPLING	27FEB93	1MAR93
..5203A07772*	1	1	0 P FS	0	MOBILIZATION	26FEB93	26FEB93
..5203A07776*	1	1	0 S FS	0	SHIPPING/ARCHIVING	2MAR93	2MAR93
.5203A07778*	1	1	0 S FS	0	DEMOBILZATION/DECON	5MAR93	5MAR93
5203A07776	1	1	0	52	SHIPPING/ARCHIVING	2MAR93	2MAR93
.5203A07774*	3	3	0 P FS	0	WATER SAMPLING	27FEB93	1MAR93
.5203A07777*	1	1	0 S FS	0	FIELD DATA VALIDATION	3MAR93	3MAR93
.5203A07994*	80	80	0 S FS	0	LAB ANALYSIS/REPORT H2O SAMPLE2	8MAR93	25JUN93
5203A07777	1	1	0	52	FIELD DATA VALIDATION	3MAR93	3MAR93
.5203A07776*	1	1	0 P FS	0	SHIPPING/ARCHIVING	2MAR93	2MAR93
.5203A07779*	2	2	0 S FS	0	FIELD DATA ENTRY	4MAR93	5MAR93
5203A07778	1	1	0	52	DEMOBILZATION/DECON	5MAR93	5MAR93
.5203A07774*	3	3	0 P FS	0	WATER SAMPLING	27FEB93	1MAR93
.5203A07779	2	2	0 S FF	0	FIELD DATA ENTRY	4MAR93	5MAR93
5203A07779	2	2	0	52	FIELD DATA ENTRY	4MAR93	5MAR93
5203A07777*	1	1	0 P FS	0	FIELD DATA VALIDATION	3MAR93	3MAR93
5203A07778	1	1	0 P FF	0	DEMOBILZATION/DECON	5MAR93	5MAR93
5203A07992*	80	80	0 S FS	0	LABORATORY ANALYSIS/REPORT SOIL	8MAR93	25JUN93

ACTIVITY ID	ORIG DUR	REM DUR	%	CODE	ACTIVITY DESCRIPTION	LATE START	LATE FINISH
FACILITIES TESTING							
5203A07992	80	80	0	52	LABORATORY ANALYSIS/REPORT SOIL	8MAR93	25JUN93
..5203A07546	2	2	0 P FS	0	SHIPPING/ARCHIVING	3APR91A	7MAR93
..5203A07779*	2	2	0 P FS	0	FIELD DATA ENTRY	4MAR93	5MAR93
..5203A07995*	1	1	0 S FS	0	REC LAB REP SOIL	28JUN93	28JUN93
5203A07993	80	80	0	52	LAB ANALYSIS/REPORT H2O SAMPLE1	5MAR93	24JUN93
..5203A07676*	2	2	0 P FS	0	SHIPPING/ARCHIVING	3MAR93	4MAR93
..5203A07996*	1	1	0 S FS	0	REC LAB RPT H2O SAMPLE1	25JUN93	25JUN93
5203A07994	80	80	0	52	LAB ANALYSIS/REPORT H2O SAMPLE2	8MAR93	25JUN93
..5203A07776*	1	1	0 P FS	0	SHIPPING/ARCHIVING	2MAR93	2MAR93
..5203A07997*	1	1	0 S FS	0	REC LAB RPT H2O SAMPLE2	28JUN93	28JUN93
5203A07995	1	1	0	52	REC LAB REP SOIL	28JUN93	28JUN93
..5203A07992*	80	80	0 P FS	0	LABORATORY ANALYSIS/REPORT SOIL	8MAR93	25JUN93
..5203A07998*	5	5	0 S FS	0	VALIDATE LABORATORY REPORT	29JUN93	5JUL93
5203A07996	1	1	0	52	REC LAB RPT H2O SAMPLE1	25JUN93	25JUN93
..5203A07993*	80	80	0 P FS	0	LAB ANALYSIS/REPORT H2O SAMPLE1	5MAR93	24JUN93
..5203A07997	1	1	0 S FS	0	REC LAB RPT H2O SAMPLE2	28JUN93	28JUN93
..5203A07998	5	5	0 S FS	0	VALIDATE LABORATORY REPORT	29JUN93	5JUL93
5203A07997	1	1	0	52	REC LAB RPT H2O SAMPLE2	28JUN93	28JUN93
..5203A07994*	80	80	0 P FS	0	LAB ANALYSIS/REPORT H2O SAMPLE2	8MAR93	25JUN93
..5203A07996	1	1	0 P FS	0	REC LAB RPT H2O SAMPLE1	25JUN93	25JUN93
..5203A07998	5	5	0 S FS	0	VALIDATE LABORATORY REPORT	29JUN93	5JUL93
5203A07998	5	5	0	52	VALIDATE LABORATORY REPORT	29JUN93	5JUL93
..5203A07995*	1	1	0 P FS	0	REC LAB REP SOIL	28JUN93	28JUN93
..5203A07996	1	1	0 P FS	0	REC LAB RPT H2O SAMPLE1	25JUN93	25JUN93
..5203A07997	1	1	0 P FS	0	REC LAB RPT H2O SAMPLE2	28JUN93	28JUN93
..5203A07999*	5	5	0 S FS	0	DATA BASE ENTRY	6JUL93	12JUL93
5203A07999	5	5	0	52	DATA BASE ENTRY	6JUL93	12JUL93
..5203A02000	533	375	30 P FF	0	OPERABLE UNIT RELATED FIELD ACTIVITIES	2JAN91A	26JUL93
..5203A02007*	260	164	37 P FF	0	FACILITIES TESTING	29MAR91A	12JUL93
..5203A07549	5	5	0 P FS	0	FIELD DATA ENTRY	29JUN93	5JUL93
..5203A07679	5	5	0 P FS	0	DATA ENTRY	29JUN93	5JUL93
..5203A07998*	5	5	0 P FS	0	VALIDATE LABORATORY REPORT	29JUN93	5JUL93
..5206A25102	10	10	0 S FS	0	OBTAIN VALIDATED ANALYSES FROM FIELD WORK	13JUL93	26JUL93
31 WELL PROGRAM							
5203A10334	30	10	67	52	LAND OWNER LICENSE AGREEMENT	15MAR91A	28DEC92
..5203A02000	533	375	30 S SS	0	OPERABLE UNIT RELATED FIELD ACTIVITIES	2JAN91A	26JUL93

ACTIVITY ID	ORIG DUR	REM DUR	%			CODE	ACTIVITY DESCRIPTION	LATE START	LATE FINISH
..5203A02010*	273	167	39	S	SS	0	OU5 FIELD WORK 31 WELL PROGRAM	15MAR91A	26JUL93
..5203A10336*	3	3	0	S	FS	0	UTILITY APPROVAL 31 WELL PROGRAM	29DEC92	31DEC92
..5203A10540*	1	1	0	S	FS	0	31 WELL PROGRAM SPECIFIC TRAINING	30DEC92	30DEC92
5203A10336	3	3	0			52	UTILITY APPROVAL 31 WELL PROGRAM	29DEC92	31DEC92
..5203A10334*	30	10	67	P	FS	0	LAND OWNER LICENSE AGREEMENT	15MAR91A	28DEC92
..5203A10544*	4	4	0	S	FS	0	WELL INSTALLATION (1 - 2K SERIES WELL)	1JAN93	4JAN93
5203A10540	1	1	0			52	31 WELL PROGRAM SPECIFIC TRAINING	30DEC92	30DEC92
..5203A10334*	30	10	67	P	FS	0	LAND OWNER LICENSE AGREEMENT	15MAR91A	28DEC92
..5203A10542*	1	1	0	S	FS	0	MOBILIZATION	31DEC92	31DEC92
5203A10542	1	1	0			52	MOBILIZATION	31DEC92	31DEC92
..5203A10540*	1	1	0	P	FS	0	31 WELL PROGRAM SPECIFIC TRAINING	30DEC92	30DEC92
..5203A10544	4	4	0	S	FS	0	WELL INSTALLATION (1 - 2K SERIES WELL)	1JAN93	4JAN93
5203A10544	4	4	0			52	WELL INSTALLATION (1 - 2K SERIES WELL)	1JAN93	4JAN93
..5203A10336*	3	3	0	P	FS	0	UTILITY APPROVAL 31 WELL PROGRAM	29DEC92	31DEC92
..5203A10542	1	1	0	P	FS	0	MOBILIZATION	31DEC92	31DEC92
..5203A10546*	1	1	0	S	FS	0	SHIPPING/ARCHIVING	21MAR93	21MAR93
..5203A10660*	1	1	0	S	SS	10	TASK SPECIFIC WELL DEVELOPMENT TRAINING	11JAN93	11JAN93
..5203A10664*	2	2	0	S	FF	10	WELL DEVELOPMENT/SAMPLING (1 - 2K SERIES WELL)	13JAN93	14JAN93
..5203A11544	60	60	0	S	FS	0	WELL INSTALLATION (3 - 2K, 6 - 3K SERIES WELLS)	6JAN93	6MAR93
5203A10546	1	1	0			52	SHIPPING/ARCHIVING	21MAR93	21MAR93
..5203A10544*	4	4	0	P	FS	0	WELL INSTALLATION (1 - 2K SERIES WELL)	1JAN93	4JAN93
..5203A10547*	1	1	0	S	FS	0	FIELD DATA VALIDATION	15JUL93	15JUL93
..5203A10992*	80	80	0	S	FS	0	LABORATORY ANALYSIS/REPORT SOIL	22MAR93	9JUL93
5203A10547	1	1	0			52	FIELD DATA VALIDATION	15JUL93	15JUL93
..5203A10546*	1	1	0	P	FS	0	SHIPPING/ARCHIVING	21MAR93	21MAR93
..5203A10549*	2	2	0	S	FS	0	FIELD DATA ENTRY	16JUL93	19JUL93
5203A10548	1	1	0			52	DEMOBILIZATION	19JUL93	19JUL93
..5203A10549	2	2	0	S	FF	0	FIELD DATA ENTRY	16JUL93	19JUL93
5203A10549	2	2	0			52	FIELD DATA ENTRY	16JUL93	19JUL93
..5203A10547*	1	1	0	P	FS	0	FIELD DATA VALIDATION	15JUL93	15JUL93
..5203A10548	1	1	0	P	FF	0	DEMOBILIZATION	19JUL93	19JUL93
..5203A10999	5	5	0	S	FS	0	DATA BASE ENTRY	20JUL93	26JUL93
5203A10660	1	1	0			52	TASK SPECIFIC WELL DEVELOPMENT TRAINING	11JAN93	11JAN93
..5203A10544*	4	4	0	P	SS	10	WELL INSTALLATION (1 - 2K SERIES WELL)	1JAN93	4JAN93
..5203A10662*	1	1	0	S	FS	0	WELL DEVELOPMENT MOBILIZATION	12JAN93	12JAN93

ACTIVITY ID	ORIG DUR	REM DUR	%	CODE	ACTIVITY DESCRIPTION	LATE START	LATE FINISH
31 WELL PROGRAM							
5203A10662	1	1	0	52	WELL DEVELOPMENT MOBILIZATION	12JAN93	12JAN93
..5203A10660*	1	1	0	P FS 0	TASK SPECIFIC WELL DEVELOPMENT TRAINING	11JAN93	11JAN93
..5203A10664*	2	2	0	S FS 0	WELL DEVELOPMENT/SAMPLING (1 - 2K SERIES WELL)	13JAN93	14JAN93
5203A10664	2	2	0	52	WELL DEVELOPMENT/SAMPLING (1 - 2K SERIES WELL)	13JAN93	14JAN93
..5203A10544*	4	4	0	P FF 10	WELL INSTALLATION (1 - 2K SERIES WELL)	1JAN93	4JAN93
..5203A10662*	1	1	0	P FS 0	WELL DEVELOPMENT MOBILIZATION	12JAN93	12JAN93
..5203A10676*	1	1	0	S FS 0	SHIPPING/ARCHIVING	18MAR93	18MAR93
..5203A10678*	1	1	0	S FS 0	DEMOBILIZATION/DECON	19JUL93	19JUL93
..5203A10770*	1	1	0	S FS 42	TASK SPECIFIC TRAINING	16MAR93	16MAR93
..5203A11664	32	32	0	S FS 0	WELL DEVELOPMENT/SAMPLING	1FEB93	16MAR93
5203A10676	1	1	0	52	SHIPPING/ARCHIVING	18MAR93	18MAR93
..5203A10664*	2	2	0	P FS 0	WELL DEVELOPMENT/SAMPLING (1 - 2K SERIES WELL)	13JAN93	14JAN93
..5203A10677*	1	1	0	S FS 0	FIELD DATA VALIDATION	15JUL93	15JUL93
..5203A10993*	80	80	0	S FS 0	LAB ANALYSIS/REPORT H2O SAMPLE1	19MAR93	8JUL93
5203A10677	1	1	0	52	FIELD DATA VALIDATION	15JUL93	15JUL93
..5203A10676*	1	1	0	P FS 0	SHIPPING/ARCHIVING	18MAR93	18MAR93
..5203A10679*	2	2	0	S FS 0	FIELD DATA ENTRY	16JUL93	19JUL93
5203A10678	1	1	0	52	DEMOBILIZATION/DECON	19JUL93	19JUL93
..5203A10664*	2	2	0	P FS 0	WELL DEVELOPMENT/SAMPLING (1 - 2K SERIES WELL)	13JAN93	14JAN93
..5203A10679	2	2	0	S FF 0	FIELD DATA ENTRY	16JUL93	19JUL93
5203A10679	2	2	0	52	FIELD DATA ENTRY	16JUL93	19JUL93
..5203A10677*	1	1	0	P FS 0	FIELD DATA VALIDATION	15JUL93	15JUL93
..5203A10678	1	1	0	P FF 0	DEMOBILIZATION/DECON	19JUL93	19JUL93
..5203A10999	5	5	0	S FS 0	DATA BASE ENTRY	20JUL93	26JUL93
5203A10770	1	1	0	52	TASK SPECIFIC TRAINING	16MAR93	16MAR93
..5203A10664*	2	2	0	P FS 42	WELL DEVELOPMENT/SAMPLING (1 - 2K SERIES WELL)	13JAN93	14JAN93
..5203A10772*	1	1	0	S FS 0	MOBILIZATION	17MAR93	17MAR93
5203A10772	1	1	0	52	MOBILIZATION	17MAR93	17MAR93
..5203A10770*	1	1	0	P FS 0	TASK SPECIFIC TRAINING	16MAR93	16MAR93
..5203A10774*	1	1	0	S FS 0	WATER SAMPLING	18MAR93	18MAR93
5203A10774	1	1	0	52	WATER SAMPLING	18MAR93	18MAR93
..5203A10772*	1	1	0	P FS 0	MOBILIZATION	17MAR93	17MAR93
..5203A10776*	1	1	0	S FS 0	SHIPPING/ARCHIVING	19MAR93	19MAR93
..5203A10778*	1	1	0	S FS 0	DEMOBILZATION/DECON	19JUL93	19JUL93

ACTIVITY ID	ORIG DUR	REM DUR	%		CODE	ACTIVITY DESCRIPTION	LATE START	LATE FINISH
31 WELL PROGRAM								
5203A10776	1	1	0		52	SHIPPING/ARCHIVING	19MAR93	19MAR93
..5203A10774*	1	1	0	P FS	0	WATER SAMPLING	18MAR93	18MAR93
..5203A10777*	1	1	0	S FS	0	FIELD DATA VALIDATION	12JUL93	12JUL93
..5203A10994*	80	80	0	S FS	0	LAB ANALYSIS/REPORT H2O SAMPLE2	22MAR93	9JUL93
5203A10777	1	1	0		52	FIELD DATA VALIDATION	12JUL93	12JUL93
..5203A10776*	1	1	0	P FS	0	SHIPPING/ARCHIVING	19MAR93	19MAR93
..5203A10779*	5	5	0	S FS	0	FIELD DATA ENTRY	13JUL93	19JUL93
5203A10778	1	1	0		52	DEMOBILZATION/DECON	19JUL93	19JUL93
..5203A10774*	1	1	0	P FS	0	WATER SAMPLING	18MAR93	18MAR93
..5203A10779	5	5	0	S FF	0	FIELD DATA ENTRY	13JUL93	19JUL93
5203A10779	5	5	0		52	FIELD DATA ENTRY	13JUL93	19JUL93
..5203A10777*	1	1	0	P FS	0	FIELD DATA VALIDATION	12JUL93	12JUL93
..5203A10778	1	1	0	P FF	0	DEMOBILZATION/DECON	19JUL93	19JUL93
..5203A10999	5	5	0	S FS	0	DATA BASE ENTRY	20JUL93	26JUL93
5203A10992	80	80	0		52	LABORATORY ANALYSIS/REPORT SOIL	22MAR93	9JUL93
..5203A10546*	1	1	0	P FS	0	SHIPPING/ARCHIVING	21MAR93	21MAR93
..5203A10995*	1	1	0	S FS	0	REC LAB REP SOIL	12JUL93	12JUL93
5203A10993	80	80	0		52	LAB ANALYSIS/REPORT H2O SAMPLE1	19MAR93	8JUL93
..5203A10676*	1	1	0	P FS	0	SHIPPING/ARCHIVING	18MAR93	18MAR93
..5203A10996*	1	1	0	S FS	0	REC LAB RPT H2O SAMPLE1	9JUL93	9JUL93
5203A10994	80	80	0		52	LAB ANALYSIS/REPORT H2O SAMPLE2	22MAR93	9JUL93
..5203A10776*	1	1	0	P FS	0	SHIPPING/ARCHIVING	19MAR93	19MAR93
..5203A10997*	1	1	0	S FS	0	REC LAB RPT H2O SAMPLE2	12JUL93	12JUL93
5203A10995	1	1	0		52	REC LAB REP SOIL	12JUL93	12JUL93
..5203A10992*	80	80	0	P FS	0	LABORATORY ANALYSIS/REPORT SOIL	22MAR93	9JUL93
..5203A10998	5	5	0	S FS	0	VALIDATE LABORATORY REPORT	13JUL93	19JUL93
5203A10996	1	1	0		52	REC LAB RPT H2O SAMPLE1	9JUL93	9JUL93
.5203A10993*	80	80	0	P FS	0	LAB ANALYSIS/REPORT H2O SAMPLE1	19MAR93	8JUL93
.5203A10997	1	1	0	S FS	0	REC LAB RPT H2O SAMPLE2	12JUL93	12JUL93
.5203A10998	5	5	0	S FS	0	VALIDATE LABORATORY REPORT	13JUL93	19JUL93
5203A10997	1	1	0		52	REC LAB RPT H2O SAMPLE2	12JUL93	12JUL93
.5203A10994*	80	80	0	P FS	0	LAB ANALYSIS/REPORT H2O SAMPLE2	22MAR93	9JUL93
.5203A10996	1	1	0	P FS	0	REC LAB RPT H2O SAMPLE1	9JUL93	9JUL93
.5203A10998*	5	5	0	S FS	0	VALIDATE LABORATORY REPORT	13JUL93	19JUL93

000360

ACTIVITY ID	ORIG DUR	REM DUR	%		CODE	ACTIVITY DESCRIPTION	LATE START	LATE FINISH
31 WELL PROGRAM								
5203A10998	5	5	0		52	VALIDATE LABORATORY REPORT	13JUL93	19JUL93
..5203A10995	1	1	0	P FS	0	REC LAB REP SOIL	12JUL93	12JUL93
..5203A10996	1	1	0	P FS	0	REC LAB RPT H2O SAMPLE1	9JUL93	9JUL93
..5203A10997*	1	1	0	P FS	0	REC LAB RPT H2O SAMPLE2	12JUL93	12JUL93
..5203A10999*	5	5	0	S FS	0	DATA BASE ENTRY	20JUL93	26JUL93
5203A10999	5	5	0		52	DATA BASE ENTRY	20JUL93	26JUL93
..5203A02000	533	375	30	P FF	0	OPERABLE UNIT RELATED FIELD ACTIVITIES	2JAN91A	26JUL93
..5203A02010*	273	167	39	P FF	0	OU5 FIELD WORK 31 WELL PROGRAM	15MAR91A	26JUL93
..5203A10549	2	2	0	P FS	0	FIELD DATA ENTRY	16JUL93	19JUL93
..5203A10679	2	2	0	P FS	0	FIELD DATA ENTRY	16JUL93	19JUL93
..5203A10779	5	5	0	P FS	0	FIELD DATA ENTRY	13JUL93	19JUL93
..5203A10998*	5	5	0	P FS	0	VALIDATE LABORATORY REPORT	13JUL93	19JUL93
..5206A25102	10	10	0	S FF	0	OBTAIN VALIDATED ANALYSES FROM FIELD WORK	13JUL93	26JUL93
PADDYS RUN SOUTH								
5203A11334	30	30	0		52	LAND OWNER LICENSE AGREEMENT	23JUN92	3AUG92
..5203A02000	533	375	30	S SS	0	OPERABLE UNIT RELATED FIELD ACTIVITIES	2JAN91A	26JUL93
..5203A02011*	316	316	0	S SS	0	OU5 FIELD WORK - PADDYS RUN SAMPLING	23JUN92	26JUL93
..5203A11336*	3	3	0	S FS	0	UTILITY APPROVAL PADDYS RUN SOUTH	1JAN93	5JAN93
..5203A11540*	1	1	0	S FS	0	PADDYS RUN SOUTH SPECIFIC TRAINING	5JAN93	5JAN93
..5203A11770*	1	1	0	S SS	8	TASK SPECIFIC TRAINING	3JUL92	3JUL92
5203A11336	3	3	0		52	UTILITY APPROVAL PADDYS RUN SOUTH	1JAN93	5JAN93
..5203A11334*	30	30	0	P FS	0	LAND OWNER LICENSE AGREEMENT	23JUN92	3AUG92
..5203A11544*	60	60	0	S FS	0	WELL INSTALLATION (3 - 2K, 6 - 3K SERIES WELLS)	6JAN93	6MAR93
5203A11540	1	1	0		52	PADDYS RUN SOUTH SPECIFIC TRAINING	5JAN93	5JAN93
..5203A11334*	30	30	0	P FS	0	LAND OWNER LICENSE AGREEMENT	23JUN92	3AUG92
..5203A11542*	1	1	0	S SS	0	MOBILIZATION	5JAN93	5JAN93
5203A11542	1	1	0		52	MOBILIZATION	5JAN93	5JAN93
..5203A11540*	1	1	0	P SS	0	PADDYS RUN SOUTH SPECIFIC TRAINING	5JAN93	5JAN93
..5203A11544	60	60	0	S FS	0	WELL INSTALLATION (3 - 2K, 6 - 3K SERIES WELLS)	6JAN93	6MAR93
5203A11544	60	60	0		52	WELL INSTALLATION (3 - 2K, 6 - 3K SERIES WELLS)	6JAN93	6MAR93
..5203A10544	4	4	0	P FS	0	WELL INSTALLATION (1 - 2K SERIES WELL)	1JAN93	4JAN93
..5203A11336*	3	3	0	P FS	0	UTILITY APPROVAL PADDYS RUN SOUTH	1JAN93	5JAN93
..5203A11542	1	1	0	P FS	0	MOBILIZATION	5JAN93	5JAN93
..5203A11546*	2	2	0	S FS	0	SHIPPING/ARCHIVING	20MAR93	21MAR93
..5203A11548*	5	5	0	S FS	0	DEMOBILIZATION	15JUL93	19JUL93
..5203A11660*	1	1	0	S SS	10	TASK SPECIFIC WELL DEVELOPMENT TRAINING	28JAN93	28JAN93
..5203A11664*	32	32	0	S FF	10	WELL DEVELOPMENT/SAMPLING	1FEB93	16MAR93

ACTIVITY ID	ORIG DUR	REM DUR	%	CODE	ACTIVITY DESCRIPTION	LATE START	LATE FINISH
PADDYS RUN SOUTH							
5203A11546	2	2	0	52	SHIPPING/ARCHIVING	20MAR93	21MAR93
..5203A11544*	60	60	0 P FS	0	WELL INSTALLATION (3 - 2K, 6 - 3K SERIES WELLS)	6JAN93	6MAR93
..5203A11547*	5	5	0 S FS	0	FIELD DATA VALIDATION	6JUL93	12JUL93
..5203A11992*	80	80	0 S FS	0	LABORATORY ANALYSIS/REPORT SOIL	22MAR93	9JUL93
5203A11547	5	5	0	52	FIELD DATA VALIDATION	6JUL93	12JUL93
..5203A11546*	2	2	0 P FS	0	SHIPPING/ARCHIVING	20MAR93	21MAR93
..5203A11549*	5	5	0 S FS	0	FIELD DATA ENTRY	13JUL93	19JUL93
5203A11548	5	5	0	52	DEMOBILIZATION	15JUL93	19JUL93
..5203A11544*	60	60	0 P FS	0	WELL INSTALLATION (3 - 2K, 6 - 3K SERIES WELLS)	6JAN93	6MAR93
..5203A11549	5	5	0 S FF	0	FIELD DATA ENTRY	13JUL93	19JUL93
5203A11549	5	5	0	52	FIELD DATA ENTRY	13JUL93	19JUL93
..5203A11547*	5	5	0 P FS	0	FIELD DATA VALIDATION	6JUL93	12JUL93
..5203A11548	5	5	0 P FF	0	DEMOBILIZATION	15JUL93	19JUL93
..5203A11999	5	5	0 S FS	0	DATA BASE ENTRY	20JUL93	26JUL93
5203A11660	1	1	0	52	TASK SPECIFIC WELL DEVELOPMENT TRAINING	28JAN93	28JAN93
..5203A11544*	60	60	0 P SS	10	WELL INSTALLATION (3 - 2K, 6 - 3K SERIES WELLS)	6JAN93	6MAR93
..5203A11662*	1	1	0 S FS	0	WELL DEVELOPMENT MOBILIZATION	29JAN93	29JAN93
5203A11662	1	1	0	52	WELL DEVELOPMENT MOBILIZATION	29JAN93	29JAN93
..5203A11660*	1	1	0 P FS	0	TASK SPECIFIC WELL DEVELOPMENT TRAINING	28JAN93	28JAN93
..5203A11664	32	32	0 S FS	0	WELL DEVELOPMENT/SAMPLING	1FEB93	16MAR93
5203A11664	32	32	0	52	WELL DEVELOPMENT/SAMPLING	1FEB93	16MAR93
..5203A10664	2	2	0 P FS	0	WELL DEVELOPMENT/SAMPLING (1 - 2K SERIES WELL)	13JAN93	14JAN93
..5203A11544*	60	60	0 P FF	10	WELL INSTALLATION (3 - 2K, 6 - 3K SERIES WELLS)	6JAN93	6MAR93
..5203A11662	1	1	0 P FS	0	WELL DEVELOPMENT MOBILIZATION	29JAN93	29JAN93
..5203A11676*	2	2	0 S FS	0	SHIPPING/ARCHIVING	17MAR93	18MAR93
..5203A11678*	2	2	0 S FS	0	DEMOBILIZATION/DECON	16JUL93	19JUL93
5203A11676	2	2	0	52	SHIPPING/ARCHIVING	17MAR93	18MAR93
..5203A11664*	32	32	0 P FS	0	WELL DEVELOPMENT/SAMPLING	1FEB93	16MAR93
..5203A11677*	5	5	0 S FS	0	FIELD DATA VALIDATION	6JUL93	12JUL93
..5203A11993*	80	80	0 S FS	0	LAB ANALYSIS/REPORT H2O SAMPLE1	19MAR93	8JUL93
5203A11677	5	5	0	52	FIELD DATA VALIDATION	6JUL93	12JUL93
..5203A11676*	2	2	0 P FS	0	SHIPPING/ARCHIVING	17MAR93	18MAR93
..5203A11679*	5	5	0 S FS	0	FIELD DATA ENTRY	13JUL93	19JUL93
5203A11678	2	2	0	52	DEMOBILIZATION/DECON	16JUL93	19JUL93
.5203A11664*	32	32	0 P FS	0	WELL DEVELOPMENT/SAMPLING	1FEB93	16MAR93

000362

ACTIVITY ID	ORIG DUR	REM DUR	%	CODE	ACTIVITY DESCRIPTION	LATE START	LATE FINISH
..5203A11679	5	5	0 S FF	0	FIELD DATA ENTRY	13JUL93	19JUL93
5203A11679	5	5	0	52	FIELD DATA ENTRY	13JUL93	19JUL93
..5203A11677*	5	5	0 P FS	0	FIELD DATA VALIDATION	6JUL93	12JUL93
..5203A11678	2	2	0 P FF	0	DEMOBILIZATION/DECON	16JUL93	19JUL93
..5203A11999	5	5	0 S FS	0	DATA BASE ENTRY	20JUL93	26JUL93
5203A11770	1	1	0	52	TASK SPECIFIC TRAINING	3JUL92	3JUL92
..5203A11334*	30	30	0 P SS	8	LAND OWNER LICENSE AGREEMENT	23JUN92	3AUG92
..5203A11772*	1	1	0 S FS	0	MOBILIZATION	6JUL92	6JUL92
5203A11772	1	1	0	52	MOBILIZATION	6JUL92	6JUL92
..5203A11770*	1	1	0 P FS	0	TASK SPECIFIC TRAINING	3JUL92	3JUL92
..5203A11774*	256	256	0 S FS	0	WATER SAMPLING	7JUL92	19MAR93
5203A11774	256	256	0	52	WATER SAMPLING	7JUL92	19MAR93
..5203A11772*	1	1	0 P FS	0	MOBILIZATION	6JUL92	6JUL92
..5203A11776*	2	2	0 S FS	0	SHIPPING/ARCHIVING	20MAR93	21MAR93
..5203A11778*	1	1	0 S FS	0	DEMOBILZATION/DECON	19JUL93	19JUL93
5203A11776	2	2	0	52	SHIPPING/ARCHIVING	20MAR93	21MAR93
..5203A11774*	256	256	0 P FS	0	WATER SAMPLING	7JUL92	19MAR93
..5203A11777*	5	5	0 S FS	0	FIELD DATA VALIDATION	6JUL93	12JUL93
..5203A11994*	80	80	0 S FS	0	LAB ANALYSIS/REPORT ADDITIONAL H2O SAMPLES	22MAR93	9JUL93
5203A11777	5	5	0	52	FIELD DATA VALIDATION	6JUL93	12JUL93
..5203A11776*	2	2	0 P FS	0	SHIPPING/ARCHIVING	20MAR93	21MAR93
..5203A11779*	5	5	0 S FS	0	FIELD DATA ENTRY	13JUL93	19JUL93
5203A11778	1	1	0	52	DEMOBILZATION/DECON	19JUL93	19JUL93
..5203A11774*	256	256	0 P FS	0	WATER SAMPLING	7JUL92	19MAR93
..5203A11779	5	5	0 S FF	0	FIELD DATA ENTRY	13JUL93	19JUL93
5203A11779	5	5	0	52	FIELD DATA ENTRY	13JUL93	19JUL93
..5203A11777*	5	5	0 P FS	0	FIELD DATA VALIDATION	6JUL93	12JUL93
..5203A11778	1	1	0 P FF	0	DEMOBILZATION/DECON	19JUL93	19JUL93
..5203A11999	5	5	0 S FS	0	DATA BASE ENTRY	20JUL93	26JUL93
5203A11992	80	80	0	52	LABORATORY ANALYSIS/REPORT SOIL	22MAR93	9JUL93
..5203A11546*	2	2	0 P FS	0	SHIPPING/ARCHIVING	20MAR93	21MAR93
..5203A11995*	1	1	0 S FS	0	REC LAB REP SOIL	12JUL93	12JUL93
5203A11993	80	80	0	52	LAB ANALYSIS/REPORT H2O SAMPLE1	19MAR93	8JUL93
..5203A11676*	2	2	0 P FS	0	SHIPPING/ARCHIVING	17MAR93	18MAR93
..5203A11996*	1	1	0 S FS	0	REC LAB RPT H2O SAMPLE1	9JUL93	9JUL93

ACTIVITY ID	ORIG DUR	REM DUR	%	CODE	ACTIVITY DESCRIPTION	LATE START	LATE FINISH
PADDYS RUN SOUTH							
5203A11994	80	80	0	52	LAB ANALYSIS/REPORT ADDITIONAL H2O SAMPLES	22MAR93	9JUL93
..5203A11776*	2	2	0 P FS	0	SHIPPING/ARCHIVING	20MAR93	21MAR93
..5203A11997*	1	1	0 S FS	0	REC LAB RPT ADDL H2O SAMPS	12JUL93	12JUL93
5203A11995	1	1	0	52	REC LAB REP SOIL	12JUL93	12JUL93
..5203A11992*	80	80	0 P FS	0	LABORATORY ANALYSIS/REPORT SOIL	22MAR93	9JUL93
..5203A11998	5	5	0 S FS	0	VALIDATE LABORATORY REPORT	13JUL93	19JUL93
5203A11996	1	1	0	52	REC LAB RPT H2O SAMPLE1	9JUL93	9JUL93
..5203A11993*	80	80	0 P FS	0	LAB ANALYSIS/REPORT H2O SAMPLE1	19MAR93	8JUL93
..5203A11997	1	1	0 S FS	0	REC LAB RPT ADDL H2O SAMPS	12JUL93	12JUL93
..5203A11998	5	5	0 S FS	0	VALIDATE LABORATORY REPORT	13JUL93	19JUL93
5203A11997	1	1	0	52	REC LAB RPT ADDL H2O SAMPS	12JUL93	12JUL93
..5203A11994*	80	80	0 P FS	0	LAB ANALYSIS/REPORT ADDITIONAL H2O SAMPLES	22MAR93	9JUL93
..5203A11996	1	1	0 P FS	0	REC LAB RPT H2O SAMPLE1	9JUL93	9JUL93
..5203A11998*	5	5	0 S FS	0	VALIDATE LABORATORY REPORT	13JUL93	19JUL93
5203A11998	5	5	0	52	VALIDATE LABORATORY REPORT	13JUL93	19JUL93
..5203A11995	1	1	0 P FS	0	REC LAB REP SOIL	12JUL93	12JUL93
..5203A11996	1	1	0 P FS	0	REC LAB RPT H2O SAMPLE1	9JUL93	9JUL93
..5203A11997*	1	1	0 P FS	0	REC LAB RPT ADDL H2O SAMPS	12JUL93	12JUL93
..5203A11999*	5	5	0 S FS	0	DATA BASE ENTRY	20JUL93	26JUL93
5203A11999	5	5	0	52	DATA BASE ENTRY	20JUL93	26JUL93
..5203A02000	533	375	30 P FF	0	OPERABLE UNIT RELATED FIELD ACTIVITIES	2JAN91A	26JUL93
..5203A02011*	316	316	0 P FF	0	OU5 FIELD WORK - PADDYS RUN SAMPLING	23JUN92	26JUL93
..5203A11549	5	5	0 P FS	0	FIELD DATA ENTRY	13JUL93	19JUL93
..5203A11679	5	5	0 P FS	0	FIELD DATA ENTRY	13JUL93	19JUL93
..5203A11779	5	5	0 P FS	0	FIELD DATA ENTRY	13JUL93	19JUL93
..5203A11998*	5	5	0 P FS	0	VALIDATE LABORATORY REPORT	13JUL93	19JUL93
..5206A25102	10	10	0 S FF	0	OBTAIN VALIDATED ANALYSES FROM FIELD WORK	13JUL93	26JUL93
RCRA WELLS							
5203A12660	1	0	100	52	TASK SPECIFIC WELL DEVELOPMENT TRAINING	29MAR91A	
.5203A02000	533	375	30 S SS	0	OPERABLE UNIT RELATED FIELD ACTIVITIES	2JAN91A	26JUL93
.5203A02012*	238	142	40 S SS	0	OU5 FIELD WORK - 8 RCRA WELLS	29MAR91A	12JUL93
.5203A12662	1	0	100 S FS	0	WELL DEVELOPMENT MOBILIZATION	1APR91A	
5203A12662	1	0	100	52	WELL DEVELOPMENT MOBILIZATION	1APR91A	
.5203A12660	1	0	100 P FS	0	TASK SPECIFIC WELL DEVELOPMENT TRAINING	29MAR91A	
.5203A12664	20	5	75 S FS	0	WELL DEVELOP/SAMPLING 8 RCRA WLS	2APR91A	29DEC92

ACTIVITY ID	ORIG DUR	REM DUR	%	CODE	ACTIVITY DESCRIPTION	LATE START	LATE FINISH
8 RCRA WELLS							
5203A12664	20	5	75	52	WELL DEVELOP/SAMPLING 8 RCRA WLS	2APR91A	29DEC92
..5203A12662	1	0	100 P FS	0	WELL DEVELOPMENT MOBILIZATION	1APR91A	
..5203A12676*	2	2	0 S FS	0	SHIPPING/ARCHIVING	3MAR93	4MAR93
..5203A12678*	2	2	0 S FS	0	DEMOBILIZATION/DECON	2JUL93	5JUL93
..5203A12770*	1	1	0 S FS	42	TASK SPECIFIC TRAINING	26FEB93	26FEB93
5203A12676	2	2	0	52	SHIPPING/ARCHIVING	3MAR93	4MAR93
..5203A12664*	20	5	75 P FS	0	WELL DEVELOP/SAMPLING 8 RCRA WLS	2APR91A	29DEC92
..5203A12677*	10	10	0 S FS	0	FIELD DATA VALIDATION	15JUN93	28JUN93
..5203A12993*	80	80	0 S FS	0	LAB ANALYSIS/REPORT H2O SAMPLE1	5MAR93	24JUN93
5203A12677	10	10	0	52	FIELD DATA VALIDATION	15JUN93	28JUN93
..5203A12676*	2	2	0 P FS	0	SHIPPING/ARCHIVING	3MAR93	4MAR93
..5203A12679*	5	5	0 S FS	0	FIELD DATA ENTRY	29JUN93	5JUL93
5203A12678	2	2	0	52	DEMOBILIZATION/DECON	2JUL93	5JUL93
..5203A12664*	20	5	75 P FS	0	WELL DEVELOP/SAMPLING 8 RCRA WLS	2APR91A	29DEC92
..5203A12679	5	5	0 S FF	0	FIELD DATA ENTRY	29JUN93	5JUL93
5203A12679	5	5	0	52	FIELD DATA ENTRY	29JUN93	5JUL93
..5203A12677*	10	10	0 P FS	0	FIELD DATA VALIDATION	15JUN93	28JUN93
..5203A12678	2	2	0 P FF	0	DEMOBILIZATION/DECON	2JUL93	5JUL93
..5203A12999	5	5	0 S FS	0	DATA BASE ENTRY	6JUL93	12JUL93
5203A12770	1	1	0	52	TASK SPECIFIC TRAINING	26FEB93	26FEB93
..5203A12664*	20	5	75 P FS	42	WELL DEVELOP/SAMPLING 8 RCRA WLS	2APR91A	29DEC92
..5203A12772*	1	1	0 S FS	0	MOBILIZATION	1MAR93	1MAR93
5203A12772	1	1	0	52	MOBILIZATION	1MAR93	1MAR93
..5203A12770*	1	1	0 P FS	0	TASK SPECIFIC TRAINING	26FEB93	26FEB93
..5203A12774*	3	3	0 S FS	0	WATER SAMPLING	2MAR93	4MAR93
5203A12774	3	3	0	52	WATER SAMPLING	2MAR93	4MAR93
..5203A12772*	1	1	0 P FS	0	MOBILIZATION	1MAR93	1MAR93
..5203A12776*	1	1	0 S FS	0	SHIPPING/ARCHIVING	5MAR93	5MAR93
..5203A12778*	1	1	0 S FS	0	DEMOBILZATION/DECON	5JUL93	5JUL93
5203A12776	1	1	0	52	SHIPPING/ARCHIVING	5MAR93	5MAR93
..5203A12774*	3	3	0 P FS	0	WATER SAMPLING	2MAR93	4MAR93
..5203A12777*	1	1	0 S FS	0	FIELD DATA VALIDATION	28JUN93	28JUN93
..5203A12994*	80	80	0 S FS	0	LAB ANALYSIS/REPORT H2O SAMPLE2	8MAR93	25JUN93
5203A12777	1	1	0	52	FIELD DATA VALIDATION	28JUN93	28JUN93
..5203A12776*	1	1	0 P FS	0	SHIPPING/ARCHIVING	5MAR93	5MAR93

ACTIVITY ID	ORIG DUR	REM DUR	%	CODE	ACTIVITY DESCRIPTION	LATE START	LATE FINISH
..5203A12779*	5	5	0	S FS 0	FIELD DATA ENTRY	29JUN93	5JUL93
5203A12778	1	1	0	52	DEMOBILZATION/DECON	5JUL93	5JUL93
..5203A12774*	3	3	0	P FS 0	WATER SAMPLING	2MAR93	4MAR93
..5203A12779	5	5	0	S FF 0	FIELD DATA ENTRY	29JUN93	5JUL93
5203A12779	5	5	0	52	FIELD DATA ENTRY	29JUN93	5JUL93
..5203A12777*	1	1	0	P FS 0	FIELD DATA VALIDATION	28JUN93	28JUN93
..5203A12778	1	1	0	P FF 0	DEMOBILZATION/DECON	5JUL93	5JUL93
..5203A12999	5	5	0	S FS 0	DATA BASE ENTRY	6JUL93	12JUL93
5203A12993	80	80	0	52	LAB ANALYSIS/REPORT H2O SAMPLE1	5MAR93	24JUN93
..5203A12676*	2	2	0	P FS 0	SHIPPING/ARCHIVING	3MAR93	4MAR93
..5203A12996*	1	1	0	S FS 0	REC LAB RPT H2O SAMPLE1	25JUN93	25JUN93
5203A12994	80	80	0	52	LAB ANALYSIS/REPORT H2O SAMPLE2	8MAR93	25JUN93
..5203A12776*	1	1	0	P FS 0	SHIPPING/ARCHIVING	5MAR93	5MAR93
..5203A12997*	1	1	0	S FS 0	REC LAB RPT H2O SAMPLE2	28JUN93	28JUN93
5203A12996	1	1	0	52	REC LAB RPT H2O SAMPLE1	25JUN93	25JUN93
..5203A12993*	80	80	0	P FS 0	LAB ANALYSIS/REPORT H2O SAMPLE1	5MAR93	24JUN93
..5203A12997	1	1	0	S FS 0	REC LAB RPT H2O SAMPLE2	28JUN93	28JUN93
..5203A12998	5	5	0	S FS 0	VALIDATE LABORATORY REPORT	29JUN93	5JUL93
5203A12997	1	1	0	52	REC LAB RPT H2O SAMPLE2	28JUN93	28JUN93
..5203A12994*	80	80	0	P FS 0	LAB ANALYSIS/REPORT H2O SAMPLE2	8MAR93	25JUN93
..5203A12996	1	1	0	P FS 0	REC LAB RPT H2O SAMPLE1	25JUN93	25JUN93
..5203A12998*	5	5	0	S FS 0	VALIDATE LABORATORY REPORT	29JUN93	5JUL93
5203A12998	5	5	0	52	VALIDATE LABORATORY REPORT	29JUN93	5JUL93
..5203A12996	1	1	0	P FS 0	REC LAB RPT H2O SAMPLE1	25JUN93	25JUN93
..5203A12997*	1	1	0	P FS 0	REC LAB RPT H2O SAMPLE2	28JUN93	28JUN93
..5203A12999*	5	5	0	S FS 0	DATA BASE ENTRY	6JUL93	12JUL93
5203A12999	5	5	0	52	DATA BASE ENTRY	6JUL93	12JUL93
..5203A02000	533	375	30	P FF 0	OPERABLE UNIT RELATED FIELD ACTIVITIES	2JAN91A	26JUL93
..5203A02012*	238	142	40	P FF 0	OU5 FIELD WORK - 8 RCRA WELLS	29MAR91A	12JUL93
..5203A12679	5	5	0	P FS 0	FIELD DATA ENTRY	29JUN93	5JUL93
..5203A12779	5	5	0	P FS 0	FIELD DATA ENTRY	29JUN93	5JUL93
..5203A12998*	5	5	0	P FS 0	VALIDATE LABORATORY REPORT	29JUN93	5JUL93
..5206A25102	10	10	0	S FS 0	OBTAIN VALIDATED ANALYSES FROM FIELD WORK	13JUL93	26JUL93
5 WELL PROGRAM							
5203A13770	1	0	100	52	TASK SPECIFIC TRAINING	13JAN91A	13JAN91A
..5203A02000	533	375	30	S SS 0	OPERABLE UNIT RELATED FIELD ACTIVITIES	2JAN91A	26JUL93

ACTIVITY ID	ORIG DUR	REM DUR	%			CODE	ACTIVITY DESCRIPTION	LATE START	LATE FINISH
..5203A02013*	203	52	74	S	SS	0	OU5 FIELD WORK - 6 WELL PROGRAM	13JAN91A	12JUL93
..5203A13772	1	0	100	S	FS	0	MOBILIZATION	14JAN91A	14JAN91A
5203A13772	1	0	100			52	MOBILIZATION	14JAN91A	14JAN91A
..5203A13770	1	0	100	P	FS	0	TASK SPECIFIC TRAINING	13JAN91A	13JAN91A
..5203A13774	2	0	100	S	FS	0	WATER SAMP 6 WL PROG	15JAN91A	16JAN91A
5203A13774	2	0	100			52	WATER SAMP 6 WL PROG	15JAN91A	16JAN91A
..5203A13772	1	0	100	P	FS	0	MOBILIZATION	14JAN91A	14JAN91A
..5203A13776	2	0	100	S	FS	0	SHIPPING/ARCHIVING	16JAN91A	17JAN91A
..5203A13778	1	0	100	S	FS	0	DEMOBILZATION/DECON	17JAN91A	17JAN91A
5203A13776	2	0	100			52	SHIPPING/ARCHIVING	16JAN91A	17JAN91A
..5203A13774	2	0	100	P	FS	0	WATER SAMP 6 WL PROG	15JAN91A	16JAN91A
..5203A13777	1	0	100	S	FS	0	FIELD DATA VALIDATION	18JAN91A	18JAN91A
..5203A13994	120	41	66	S	FS	0	LAB ANALYSIS/REPORT H2O SAMPLE2	18JAN91A	25JUN93
5203A13777	1	0	100			52	FIELD DATA VALIDATION	18JAN91A	18JAN91A
..5203A13776	2	0	100	P	FS	0	SHIPPING/ARCHIVING	16JAN91A	17JAN91A
..5203A13779	10	0	100	S	FS	0	DATA ENTRY	21JAN91A	1FEB91A
5203A13778	1	0	100			52	DEMOBILZATION/DECON	17JAN91A	17JAN91A
..5203A13774	2	0	100	P	FS	0	WATER SAMP 6 WL PROG	15JAN91A	16JAN91A
5203A13779	10	0	100			52	DATA ENTRY	21JAN91A	1FEB91A
..5203A13777	1	0	100	P	FS	0	FIELD DATA VALIDATION	18JAN91A	18JAN91A
5203A13994	120	41	66			52	LAB ANALYSIS/REPORT H2O SAMPLE2	18JAN91A	25JUN93
..5203A13776	2	0	100	P	FS	0	SHIPPING/ARCHIVING	16JAN91A	17JAN91A
..5203A13997*	1	1	0	S	FS	0	REC LAB RPT H2O SAMPLE2	28JUN93	28JUN93
5203A13997	1	1	0			52	REC LAB RPT H2O SAMPLE2	28JUN93	28JUN93
..5203A13994*	120	41	66	P	FS	0	LAB ANALYSIS/REPORT H2O SAMPLE2	18JAN91A	25JUN93
..5203A13998*	5	5	0	S	FS	0	VALIDATE LABORATORY REPORT	29JUN93	5JUL93
5203A13998	5	5	0			52	VALIDATE LABORATORY REPORT	29JUN93	5JUL93
..5203A13997*	1	1	0	P	FS	0	REC LAB RPT H2O SAMPLE2	28JUN93	28JUN93
..5203A13999*	5	5	0	S	FS	0	DATA BASE ENTRY	6JUL93	12JUL93
5203A13999	5	5	0			52	DATA BASE ENTRY	6JUL93	12JUL93
..5203A02000	533	375	30	P	FF	0	OPERABLE UNIT RELATED FIELD ACTIVITIES	2JAN91A	26JUL93
..5203A02013*	203	52	74	P	FF	0	OU5 FIELD WORK - 6 WELL PROGRAM	13JAN91A	12JUL93
..5203A13998*	5	5	0	P	FS	0	VALIDATE LABORATORY REPORT	29JUN93	5JUL93
..5206A25102	10	10	0	S	FS	0	OBTAIN VALIDATED ANALYSES FROM FIELD WORK	13JUL93	26JUL93

ACTIVITY ID	ORIG DUR	REM DUR	%		CODE	ACTIVITY DESCRIPTION	LATE START	LATE FINISH
WATER LEVEL MEASUREMENTS								
5203A14770	1	1	0		52	TASK SPECIFIC TRAINING	21MAY92	21MAY92
..5203A02000	533	375	30	S SS	0	OPERABLE UNIT RELATED FIELD ACTIVITIES	2JAN91A	26JUL93
..5203A02014*	334	334	0	S SS	0	OU5 FIELD WORK - WATER LEVEL MEASUREMENTS	21MAY92	12JUL93
..5203A14772*	1	1	0	S FS	0	MOBILIZATION	22MAY92	22MAY92
5203A14772	1	1	0		52	MOBILIZATION	22MAY92	22MAY92
..5203A14770*	1	1	0	P FS	0	TASK SPECIFIC TRAINING	21MAY92	21MAY92
..5203A14774*	380	380	0	S FS	0	WATER LEVEL MEASUREMENTS	24MAY92	7JUN93
5203A14774	380	380	0		52	WATER LEVEL MEASUREMENTS	24MAY92	7JUN93
..5203A14772*	1	1	0	P FS	0	MOBILIZATION	22MAY92	22MAY92
..5203A14777*	15	15	0	S FS	0	FIELD DATA VALIDATION	8JUN93	28JUN93
5203A14777	15	15	0		52	FIELD DATA VALIDATION	8JUN93	28JUN93
..5203A14774*	380	380	0	P FS	0	WATER LEVEL MEASUREMENTS	24MAY92	7JUN93
..5203A14779*	10	10	0	S FS	0	FIELD DATA ENTRY	29JUN93	12JUL93
5203A14779	10	10	0		52	FIELD DATA ENTRY	29JUN93	12JUL93
..5203A02000	533	375	30	P FF	0	OPERABLE UNIT RELATED FIELD ACTIVITIES	2JAN91A	26JUL93
..5203A02014*	334	334	0	P FF	0	OU5 FIELD WORK - WATER LEVEL MEASUREMENTS	21MAY92	12JUL93
..5203A14777*	15	15	0	P FS	0	FIELD DATA VALIDATION	8JUN93	28JUN93
..5206A25102	10	10	0	S FS	0	OBTAIN VALIDATED ANALYSES FROM FIELD WORK	13JUL93	26JUL93
OPERABLE UNIT 5 SAMPLING (AUGER)								
5203A17110	30	30	0		52	DRAFT OU5 SAMPLING WORK PLAN	6FEB92	18MAR92
..5203A02000	533	375	30	S SS	0	OPERABLE UNIT RELATED FIELD ACTIVITIES	2JAN91A	26JUL93
..5203A02017*	375	375	0	S SS	0	OU5 FIELD WORK - AUGER SAMPLING	6FEB92	12JUL93
..5203A17112*	21	21	0	S FS	0	DOE/WMCO REVIEW WORK PLAN	19MAR92	16APR92
..5203A17210*	15	15	0	S SS	5	DRAFT OU5 SAMPLING H&S PLAN	1JUL92	21JUL92
5203A17112	21	21	0		52	DOE/WMCO REVIEW WORK PLAN	19MAR92	16APR92
..5203A17110*	30	30	0	P FS	0	DRAFT OU5 SAMPLING WORK PLAN	6FEB92	18MAR92
..5203A17114*	21	21	0	S FS	0	REVISE WORK PLAN	17APR92	15MAY92
5203A17114	21	21	0		52	REVISE WORK PLAN	17APR92	15MAY92
..5203A17112*	21	21	0	P FS	0	DOE/WMCO REVIEW WORK PLAN	19MAR92	16APR92
..5203A17115*	5	5	0	S FS	0	DOE/FMPC APPROVAL OF WORK PLAN	18MAY92	22MAY92
5203A17115	5	5	0		52	DOE/FMPC APPROVAL OF WORK PLAN	18MAY92	22MAY92
..5203A17114*	21	21	0	P FS	0	REVISE WORK PLAN	17APR92	15MAY92
..5203A17116*	21	21	0	S FS	0	EPA REVIEW OF WORK PLAN	25MAY92	22JUN92
5203A17116	21	21	0		52	EPA REVIEW OF WORK PLAN	25MAY92	22JUN92
..5203A17115*	5	5	0	P FS	0	DOE/FMPC APPROVAL OF WORK PLAN	18MAY92	22MAY92

ACTIVITY ID	ORIG DUR	REM DUR	%		CODE	ACTIVITY DESCRIPTION	LATE START	LATE FINISH
..5203A17117*	21	21	0	S FS	0	PREPARE FINAL WORK PLAN	23JUN92	21JUL92
5203A17117	21	21	0		52	PREPARE FINAL WORK PLAN	23JUN92	21JUL92
..5203A17116*	21	21	0	P FS	0	EPA REVIEW OF WORK PLAN	25MAY92	22JUN92
..5203A17118*	21	21	0	S FS	0	EPA APPROVAL OU5 SAMPLING WORK PLAN	22JUL92	19AUG92
5203A17118	21	21	0		52	EPA APPROVAL OU5 SAMPLING WORK PLAN	22JUL92	19AUG92
..5203A17117*	21	21	0	P FS	0	PREPARE FINAL WORK PLAN	23JUN92	21JUL92
..5203A17330*	3	3	0	S FS	0	PENETRATION PERMIT (OU5 SAMPLING)	20AUG92	24AUG92
5203A17210	15	15	0		52	DRAFT OU5 SAMPLING H&S PLAN	1JUL92	21JUL92
..5203A17110*	30	30	0	P SS	5	DRAFT OU5 SAMPLING WORK PLAN	6FEB92	18MAR92
..5203A17212*	10	10	0	S FS	0	DOE/WMCO REVIEW H&S PLAN	22JUL92	4AUG92
5203A17212	10	10	0		52	DOE/WMCO REVIEW H&S PLAN	22JUL92	4AUG92
..5203A17210*	15	15	0	P FS	0	DRAFT OU5 SAMPLING H&S PLAN	1JUL92	21JUL92
..5203A17214*	10	10	0	S FS	0	PREPARE FINAL H&S PLAN	5AUG92	18AUG92
5203A17214	10	10	0		52	PREPARE FINAL H&S PLAN	5AUG92	18AUG92
..5203A17212*	10	10	0	P FS	0	DOE/WMCO REVIEW H&S PLAN	22JUL92	4AUG92
..5203A17215*	1	1	0	S FS	0	DOE/WMCO APPROVAL H&S WORK PLAN	19AUG92	19AUG92
5203A17215	1	1	0		52	DOE/WMCO APPROVAL H&S WORK PLAN	19AUG92	19AUG92
..5203A17214*	10	10	0	P FS	0	PREPARE FINAL H&S PLAN	5AUG92	18AUG92
..5203A17330	3	3	0	S FS	0	PENETRATION PERMIT (OU5 SAMPLING)	20AUG92	24AUG92
5203A17330	3	3	0		52	PENETRATION PERMIT (OU5 SAMPLING)	20AUG92	24AUG92
..5203A17118*	21	21	0	P FS	0	EPA APPROVAL OU5 SAMPLING WORK PLAN	22JUL92	19AUG92
..5203A17215	1	1	0	P FS	0	DOE/WMCO APPROVAL H&S WORK PLAN	19AUG92	19AUG92
..5203A17332*	5	5	0	S SS	1	ERA PERMIT APPROVAL OU5 SAMPLING	21AUG92	27AUG92
5203A17332	5	5	0		52	ERA PERMIT APPROVAL OU5 SAMPLING	21AUG92	27AUG92
..5203A17330*	3	3	0	P SS	1	PENETRATION PERMIT (OU5 SAMPLING)	20AUG92	24AUG92
..5203A17338*	1	1	0	S FS	0	RADIATION WORK PERMIT (OU5 SAMPLING)	28AUG92	28AUG92
5203A17338	1	1	0		52	RADIATION WORK PERMIT (OU5 SAMPLING)	28AUG92	28AUG92
..5203A17332*	5	5	0	P FS	0	ERA PERMIT APPROVAL OU5 SAMPLING	21AUG92	27AUG92
..5203A17540*	1	1	0	S SS	0	OU5 SAMPLING SPECIFIC TRAINING	28AUG92	28AUG92
5203A17540	1	1	0		52	OU5 SAMPLING SPECIFIC TRAINING	28AUG92	28AUG92
..5203A17338*	1	1	0	P SS	0	RADIATION WORK PERMIT (OU5 SAMPLING)	28AUG92	28AUG92
..5203A17542*	10	10	0	S FS	0	MOBILIZATION	29AUG92	7SEP92
5203A17542	10	10	0		52	MOBILIZATION	29AUG92	7SEP92
..5203A17540*	1	1	0	P FS	0	OU5 SAMPLING SPECIFIC TRAINING	28AUG92	28AUG92

ACTIVITY ID	ORIG DUR	REM DUR	%			CODE	ACTIVITY DESCRIPTION	LATE START	LATE FINISH
..5203A17544*	102	102	0	S	FS	0	68 BORINGS (PIEZOMETERS)	8SEP92	18DEC92
5203A17544	102	102	0			52	68 BORINGS (PIEZOMETERS)	8SEP92	18DEC92
..5203A17542*	10	10	0	P	FS	0	MOBILIZATION	29AUG92	7SEP92
..5203A17546*	2	2	0	S	FS	0	SHIPPING/ARCHIVING	6MAR93	7MAR93
..5203A17548*	5	5	0	S	FS	0	DEMOBILIZATION	1JUL93	5JUL93
..5203A17660*	1	1	0	S	SS	10	TASK SPECIFIC WELL DEVELOPMENT TRAINING	26NOV92	26NOV92
..5203A17664*	21	21	0	S	FF	10	WELL DEVELOPMENT/SAMPLING (51 PIEZOMETERS)	30NOV92	28DEC92
5203A17546	2	2	0			52	SHIPPING/ARCHIVING	6MAR93	7MAR93
..5203A17544*	102	102	0	P	FS	0	68 BORINGS (PIEZOMETERS)	8SEP92	18DEC92
..5203A17547*	5	5	0	S	FS	0	FIELD DATA VALIDATION	22JUN93	28JUN93
..5203A17992*	80	80	0	S	FS	0	LABORATORY ANALYSIS/REPORT SOIL	8MAR93	25JUN93
5203A17547	5	5	0			52	FIELD DATA VALIDATION	22JUN93	28JUN93
..5203A17546*	2	2	0	P	FS	0	SHIPPING/ARCHIVING	6MAR93	7MAR93
..5203A17549*	5	5	0	S	FS	0	FIELD DATA ENTRY	29JUN93	5JUL93
5203A17548	5	5	0			52	DEMOBILIZATION	1JUL93	5JUL93
..5203A17544*	102	102	0	P	FS	0	68 BORINGS (PIEZOMETERS)	8SEP92	18DEC92
..5203A17549	5	5	0	S	FF	0	FIELD DATA ENTRY	29JUN93	5JUL93
5203A17549	5	5	0			52	FIELD DATA ENTRY	29JUN93	5JUL93
..5203A17547*	5	5	0	P	FS	0	FIELD DATA VALIDATION	22JUN93	28JUN93
..5203A17548	5	5	0	P	FF	0	DEMOBILIZATION	1JUL93	5JUL93
..5203A17999	5	5	0	S	FS	0	DATA BASE ENTRY	6JUL93	12JUL93
5203A17660	1	1	0			52	TASK SPECIFIC WELL DEVELOPMENT TRAINING	26NOV92	26NOV92
..5203A17544*	102	102	0	P	SS	10	68 BORINGS (PIEZOMETERS)	8SEP92	18DEC92
..5203A17662*	1	1	0	S	FS	0	WELL DEVELOPMENT MOBILIZATION	27NOV92	27NOV92
5203A17662	1	1	0			52	WELL DEVELOPMENT MOBILIZATION	27NOV92	27NOV92
..5203A17660*	1	1	0	P	FS	0	TASK SPECIFIC WELL DEVELOPMENT TRAINING	26NOV92	26NOV92
..5203A17664	21	21	0	S	FS	0	WELL DEVELOPMENT/SAMPLING (51 PIEZOMETERS)	30NOV92	28DEC92
5203A17664	21	21	0			52	WELL DEVELOPMENT/SAMPLING (51 PIEZOMETERS)	30NOV92	28DEC92
..5203A17544*	102	102	0	P	FF	10	68 BORINGS (PIEZOMETERS)	8SEP92	18DEC92
..5203A17662	1	1	0	P	FS	0	WELL DEVELOPMENT MOBILIZATION	27NOV92	27NOV92
..5203A17676*	2	2	0	S	FS	0	SHIPPING/ARCHIVING	3MAR93	4MAR93
..5203A17678*	2	2	0	S	FS	0	DEMOBILIZATION/DECON	2JUL93	5JUL93
..5203A17770*	1	1	0	S	FS	42	TASK SPECIFIC TRAINING	25FEB93	25FEB93
5203A17676	2	2	0			52	SHIPPING/ARCHIVING	3MAR93	4MAR93
..5203A17664*	21	21	0	P	FS	0	WELL DEVELOPMENT/SAMPLING (51 PIEZOMETERS)	30NOV92	28DEC92
..5203A17677*	3	3	0	S	FS	0	FIELD DATA VALIDATION	24JUN93	28JUN93

RI/FS PROJECT SCHEDULES | PRIMAVERA PROJECT PLANNER | FERNALD ENVIRONMENTAL MGMT. PROJECT

REPORT DATE 12SEP91 14:50 RUN NO. 476 | Prepared by ASI/IT Corp. | START DATE 31OCT90 FIN DATE 4MAY01

SCHED REP - DETAILED PRECEDENCE ANALYSIS OU 5 | DATA DATE 10AUG91 PAGE NO. 17

ACTIVITY ID	ORIG DUR	REM DUR	%		CODE	ACTIVITY DESCRIPTION	LATE START	LATE FINISH
..5203A17993*	80	80	0	S FS	0	LAB ANALYSIS/REPORT H2O SAMPLE1	5MAR93	24JUN93
5203A17677	3	3	0		52	FIELD DATA VALIDATION	24JUN93	28JUN93
..5203A17676*	2	2	0	P FS	0	SHIPPING/ARCHIVING	3MAR93	4MAR93
..5203A17679*	5	5	0	S FS	0	FIELD DATA ENTRY	29JUN93	5JUL93
5203A17678	2	2	0		52	DEMOBILIZATION/DECON	2JUL93	5JUL93
..5203A17664*	21	21	0	P FS	0	WELL DEVELOPMENT/SAMPLING (51 PIEZOMETERS)	30NOV92	28DEC92
..5203A17679	5	5	0	S FF	0	FIELD DATA ENTRY	29JUN93	5JUL93
5203A17679	5	5	0		52	FIELD DATA ENTRY	29JUN93	5JUL93
..5203A17677*	3	3	0	P FS	0	FIELD DATA VALIDATION	24JUN93	28JUN93
..5203A17678	2	2	0	P FF	0	DEMOBILIZATION/DECON	2JUL93	5JUL93
..5203A17999	5	5	0	S FS	0	DATA BASE ENTRY	6JUL93	12JUL93
5203A17770	1	1	0		52	TASK SPECIFIC TRAINING	25FEB93	25FEB93
..5203A17664*	21	21	0	P FS	42	WELL DEVELOPMENT/SAMPLING (51 PIEZOMETERS)	30NOV92	28DEC92
..5203A17772*	1	1	0	S FS	0	MOBILIZATION	26FEB93	26FEB93
5203A17772	1	1	0		52	MOBILIZATION	26FEB93	26FEB93
..5203A17770*	1	1	0	P FS	0	TASK SPECIFIC TRAINING	25FEB93	25FEB93
..5203A17774*	5	5	0	S FS	0	WATER SAMPLING (51 PIEZOMETERS)	27FEB93	3MAR93
5203A17774	5	5	0		52	WATER SAMPLING (51 PIEZOMETERS)	27FEB93	3MAR93
..5203A17772*	1	1	0	P FS	0	MOBILIZATION	26FEB93	26FEB93
..5203A17776*	2	2	0	S FS	0	SHIPPING/ARCHIVING	4MAR93	5MAR93
..5203A17778*	1	1	0	S FS	0	DEMOBILIZATION/DECON	5JUL93	5JUL93
5203A17776	2	2	0		52	SHIPPING/ARCHIVING	4MAR93	5MAR93
..5203A17774*	5	5	0	P FS	0	WATER SAMPLING (51 PIEZOMETERS)	27FEB93	3MAR93
..5203A17777*	1	1	0	S FS	0	FIELD DATA VALIDATION	30JUN93	30JUN93
..5203A17994*	80	80	0	S FS	0	LAB ANALYSIS/REPORT H2O SAMPLE2	8MAR93	25JUN93
5203A17777	1	1	0		52	FIELD DATA VALIDATION	30JUN93	30JUN93
..5203A17776*	2	2	0	P FS	0	SHIPPING/ARCHIVING	4MAR93	5MAR93
..5203A17779*	3	3	0	S FS	0	FIELD DATA ENTRY	1JUL93	5JUL93
5203A17778	1	1	0		52	DEMOBILIZATION/DECON	5JUL93	5JUL93
..5203A17774*	5	5	0	P FS	0	WATER SAMPLING (51 PIEZOMETERS)	27FEB93	3MAR93
..5203A17779	3	3	0	S FF	0	FIELD DATA ENTRY	1JUL93	5JUL93
5203A17779	3	3	0		52	FIELD DATA ENTRY	1JUL93	5JUL93
..5203A17777*	1	1	0	P FS	0	FIELD DATA VALIDATION	30JUN93	30JUN93
..5203A17778	1	1	0	P FF	0	DEMOBILIZATION/DECON	5JUL93	5JUL93
..5203A17999	5	5	0	S FS	0	DATA BASE ENTRY	6JUL93	12JUL93

ACTIVITY ID	ORIG DUR	REM DUR	%	CODE	ACTIVITY DESCRIPTION	LATE START	LATE FINISH
OPERABLE UNIT 5 SAMPLING (AUGER)							
5203A17992	80	80	0	52	LABORATORY ANALYSIS/REPORT SOIL	8MAR93	25JUN93
..5203A17546*	2	2	0 P FS	0	SHIPPING/ARCHIVING	6MAR93	7MAR93
..5203A17995*	1	1	0 S FS	0	REC LAB REP SOIL	28JUN93	28JUN93
5203A17993	80	80	0	52	LAB ANALYSIS/REPORT H2O SAMPLE1	5MAR93	24JUN93
..5203A17676*	2	2	0 P FS	0	SHIPPING/ARCHIVING	3MAR93	4MAR93
..5203A17996*	1	1	0 S FS	0	REC LAB RPT H2O SAMPLE1	25JUN93	25JUN93
5203A17994	80	80	0	52	LAB ANALYSIS/REPORT H2O SAMPLE2	8MAR93	25JUN93
..5203A17776*	2	2	0 P FS	0	SHIPPING/ARCHIVING	4MAR93	5MAR93
..5203A17997*	1	1	0 S FS	0	REC LAB RPT H2O SAMPLE2	28JUN93	28JUN93
5203A17995	1	1	0	52	REC LAB REP SOIL	28JUN93	28JUN93
..5203A17992*	80	80	0 P FS	0	LABORATORY ANALYSIS/REPORT SOIL	8MAR93	25JUN93
..5203A17998	5	5	0 S FS	0	VALIDATE LABORATORY REPORT	29JUN93	5JUL93
5203A17996	1	1	0	52	REC LAB RPT H2O SAMPLE1	25JUN93	25JUN93
..5203A17993*	80	80	0 P FS	0	LAB ANALYSIS/REPORT H2O SAMPLE1	5MAR93	24JUN93
..5203A17997	1	1	0 S FS	0	REC LAB RPT H2O SAMPLE2	28JUN93	28JUN93
..5203A17998	5	5	0 S FS	0	VALIDATE LABORATORY REPORT	29JUN93	5JUL93
5203A17997	1	1	0	52	REC LAB RPT H2O SAMPLE2	28JUN93	28JUN93
..5203A17994*	80	80	0 P FS	0	LAB ANALYSIS/REPORT H2O SAMPLE2	8MAR93	25JUN93
..5203A17996	1	1	0 P FS	0	REC LAB RPT H2O SAMPLE1	25JUN93	25JUN93
..5203A17998*	5	5	0 S FS	0	VALIDATE LABORATORY REPORT	29JUN93	5JUL93
5203A17998	5	5	0	52	VALIDATE LABORATORY REPORT	29JUN93	5JUL93
..5203A17995	1	1	0 P FS	0	REC LAB REP SOIL	28JUN93	28JUN93
..5203A17996	1	1	0 P FS	0	REC LAB RPT H2O SAMPLE1	25JUN93	25JUN93
..5203A17997*	1	1	0 P FS	0	REC LAB RPT H2O SAMPLE2	28JUN93	28JUN93
..5203A17999*	5	5	0 S FS	0	DATA BASE ENTRY	6JUL93	12JUL93
5203A17999	5	5	0	52	DATA BASE ENTRY	6JUL93	12JUL93
..5203A02000*	533	375	30 P FF	0	OPERABLE UNIT RELATED FIELD ACTIVITIES	2JAN91A	26JUL93
..5203A02017*	375	375	0 P FF	0	OU5 FIELD WORK - AUGER SAMPLING	6FEB92	12JUL93
.5203A17549	5	5	0 P FS	0	FIELD DATA ENTRY	29JUN93	5JUL93
.5203A17679	5	5	0 P FS	0	FIELD DATA ENTRY	29JUN93	5JUL93
.5203A17779	3	3	0 P FS	0	FIELD DATA ENTRY	1JUL93	5JUL93
.5203A17998*	5	5	0 P FS	0	VALIDATE LABORATORY REPORT	29JUN93	5JUL93
.5206A25102*	10	10	0 S FS	0	OBTAIN VALIDATED ANALYSES FROM FIELD WORK	13JUL93	26JUL93
PERABLE UNIT 5 SAMPLING (CABLE)							
5203A18001	20	20	0	52	AUTHORIZATION TO PROCEED	31AUG92	25SEP92
.5203A18118*	1	1	0 P FS	5	EPA APPROVAL WORK PLAN	21AUG92	21AUG92

ACTIVITY ID	ORIG DUR	REM DUR	%			CODE	ACTIVITY DESCRIPTION	LATE START	LATE FINISH
..5203A18215	1	1	0	P	FS	0	DOE/WMCO APPROVAL H&S WORK PLAN	28AUG92	28AUG92
..5203A02018*	226	226	0	S	SS	0	OU5 FIELD WORK - CABLE SAMPLING	31AUG92	12JUL93
..5203A18542*	1	1	0	S	FS	0	MOBILIZATION	26SEP92	26SEP92
..5203A18544	84	84	0	S	FS	0	WELL INSTALLATION (12 - 2K SERIES WELLS)	27SEP92	19DEC92
5203A18110	30	30	0			52	DRAFT OU5 SAMPLING WORK PLAN	14APR92	25MAY92
..5203A02000	533	375	30	S	SS	0	OPERABLE UNIT RELATED FIELD ACTIVITIES	2JAN91A	26JUL93
..5203A18112*	10	10	0	S	FS	0	DOE/WMCO REVIEW WORK PLAN	26MAY92	8JUN92
..5203A18210*	15	15	0	S	SS	5	DRAFT OU5 SAMPLING H&S PLAN	25JUN92	15JUL92
5203A18112	10	10	0			52	DOE/WMCO REVIEW WORK PLAN	26MAY92	8JUN92
..5203A18110*	30	30	0	P	FS	0	DRAFT OU5 SAMPLING WORK PLAN	14APR92	25MAY92
..5203A18114*	10	10	0	S	FS	0	REVISE WORK PLAN	9JUN92	22JUN92
5203A18114	10	10	0			52	REVISE WORK PLAN	9JUN92	22JUN92
..5203A18112*	10	10	0	P	FS	0	DOE/WMCO REVIEW WORK PLAN	26MAY92	8JUN92
..5203A18115*	1	1	0	S	FS	0	DOE/FMPC APPROVAL WORK PLAN	23JUN92	23JUN92
5203A18115	1	1	0			52	DOE/FMPC APPROVAL WORK PLAN	23JUN92	23JUN92
..5203A18114*	10	10	0	P	FS	0	REVISE WORK PLAN	9JUN92	22JUN92
..5203A18116*	21	21	0	S	FS	0	EPA REVIEW WORK PLAN	24JUN92	22JUL92
5203A18116	21	21	0			52	EPA REVIEW WORK PLAN	24JUN92	22JUL92
..5203A18115*	1	1	0	P	FS	0	DOE/FMPC APPROVAL WORK PLAN	23JUN92	23JUN92
..5203A18117*	21	21	0	S	FS	0	PREPARE FINAL WORK PLAN	23JUL92	20AUG92
5203A18117	21	21	0			52	PREPARE FINAL WORK PLAN	23JUL92	20AUG92
..5203A18116*	21	21	0	P	FS	0	EPA REVIEW WORK PLAN	24JUN92	22JUL92
..5203A18118*	1	1	0	S	FS	0	EPA APPROVAL WORK PLAN	21AUG92	21AUG92
5203A18118	1	1	0			52	EPA APPROVAL WORK PLAN	21AUG92	21AUG92
..5203A18117*	21	21	0	P	FS	0	PREPARE FINAL WORK PLAN	23JUL92	20AUG92
..5203A18001*	20	20	0	S	FS	5	AUTHORIZATION TO PROCEED	31AUG92	25SEP92
..5203A18330*	3	3	0	S	FS	0	PENETRATION PERMIT	17SEP92	21SEP92
5203A18210	15	15	0			52	DRAFT OU5 SAMPLING H&S PLAN	25JUN92	15JUL92
..5203A18110*	30	30	0	P	SS	5	DRAFT OU5 SAMPLING WORK PLAN	14APR92	25MAY92
..5203A18212*	21	21	0	S	FS	0	DOE/WMCO REVIEW H&S PLAN	16JUL92	13AUG92
5203A18212	21	21	0			52	DOE/WMCO REVIEW H&S PLAN	16JUL92	13AUG92
..5203A18210*	15	15	0	P	FS	0	DRAFT OU5 SAMPLING H&S PLAN	25JUN92	15JUL92
..5203A18214*	10	10	0	S	FS	0	PREPARE FINAL H&S PLAN	14AUG92	27AUG92
5203A18214	10	10	0			52	PREPARE FINAL H&S PLAN	14AUG92	27AUG92
..5203A18212*	21	21	0	P	FS	0	DOE/WMCO REVIEW H&S PLAN	16JUL92	13AUG92

ACTIVITY ID	ORIG DUR	REM DUR	%			CODE	ACTIVITY DESCRIPTION	LATE START	LATE FINISH
..5203A18215*	1	1	0	S	FS	0	DOE/WMCO APPROVAL H&S WORK PLAN	28AUG92	28AUG92
5203A18215	1	1	0			52	DOE/WMCO APPROVAL H&S WORK PLAN	28AUG92	28AUG92
..5203A18214*	10	10	0	P	FS	0	PREPARE FINAL H&S PLAN	14AUG92	27AUG92
..5203A18001	20	20	0	S	FS	0	AUTHORIZATION TO PROCEED	31AUG92	25SEP92
..5203A18330	3	3	0	S	FS	0	PENETRATION PERMIT	17SEP92	21SEP92
5203A18330	3	3	0			52	PENETRATION PERMIT	17SEP92	21SEP92
..5203A18118*	1	1	0	P	FS	0	EPA APPROVAL WORK PLAN	21AUG92	21AUG92
..5203A18215	1	1	0	P	FS	0	DOE/WMCO APPROVAL H&S WORK PLAN	28AUG92	28AUG92
..5203A18332*	5	5	0	S	SS	1	ERA PERMIT APPROVAL	18SEP92	24SEP92
5203A18332	5	5	0			52	ERA PERMIT APPROVAL	18SEP92	24SEP92
..5203A18330*	3	3	0	P	SS	1	PENETRATION PERMIT	17SEP92	21SEP92
..5203A18338*	1	1	0	S	FS	0	RADIATION WORK PERMIT	25SEP92	25SEP92
5203A18338	1	1	0			52	RADIATION WORK PERMIT	25SEP92	25SEP92
..5203A18332*	5	5	0	P	FS	0	ERA PERMIT APPROVAL	18SEP92	24SEP92
..5203A18540*	1	1	0	S	SS	0	OU5 SAMPLING SPECIFIC TRAINING	25SEP92	25SEP92
5203A18540	1	1	0			52	OU5 SAMPLING SPECIFIC TRAINING	25SEP92	25SEP92
..5203A18338*	1	1	0	P	SS	0	RADIATION WORK PERMIT	25SEP92	25SEP92
..5203A18542	1	1	0	S	FS	0	MOBILIZATION	26SEP92	26SEP92
5203A18542	1	1	0			52	MOBILIZATION	26SEP92	26SEP92
..5203A18001*	20	20	0	P	FS	0	AUTHORIZATION TO PROCEED	31AUG92	25SEP92
..5203A18540	1	1	0	P	FS	0	OU5 SAMPLING SPECIFIC TRAINING	25SEP92	25SEP92
..5203A18544*	84	84	0	S	FS	0	WELL INSTALLATION (12 - 2K SERIES WELLS)	27SEP92	19DEC92
5203A18544	84	84	0			52	WELL INSTALLATION (12 - 2K SERIES WELLS)	27SEP92	19DEC92
..5203A18001	20	20	0	P	FS	0	AUTHORIZATION TO PROCEED	31AUG92	25SEP92
..5203A18542*	1	1	0	P	FS	0	MOBILIZATION	26SEP92	26SEP92
..5203A18546*	2	2	0	S	FS	0	SHIPPING/ARCHIVING	6MAR93	7MAR93
..5203A18548*	5	5	0	S	FS	0	DEMOBILIZATION	1JUL93	5JUL93
..5203A18660*	1	1	0	S	SS	10	TASK SPECIFIC WELL DEVELOPMENT TRAINING	21OCT92	21OCT92
..5203A18664*	48	48	0	S	FF	10	WELL DEVELOPMENT/SAMPLING (12 2K SERIES)	23OCT92	29DEC92
5203A18546	2	2	0			52	SHIPPING/ARCHIVING	6MAR93	7MAR93
.5203A18544*	84	84	0	P	FS	0	WELL INSTALLATION (12 - 2K SERIES WELLS)	27SEP92	19DEC92
.5203A18547*	5	5	0	S	FS	0	FIELD DATA VALIDATION	22JUN93	28JUN93
.5203A18992*	80	80	0	S	FS	0	LABORATORY ANALYSIS/REPORT SOIL	8MAR93	25JUN93
5203A18547	5	5	0			52	FIELD DATA VALIDATION	22JUN93	28JUN93
.5203A18546*	2	2	0	P	FS	0	SHIPPING/ARCHIVING	6MAR93	7MAR93
.5203A18549*	5	5	0	S	FS	0	FIELD DATA ENTRY	29JUN93	5JUL93

ACTIVITY ID	ORIG DUR	REM DUR	%	CODE	ACTIVITY DESCRIPTION	LATE START	LATE FINISH
OPERABLE UNIT 5 SAMPLING (CABLE)							
5203A18548	5	5	0	52	DEMOBILIZATION	1JUL93	5JUL93
..5203A18544*	84	84	0 P FS	0	WELL INSTALLATION (12 - 2K SERIES WELLS)	27SEP92	19DEC92
..5203A18549	5	5	0 S FF	0	FIELD DATA ENTRY	29JUN93	5JUL93
5203A18549	5	5	0	52	FIELD DATA ENTRY	29JUN93	5JUL93
..5203A18547*	5	5	0 P FS	0	FIELD DATA VALIDATION	22JUN93	28JUN93
..5203A18548	5	5	0 P FF	0	DEMOBILIZATION	1JUL93	5JUL93
..5203A18999	5	5	0 S FS	0	DATA BASE ENTRY	6JUL93	12JUL93
5203A18660	1	1	0	52	TASK SPECIFIC WELL DEVELOPMENT TRAINING	21OCT92	21OCT92
..5203A18544*	84	84	0 P SS	10	WELL INSTALLATION (12 - 2K SERIES WELLS)	27SEP92	19DEC92
..5203A18662*	1	1	0 S FS	0	WELL DEVELOPMENT MOBILIZATION	22OCT92	22OCT92
5203A18662	1	1	0	52	WELL DEVELOPMENT MOBILIZATION	22OCT92	22OCT92
..5203A18660*	1	1	0 P FS	0	TASK SPECIFIC WELL DEVELOPMENT TRAINING	21OCT92	21OCT92
..5203A18664	48	48	0 S FS	0	WELL DEVELOPMENT/SAMPLING (12 2K SERIES)	23OCT92	29DEC92
5203A18664	48	48	0	52	WELL DEVELOPMENT/SAMPLING (12 2K SERIES)	23OCT92	29DEC92
..5203A18544*	84	84	0 P FF	10	WELL INSTALLATION (12 - 2K SERIES WELLS)	27SEP92	19DEC92
..5203A18662	1	1	0 P FS	0	WELL DEVELOPMENT MOBILIZATION	22OCT92	22OCT92
..5203A18676*	2	2	0 S FS	0	SHIPPING/ARCHIVING	3MAR93	4MAR93
..5203A18678*	2	2	0 S FS	0	DEMOBILIZATION/DECON	2JUL93	5JUL93
..5203A18770*	1	1	0 S FS	42	TASK SPECIFIC TRAINING	26FEB93	26FEB93
5203A18676	2	2	0	52	SHIPPING/ARCHIVING	3MAR93	4MAR93
..5203A18664*	48	48	0 P FS	0	WELL DEVELOPMENT/SAMPLING (12 2K SERIES)	23OCT92	29DEC92
..5203A18677*	1	1	0 S FS	0	FIELD DATA VALIDATION	28JUN93	28JUN93
..5203A18993*	80	80	0 S FS	0	LAB ANALYSIS/REPORT H2O SAMPLE1	5MAR93	24JUN93
5203A18677	1	1	0	52	FIELD DATA VALIDATION	28JUN93	28JUN93
..5203A18676*	2	2	0 P FS	0	SHIPPING/ARCHIVING	3MAR93	4MAR93
..5203A18679*	5	5	0 S FS	0	FIELD DATA ENTRY	29JUN93	5JUL93
5203A18678	2	2	0	52	DEMOBILIZATION/DECON	2JUL93	5JUL93
..5203A18664*	48	48	0 P FS	0	WELL DEVELOPMENT/SAMPLING (12 2K SERIES)	23OCT92	29DEC92
..5203A18679	5	5	0 S FF	0	FIELD DATA ENTRY	29JUN93	5JUL93
5203A18679	5	5	0	52	FIELD DATA ENTRY	29JUN93	5JUL93
..5203A18677*	1	1	0 P FS	0	FIELD DATA VALIDATION	28JUN93	28JUN93
..5203A18678	2	2	0 P FF	0	DEMOBILIZATION/DECON	2JUL93	5JUL93
..5203A18999	5	5	0 S FS	0	DATA BASE ENTRY	6JUL93	12JUL93
5203A18770	1	1	0	52	TASK SPECIFIC TRAINING	26FEB93	26FEB93
..5203A18664*	48	48	0 P FS	42	WELL DEVELOPMENT/SAMPLING (12 2K SERIES)	23OCT92	29DEC92

ACTIVITY ID	ORIG DUR	REM DUR	%		CODE	ACTIVITY DESCRIPTION	LATE START	LATE FINISH
..5203A18772*	1	1	0	S FS	0	MOBILIZATION	1MAR93	1MAR93
5203A18772	1	1	0		52	MOBILIZATION	1MAR93	1MAR93
..5203A18770*	1	1	0	P FS	0	TASK SPECIFIC TRAINING	26FEB93	26FEB93
..5203A18774*	4	4	0	S FS	0	WATER SAMPLING (12 WELLS)	2MAR93	5MAR93
5203A18774	4	4	0		52	WATER SAMPLING (12 WELLS)	2MAR93	5MAR93
..5203A18772*	1	1	0	P FS	0	MOBILIZATION	1MAR93	1MAR93
..5203A18776*	2	2	0	S FS	0	SHIPPING/ARCHIVING	6MAR93	7MAR93
..5203A18778*	1	1	0	S FS	0	DEMOBILZATION/DECON	5JUL93	5JUL93
5203A18776	2	2	0		52	SHIPPING/ARCHIVING	6MAR93	7MAR93
..5203A18774*	4	4	0	P FS	0	WATER SAMPLING (12 WELLS)	2MAR93	5MAR93
..5203A18777*	1	1	0	S FS	0	FIELD DATA VALIDATION	1JUL93	1JUL93
..5203A18994*	80	80	0	S FS	0	LAB ANALYSIS/REPORT H2O SAMPLE2	8MAR93	25JUN93
5203A18777	1	1	0		52	FIELD DATA VALIDATION	1JUL93	1JUL93
..5203A18776*	2	2	0	P FS	0	SHIPPING/ARCHIVING	6MAR93	7MAR93
..5203A18779*	2	2	0	S FS	0	FIELD DATA ENTRY	2JUL93	5JUL93
5203A18778	1	1	0		52	DEMOBILZATION/DECON	5JUL93	5JUL93
..5203A18774*	4	4	0	P FS	0	WATER SAMPLING (12 WELLS)	2MAR93	5MAR93
..5203A18779	2	2	0	S FF	0	FIELD DATA ENTRY	2JUL93	5JUL93
5203A18779	2	2	0		52	FIELD DATA ENTRY	2JUL93	5JUL93
..5203A18777*	1	1	0	P FS	0	FIELD DATA VALIDATION	1JUL93	1JUL93
..5203A18778	1	1	0	P FF	0	DEMOBILZATION/DECON	5JUL93	5JUL93
..5203A18999	5	5	0	S FS	0	DATA BASE ENTRY	6JUL93	12JUL93
5203A18992	80	80	0		52	LABORATORY ANALYSIS/REPORT SOIL	8MAR93	25JUN93
.5203A18546*	2	2	0	P FS	0	SHIPPING/ARCHIVING	6MAR93	7MAR93
.5203A18995*	1	1	0	S FS	0	REC LAB REP SOIL	28JUN93	28JUN93
5203A18993	80	80	0		52	LAB ANALYSIS/REPORT H2O SAMPLE1	5MAR93	24JUN93
.5203A18676*	2	2	0	P FS	0	SHIPPING/ARCHIVING	3MAR93	4MAR93
.5203A18996*	1	1	0	S FS	0	REC LAB RPT H2O SAMPLE1	25JUN93	25JUN93
5203A18994	80	80	0		52	LAB ANALYSIS/REPORT H2O SAMPLE2	8MAR93	25JUN93
.5203A18776*	2	2	0	P FS	0	SHIPPING/ARCHIVING	6MAR93	7MAR93
.5203A18997*	1	1	0	S FS	0	REC LAB RPT H2O SAMPLE2	28JUN93	28JUN93
5203A18995	1	1	0		52	REC LAB REP SOIL	28JUN93	28JUN93
.5203A18992*	80	80	0	P FS	0	LABORATORY ANALYSIS/REPORT SOIL	8MAR93	25JUN93
.5203A18998	5	5	0	S FS	0	VALIDATE LABORATORY REPORT	29JUN93	5JUL93

ACTIVITY ID	ORIG DUR	REM DUR	%	CODE	ACTIVITY DESCRIPTION	LATE START	LATE FINISH
OPERABLE UNIT 5 SAMPLING (CABLE)							
5203A18996	1	1	0	52	REC LAB RPT H2O SAMPLE1	25JUN93	25JUN93
..5203A18993*	80	80	0 P FS	0	LAB ANALYSIS/REPORT H2O SAMPLE1	5MAR93	24JUN93
..5203A18997	1	1	0 S FS	0	REC LAB RPT H2O SAMPLE2	28JUN93	28JUN93
..5203A18998	5	5	0 S FS	0	VALIDATE LABORATORY REPORT	29JUN93	5JUL93
5203A18997	1	1	0	52	REC LAB RPT H2O SAMPLE2	28JUN93	28JUN93
..5203A18994*	80	80	0 P FS	0	LAB ANALYSIS/REPORT H2O SAMPLE2	8MAR93	25JUN93
..5203A18996	1	1	0 P FS	0	REC LAB RPT H2O SAMPLE1	25JUN93	25JUN93
..5203A18998*	5	5	0 S FS	0	VALIDATE LABORATORY REPORT	29JUN93	5JUL93
5203A18998	5	5	0	52	VALIDATE LABORATORY REPORT	29JUN93	5JUL93
..5203A18995	1	1	0 P FS	0	REC LAB REP SOIL	28JUN93	28JUN93
..5203A18996	1	1	0 P FS	0	REC LAB RPT H2O SAMPLE1	25JUN93	25JUN93
..5203A18997*	1	1	0 P FS	0	REC LAB RPT H2O SAMPLE2	28JUN93	28JUN93
..5203A18999*	5	5	0 S FS	0	DATA BASE ENTRY	6JUL93	12JUL93
5203A18999	5	5	0	52	DATA BASE ENTRY	6JUL93	12JUL93
..5203A02000	533	375	30 P FF	0	OPERABLE UNIT RELATED FIELD ACTIVITIES	2JAN91A	26JUL93
..5203A02018*	226	226	0 P FF	0	OU5 FIELD WORK - CABLE SAMPLING	31AUG92	12JUL93
..5203A18549	5	5	0 P FS	0	FIELD DATA ENTRY	29JUN93	5JUL93
..5203A18679	5	5	0 P FS	0	FIELD DATA ENTRY	29JUN93	5JUL93
..5203A18779	2	2	0 P FS	0	FIELD DATA ENTRY	2JUL93	5JUL93
..5203A18998*	5	5	0 P FS	0	VALIDATE LABORATORY REPORT	29JUN93	5JUL93
..5206A25102	10	10	0 S FS	0	OBTAIN VALIDATED ANALYSES FROM FIELD WORK	13JUL93	26JUL93
MISC. ADDITIONAL WELLS							
5203A23110	45	3	90	52	DRAFT MISC WELLS WORK PLAN	2JAN91A	28MAY92
..5203A02000*	533	375	30 S SS	0	OPERABLE UNIT RELATED FIELD ACTIVITIES	2JAN91A	26JUL93
..5203A02023*	461	303	34 S SS	0	OU5 FIELD WORK - MISC. ADDITIONAL WELLS	2JAN91A	12JUL93
..5203A23112*	10	6	40 S FS	0	DOE/WMCO REVIEW WORK PLAN	6MAR91A	5JUN92
..5203A23210	15	15	0 S SS	5	DRAFT MISC WELLS H&S PLAN	16JUL92	5AUG92
5203A23112	10	6	40	52	DOE/WMCO REVIEW WORK PLAN	6MAR91A	5JUN92
..5203A23110*	45	3	90 P FS	0	DRAFT MISC WELLS WORK PLAN	2JAN91A	28MAY92
..5203A23114*	20	20	0 S FS	0	REVISE WORK PLAN	8JUN92	3JUL92
5203A23114	20	20	0	52	REVISE WORK PLAN	8JUN92	3JUL92
..5203A23112*	10	6	40 P FS	0	DOE/WMCO REVIEW WORK PLAN	6MAR91A	5JUN92
..5203A23115*	1	1	0 S FS	0	DOE/FMPC APPROVAL OF WORK PLAN	6JUL92	6JUL92
5203A23115	1	1	0	52	DOE/FMPC APPROVAL OF WORK PLAN	6JUL92	6JUL92
..5203A23114*	20	20	0 P FS	0	REVISE WORK PLAN	8JUN92	3JUL92
..5203A23116*	21	21	0 S FS	0	EPA REVIEW OF WORK PLAN	7JUL92	4AUG92

ACTIVITY ID	ORIG DUR	REM DUR	%	CODE	ACTIVITY DESCRIPTION	LATE START	LATE FINISH
MISC. ADDITIONAL WELLS							
5203A23116	21	21	0	52	EPA REVIEW OF WORK PLAN	7JUL92	4AUG92
..5203A23115*	1	1	0 P FS	0	DOE/FMPC APPROVAL OF WORK PLAN	6JUL92	6JUL92
..5203A23117*	21	21	0 S FS	0	PREPARE FINAL WORK PLAN	5AUG92	2SEP92
5203A23117	21	21	0	52	PREPARE FINAL WORK PLAN	5AUG92	2SEP92
..5203A23116*	21	21	0 P FS	0	EPA REVIEW OF WORK PLAN	7JUL92	4AUG92
..5203A23118*	1	1	0 S FS	0	EPA APPROVAL MISC WELLS WORK PLAN	3SEP92	3SEP92
5203A23118	1	1	0	52	EPA APPROVAL MISC WELLS WORK PLAN	3SEP92	3SEP92
..5203A23117*	21	21	0 P FS	0	PREPARE FINAL WORK PLAN	5AUG92	2SEP92
..5203A23330*	3	3	0 S FS	0	PENETRATION PERMIT (MISC WELLS)	4SEP92	8SEP92
5203A23210	15	15	0	52	DRAFT MISC WELLS H&S PLAN	16JUL92	5AUG92
..5203A23110	45	3	90 P SS	5	DRAFT MISC WELLS WORK PLAN	2JAN91A	28MAY92
..5203A23212*	10	10	0 S FS	0	DOE/WMCO REVIEW H&S PLAN	6AUG92	19AUG92
5203A23212	10	10	0	52	DOE/WMCO REVIEW H&S PLAN	6AUG92	19AUG92
..5203A23210*	15	15	0 P FS	0	DRAFT MISC WELLS H&S PLAN	16JUL92	5AUG92
..5203A23214*	10	10	0 S FS	0	PREPARE FINAL H&S PLAN	20AUG92	2SEP92
5203A23214	10	10	0	52	PREPARE FINAL H&S PLAN	20AUG92	2SEP92
..5203A23212*	10	10	0 P FS	0	DOE/WMCO REVIEW H&S PLAN	6AUG92	19AUG92
..5203A23215*	1	1	0 S FS	0	DOE/WMCO APPROVAL H&S WORK PLAN	3SEP92	3SEP92
5203A23215	1	1	0	52	DOE/WMCO APPROVAL H&S WORK PLAN	3SEP92	3SEP92
..5203A23214*	10	10	0 P FS	0	PREPARE FINAL H&S PLAN	20AUG92	2SEP92
..5203A23330	3	3	0 S FS	0	PENETRATION PERMIT (MISC WELLS)	4SEP92	8SEP92
5203A23330	3	3	0	52	PENETRATION PERMIT (MISC WELLS)	4SEP92	8SEP92
..5203A23118*	1	1	0 P FS	0	EPA APPROVAL MISC WELLS WORK PLAN	3SEP92	3SEP92
..5203A23215	1	1	0 P FS	0	DOE/WMCO APPROVAL H&S WORK PLAN	3SEP92	3SEP92
..5203A23332*	5	5	0 S SS	1	ERA PERMIT APPROVAL	7SEP92	11SEP92
5203A23332	5	5	0	52	ERA PERMIT APPROVAL	7SEP92	11SEP92
..5203A23330*	3	3	0 P SS	1	PENETRATION PERMIT (MISC WELLS)	4SEP92	8SEP92
.5203A23338*	1	1	0 S FS	0	RADIATION WORK PERMIT	14SEP92	14SEP92
5203A23338	1	1	0	52	RADIATION WORK PERMIT	14SEP92	14SEP92
.5203A23332*	5	5	0 P FS	0	ERA PERMIT APPROVAL	7SEP92	11SEP92
.5203A23540*	1	1	0 S SS	0	MISC WELLS SPECIFIC TRAINING	14SEP92	14SEP92
5203A23540	1	1	0	52	MISC WELLS SPECIFIC TRAINING	14SEP92	14SEP92
.5203A23338*	1	1	0 P SS	0	RADIATION WORK PERMIT	14SEP92	14SEP92
.5203A23542*	1	1	0 S FS	0	MOBILIZATION	15SEP92	15SEP92

ACTIVITY ID	ORIG DUR	REM DUR	%	CODE	ACTIVITY DESCRIPTION	LATE START	LATE FINISH
MISC. ADDITIONAL WELLS							
5203A23542	1	1	0	52	MOBILIZATION	15SEP92	15SEP92
..5203A23540*	1	1	0 P FS	0	MISC WELLS SPECIFIC TRAINING	14SEP92	14SEP92
..5203A23544*	102	102	0 S FS	0	MISC WELL INSTALLATION (27 WELLS)	16SEP92	26DEC92
5203A23544	102	102	0	52	MISC WELL INSTALLATION (27 WELLS)	16SEP92	26DEC92
..5203A23542*	1	1	0 P FS	0	MOBILIZATION	15SEP92	15SEP92
..5203A23546*	2	2	0 S FS	0	SHIPPING/ARCHIVING	6MAR93	7MAR93
..5203A23548*	5	5	0 S FS	0	DEMOBILIZATION	1JUL93	5JUL93
..5203A23660*	1	1	0 S SS	10	TASK SPECIFIC WELL DEVELOPMENT TRAINING	26SEP92	26SEP92
..5203A23664	102	102	0 S SS	10	WELL DEVELOPMENT/SAMPLING (27 WELLS)	28SEP92	7JAN93
5203A23546	2	2	0	52	SHIPPING/ARCHIVING	6MAR93	7MAR93
..5203A23544*	102	102	0 P FS	0	MISC WELL INSTALLATION (27 WELLS)	16SEP92	26DEC92
..5203A23547*	5	5	0 S FS	0	FIELD DATA VALIDATION	22JUN93	28JUN93
..5203A23992*	80	80	0 S FS	0	LABORATORY ANALYSIS/REPORT SOIL	8MAR93	25JUN93
5203A23547	5	5	0	52	FIELD DATA VALIDATION	22JUN93	28JUN93
..5203A23546*	2	2	0 P FS	0	SHIPPING/ARCHIVING	6MAR93	7MAR93
..5203A23549*	5	5	0 S FS	0	FIELD DATA ENTRY	29JUN93	5JUL93
5203A23548	5	5	0	52	DEMOBILIZATION	1JUL93	5JUL93
..5203A23544*	102	102	0 P FS	0	MISC WELL INSTALLATION (27 WELLS)	16SEP92	26DEC92
..5203A23549	5	5	0 S FF	0	FIELD DATA ENTRY	29JUN93	5JUL93
5203A23549	5	5	0	52	FIELD DATA ENTRY	29JUN93	5JUL93
..5203A23547*	5	5	0 P FS	0	FIELD DATA VALIDATION	22JUN93	28JUN93
..5203A23548	5	5	0 P FF	0	DEMOBILIZATION	1JUL93	5JUL93
..5203A23999	5	5	0 S FS	0	DATA BASE ENTRY	6JUL93	12JUL93
5203A23660	1	1	0	52	TASK SPECIFIC WELL DEVELOPMENT TRAINING	26SEP92	26SEP92
..5203A23544*	102	102	0 P SS	10	MISC WELL INSTALLATION (27 WELLS)	16SEP92	26DEC92
..5203A23662*	1	1	0 S FS	0	WELL DEVELOPMENT MOBILIZATION	27SEP92	27SEP92
5203A23662	1	1	0	52	WELL DEVELOPMENT MOBILIZATION	27SEP92	27SEP92
..5203A23660*	1	1	0 P FS	0	TASK SPECIFIC WELL DEVELOPMENT TRAINING	26SEP92	26SEP92
..5203A23664*	102	102	0 S FS	0	WELL DEVELOPMENT/SAMPLING (27 WELLS)	28SEP92	7JAN93
5203A23664	102	102	0	52	WELL DEVELOPMENT/SAMPLING (27 WELLS)	28SEP92	7JAN93
..5203A23544	102	102	0 P SS	10	MISC WELL INSTALLATION (27 WELLS)	16SEP92	26DEC92
..5203A23662*	1	1	0 P FS	0	WELL DEVELOPMENT MOBILIZATION	27SEP92	27SEP92
..5203A23676*	2	2	0 S FS	0	SHIPPING/ARCHIVING	3MAR93	4MAR93
..5203A23678*	2	2	0 S FS	0	DEMOBILIZATION/DECON	4JUL93	5JUL93
..5203A23770*	1	1	0 S FS	42	TASK SPECIFIC TRAINING	19FEB93	19FEB93

ACTIVITY ID	ORIG DUR	REM DUR	%	CODE	ACTIVITY DESCRIPTION	LATE START	LATE FINISH
MISC. ADDITIONAL WELLS							
5203A23676	2	2	0	52	SHIPPING/ARCHIVING	3MAR93	4MAR93
..5203A23664*	102	102	0 P FS	0	WELL DEVELOPMENT/SAMPLING (27 WELLS)	28SEP92	7JAN93
..5203A23677*	5	5	0 S FS	0	FIELD DATA VALIDATION	22JUN93	28JUN93
..5203A23993*	80	80	0 S FS	0	LAB ANALYSIS/REPORT H2O SAMPLE1	5MAR93	24JUN93
5203A23677	5	5	0	52	FIELD DATA VALIDATION	22JUN93	28JUN93
..5203A23676*	2	2	0 P FS	0	SHIPPING/ARCHIVING	3MAR93	4MAR93
..5203A23679*	5	5	0 S FS	0	FIELD DATA ENTRY	29JUN93	5JUL93
5203A23678	2	2	0	52	DEMOBILIZATION/DECON	4JUL93	5JUL93
..5203A23664*	102	102	0 P FS	0	WELL DEVELOPMENT/SAMPLING (27 WELLS)	28SEP92	7JAN93
..5203A23679	5	5	0 S FF	0	FIELD DATA ENTRY	29JUN93	5JUL93
5203A23679	5	5	0	52	FIELD DATA ENTRY	29JUN93	5JUL93
..5203A23677*	5	5	0 P FS	0	FIELD DATA VALIDATION	22JUN93	28JUN93
..5203A23678	2	2	0 P FF	0	DEMOBILIZATION/DECON	4JUL93	5JUL93
..5203A23999	5	5	0 S FS	0	DATA BASE ENTRY	6JUL93	12JUL93
5203A23770	1	1	0	52	TASK SPECIFIC TRAINING	19FEB93	19FEB93
..5203A23664*	102	102	0 P FS	42	WELL DEVELOPMENT/SAMPLING (27 WELLS)	28SEP92	7JAN93
..5203A23772*	1	1	0 S FS	0	MOBILIZATION	22FEB93	22FEB93
5203A23772	1	1	0	52	MOBILIZATION	22FEB93	22FEB93
..5203A23770*	1	1	0 P FS	0	TASK SPECIFIC TRAINING	19FEB93	19FEB93
..5203A23774*	9	9	0 S FS	0	WATER SAMPLING (27 WELLS)	23FEB93	3MAR93
5203A23774	9	9	0	52	WATER SAMPLING (27 WELLS)	23FEB93	3MAR93
..5203A23772*	1	1	0 P FS	0	MOBILIZATION	22FEB93	22FEB93
..5203A23776*	2	2	0 S FS	0	SHIPPING/ARCHIVING	4MAR93	5MAR93
..5203A23778*	1	1	0 S FS	0	DEMOBILZATION/DECON	5JUL93	5JUL93
5203A23776	2	2	0	52	SHIPPING/ARCHIVING	4MAR93	5MAR93
..5203A23774*	9	9	0 P FS	0	WATER SAMPLING (27 WELLS)	23FEB93	3MAR93
..5203A23777*	1	1	0 S FS	0	FIELD DATA VALIDATION	28JUN93	28JUN93
..5203A23994*	80	80	0 S FS	0	LAB ANALYSIS/REPORT H2O SAMPLE2	8MAR93	25JUN93
5203A23777	1	1	0	52	FIELD DATA VALIDATION	28JUN93	28JUN93
..5203A23776*	2	2	0 P FS	0	SHIPPING/ARCHIVING	4MAR93	5MAR93
..5203A23779*	5	5	0 S FS	0	FIELD DATA ENTRY	29JUN93	5JUL93
5203A23778	1	1	0	52	DEMOBILZATION/DECON	5JUL93	5JUL93
..5203A23774*	9	9	0 P FS	0	WATER SAMPLING (27 WELLS)	23FEB93	3MAR93
..5203A23779	5	5	0 S FF	0	FIELD DATA ENTRY	29JUN93	5JUL93

ACTIVITY ID	ORIG DUR	REM DUR	%	CODE	ACTIVITY DESCRIPTION	LATE START	LATE FINISH
MISC. ADDITIONAL WELLS							
5203A23779	5	5	0	52	FIELD DATA ENTRY	29JUN93	5JUL93
..5203A23777*	1	1	0 P FS	0	FIELD DATA VALIDATION	28JUN93	28JUN93
..5203A23778	1	1	0 P FF	0	DEMOBILZATION/DECON	5JUL93	5JUL93
..5203A23999	5	5	0 S FS	0	DATA BASE ENTRY	6JUL93	12JUL93
5203A23992	80	80	0	52	LABORATORY ANALYSIS/REPORT SOIL	8MAR93	25JUN93
..5203A23546*	2	2	0 P FS	0	SHIPPING/ARCHIVING	6MAR93	7MAR93
..5203A23995*	1	1	0 S FS	0	REC LAB REP SOIL	28JUN93	28JUN93
5203A23993	80	80	0	52	LAB ANALYSIS/REPORT H2O SAMPLE1	5MAR93	24JUN93
..5203A23676*	2	2	0 P FS	0	SHIPPING/ARCHIVING	3MAR93	4MAR93
..5203A23996*	1	1	0 S FS	0	REC LAB RPT H2O SAMPLE1	25JUN93	25JUN93
5203A23994	80	80	0	52	LAB ANALYSIS/REPORT H2O SAMPLE2	8MAR93	25JUN93
..5203A23776*	2	2	0 P FS	0	SHIPPING/ARCHIVING	4MAR93	5MAR93
..5203A23997*	1	1	0 S FS	0	REC LAB RPT H2O SAMPLE2	28JUN93	28JUN93
5203A23995	1	1	0	52	REC LAB REP SOIL	28JUN93	28JUN93
..5203A23992*	80	80	0 P FS	0	LABORATORY ANALYSIS/REPORT SOIL	8MAR93	25JUN93
..5203A23998	5	5	0 S FS	0	VALIDATE LABORATORY REPORT	29JUN93	5JUL93
5203A23996	1	1	0	52	REC LAB RPT H2O SAMPLE1	25JUN93	25JUN93
..5203A23993*	80	80	0 P FS	0	LAB ANALYSIS/REPORT H2O SAMPLE1	5MAR93	24JUN93
..5203A23997	1	1	0 S FS	0	REC LAB RPT H2O SAMPLE2	28JUN93	28JUN93
..5203A23998	5	5	0 S FS	0	VALIDATE LABORATORY REPORT	29JUN93	5JUL93
5203A23997	1	1	0	52	REC LAB RPT H2O SAMPLE2	28JUN93	28JUN93
..5203A23994*	80	80	0 P FS	0	LAB ANALYSIS/REPORT H2O SAMPLE2	8MAR93	25JUN93
..5203A23996	1	1	0 P FS	0	REC LAB RPT H2O SAMPLE1	25JUN93	25JUN93
..5203A23998*	5	5	0 S FS	0	VALIDATE LABORATORY REPORT	29JUN93	5JUL93
5203A23998	5	5	0	52	VALIDATE LABORATORY REPORT	29JUN93	5JUL93
..5203A23995	1	1	0 P FS	0	REC LAB REP SOIL	28JUN93	28JUN93
..5203A23996	1	1	0 P FS	0	REC LAB RPT H2O SAMPLE1	25JUN93	25JUN93
..5203A23997*	1	1	0 P FS	0	REC LAB RPT H2O SAMPLE2	28JUN93	28JUN93
..5203A23999*	5	5	0 S FS	0	DATA BASE ENTRY	6JUL93	12JUL93
5203A23999	5	5	0	52	DATA BASE ENTRY	6JUL93	12JUL93
..5203A02000	533	375	30 P FF	0	OPERABLE UNIT RELATED FIELD ACTIVITIES	2JAN91A	26JUL93
..5203A02023*	461	303	34 P FF	0	OU5 FIELD WORK - MISC. ADDITIONAL WELLS	2JAN91A	12JUL93
..5203A23549	5	5	0 P FS	0	FIELD DATA ENTRY	29JUN93	5JUL93
..5203A23679	5	5	0 P FS	0	FIELD DATA ENTRY	29JUN93	5JUL93
..5203A23779	5	5	0 P FS	0	FIELD DATA ENTRY	29JUN93	5JUL93
..5203A23998*	5	5	0 P FS	0	VALIDATE LABORATORY REPORT	29JUN93	5JUL93

ACTIVITY ID	ORIG DUR	REM DUR	%	CODE	ACTIVITY DESCRIPTION	LATE START	LATE FINISH
..5206A25102	10	10	0 S FS	0	OBTAIN VALIDATED ANALYSES FROM FIELD WORK	13JUL93	26JUL93
OU-BL RISK ASSESSMENT							
5204A81050	40	40	0	52	PERFORM F & T CALC's.	16SEP93	10NOV93
..5204A81100*	20	20	0 P SS	10	EVALUATE DATA FOR RISK ASSESSMENT	2SEP93	29SEP93
..5204A81130*	20	20	0 S FS	0	EVAL. EXP./RISK/TOXICITY	11NOV93	8DEC93
5204A81100	20	20	0	52	EVALUATE DATA FOR RISK ASSESSMENT	2SEP93	29SEP93
..0200A85601	21	21	0 P FS	0	EPA REVIEW AND APPROVE	7NOV91	5DEC91
..5206A25102*	10	10	0 P SS	0	OBTAIN VALIDATED ANALYSES FROM FIELD WORK	13JUL93	26JUL93
..5204A81000*	90	90	0 S SS	0	OU5 BASELINE RISK ASSESSMENT	2SEP93	5JAN94
..5204A81050*	40	40	0 S SS	10	PERFORM F & T CALC's.	16SEP93	10NOV93
..5204A81120*	20	20	0 S FS	0	DETER. CHEMICALS OF CONCERN	11NOV93	8DEC93
5204A81120	20	20	0	52	DETER. CHEMICALS OF CONCERN	11NOV93	8DEC93
..5204A81100*	20	20	0 P FS	0	EVALUATE DATA FOR RISK ASSESSMENT	2SEP93	29SEP93
..5204A81130	20	20	0 S SS	0	EVAL. EXP./RISK/TOXICITY	11NOV93	8DEC93
5204A81130	20	20	0	52	EVAL. EXP./RISK/TOXICITY	11NOV93	8DEC93
..5204A81050*	40	40	0 P FS	0	PERFORM F & T CALC's.	16SEP93	10NOV93
..5204A81120	20	20	0 P SS	0	DETER. CHEMICALS OF CONCERN	11NOV93	8DEC93
..5204A81140*	20	20	0 S FS	0	PREPARE OU5 RA	9DEC93	5JAN94
5204A81140	20	20	0	52	PREPARE OU5 RA	9DEC93	5JAN94
..5204A81000*	90	90	0 P FF	0	OU5 BASELINE RISK ASSESSMENT	2SEP93	5JAN94
..5204A81130*	20	20	0 P FS	0	EVAL. EXP./RISK/TOXICITY	11NOV93	8DEC93
..5204A81150*	7	7	0 S FS	0	INTERNAL REVIEW OF OU5 RA	6JAN94	14JAN94
5204A81150	7	7	0	52	INTERNAL REVIEW OF OU5 RA	6JAN94	14JAN94
..5204A81140*	20	20	0 P FS	0	PREPARE OU5 RA	9DEC93	5JAN94
..5206A25105	10	10	0 S FS	0	INTERNAL REVIEW	17JAN94	28JAN94
TREATABILITY STUDIES							
5205A31110	38	38	0	52	PREPARE TREATABILITY STUDY WORK PLAN	19DEC91	10FEB92
..5205A02000*	480	480	0 S SS	0	TREATABILITY STUDIES	19DEC91	20OCT93
..5205A31115*	7	7	0 S FS	0	INTERNAL REVIEW OF WORK PLAN	11FEB92	19FEB92
5205A31115	7	7	0	52	INTERNAL REVIEW OF WORK PLAN	11FEB92	19FEB92
..5205A31110*	38	38	0 P FS	0	PREPARE TREATABILITY STUDY WORK PLAN	19DEC91	10FEB92
..5205A31120*	21	21	0 S FS	0	DOE REVIEW OF WORK PLAN	20FEB92	19MAR92
5205A31120	21	21	0	52	DOE REVIEW OF WORK PLAN	20FEB92	19MAR92
.5205A31115*	7	7	0 P FS	0	INTERNAL REVIEW OF WORK PLAN	11FEB92	19FEB92
.5205A31125*	15	15	0 S FS	0	INCORPORATE DOE COMMENTS	20MAR92	9APR92

ACTIVITY ID	ORIG DUR	REM DUR	%		CODE	ACTIVITY DESCRIPTION	LATE START	LATE FINISH
TREATABILITY STUDIES								
5205A31125	15	15	0		52	INCORPORATE DOE COMMENTS	20MAR92	9APR92
..5205A31120*	21	21	0	P FS	0	DOE REVIEW OF WORK PLAN	20FEB92	19MAR92
..5205A31130*	5	5	0	S FS	0	INTERNAL REVIEW/SUBMITTAL OF REV WORK PLAN	10APR92	16APR92
5205A31130	5	5	0		52	INTERNAL REVIEW/SUBMITTAL OF REV WORK PLAN	10APR92	16APR92
..5205A31125*	15	15	0	P FS	0	INCORPORATE DOE COMMENTS	20MAR92	9APR92
..5205A31150*	21	21	0	S FS	0	EPA REVIEW OF WORK PLAN	17APR92	15MAY92
5205A31150	21	21	0		52	EPA REVIEW OF WORK PLAN	17APR92	15MAY92
..5205A31130*	5	5	0	P FS	0	INTERNAL REVIEW/SUBMITTAL OF REV WORK PLAN	10APR92	16APR92
..5205A31155*	15	15	0	S FS	0	INCORPORATE EPA COMMENTS	18MAY92	5JUN92
5205A31155	15	15	0		52	INCORPORATE EPA COMMENTS	18MAY92	5JUN92
..5205A31150*	21	21	0	P FS	0	EPA REVIEW OF WORK PLAN	17APR92	15MAY92
..5205A31165*	10	10	0	S FS	0	EPA REVIEW & APPROVAL OF WORK PLAN	8JUN92	19JUN92
5205A31165	10	10	0		52	EPA REVIEW & APPROVAL OF WORK PLAN	8JUN92	19JUN92
..5205A31155*	15	15	0	P FS	0	INCORPORATE EPA COMMENTS	18MAY92	5JUN92
..5205A31210*	158	158	0	S FS	0	SAMPLE COLLECTION & ANALYSIS AT IT LAB.	22JUN92	27JAN93
5205A31210	158	158	0		52	SAMPLE COLLECTION & ANALYSIS AT IT LAB.	22JUN92	27JAN93
..5205A31165*	10	10	0	P FS	0	EPA REVIEW & APPROVAL OF WORK PLAN	8JUN92	19JUN92
..5205A31222*	140	140	0	S SS	38	SOIL WASHING TESTS	13AUG92	24FEB93
5205A31222	140	140	0		52	SOIL WASHING TESTS	13AUG92	24FEB93
..5205A31210*	158	158	0	P SS	38	SAMPLE COLLECTION & ANALYSIS AT IT LAB.	22JUN92	27JAN93
..5205A31223*	120	120	0	S FS	0	SAMPLE ANALYSIS	25FEB93	11AUG93
5205A31223	120	120	0		52	SAMPLE ANALYSIS	25FEB93	11AUG93
..5205A31222*	140	140	0	P FS	0	SOIL WASHING TESTS	13AUG92	24FEB93
..5205A31224*	5	5	0	S FS	0	ANALYSIS OF DATA	12AUG93	18AUG93
5205A31224	5	5	0		52	ANALYSIS OF DATA	12AUG93	18AUG93
..5205A31223*	120	120	0	P FS	0	SAMPLE ANALYSIS	25FEB93	11AUG93
..5205A31225*	15	15	0	S FS	0	TREATABILITY REPORT	19AUG93	8SEP93
5205A31225	15	15	0		52	TREATABILITY REPORT	19AUG93	8SEP93
..5205A31224*	5	5	0	P FS	0	ANALYSIS OF DATA	12AUG93	18AUG93
..5205A31230*	10	10	0	S FS	0	COMPILE TEST RESULTS	9SEP93	22SEP93
5205A31230	10	10	0		52	COMPILE TEST RESULTS	9SEP93	22SEP93
..5205A31225*	15	15	0	P FS	0	TREATABILITY REPORT	19AUG93	8SEP93
..5205A31310*	10	10	0	S FS	0	PREPARE TREATABILITY STUDY REPORT	23SEP93	6OCT93

ACTIVITY ID	ORIG DUR	REM DUR	%	CODE	ACTIVITY DESCRIPTION	LATE START	LATE FINISH
TREATABILITY STUDIES							
5205A31310	10	10	0	52	PREPARE TREATABILITY STUDY REPORT	23SEP93	6OCT93
..5205A31230*	10	10	0 P FS	0	COMPILE TEST RESULTS	9SEP93	22SEP93
..5205A31325*	5	5	0 S FS	0	INTERNAL REVIEW OF TREAT. STUDY REPORT	7OCT93	13OCT93
5205A31325	5	5	0	52	INTERNAL REVIEW OF TREAT. STUDY REPORT	7OCT93	13OCT93
..5205A31310*	10	10	0 P FS	0	PREPARE TREATABILITY STUDY REPORT	23SEP93	6OCT93
..5205A31328*	5	5	0 S FS	0	FINALIZE TREATABILITY STUDY REPORT	14OCT93	20OCT93
5205A31328	5	5	0	52	FINALIZE TREATABILITY STUDY REPORT	14OCT93	20OCT93
..5205A02000*	480	480	0 P FF	0	TREATABILITY STUDIES	19DEC91	20OCT93
..5205A31325*	5	5	0 P FS	0	INTERNAL REVIEW OF TREAT. STUDY REPORT	7OCT93	13OCT93
..5205A31341*	21	21	0 S FS	0	DOE/WMCO REVIEW AND COMMENT	23MAR94	20APR94
..5315A30102	40	40	0 S FS	0	REVISE ALTERNATIVES	21OCT93	15DEC93
..5315A30103	30	30	0 S FS	0	PERFORM F/T MODELING	21OCT93	1DEC93
5205A31341	21	21	0	52	DOE/WMCO REVIEW AND COMMENT	23MAR94	20APR94
..5205A31328*	5	5	0 P FS	0	FINALIZE TREATABILITY STUDY REPORT	14OCT93	20OCT93
..5315A41201	40	40	0 S FS	0	PREPARE INTERNAL DRAFT PP DOCUMENT	21APR94	15JUN94
VITRIFICATION STUDIES							
5205A52101	60	60	0	52	PROCURE TREATABILITY CONTRACTOR	9JUN92	31AUG92
..5205A52102*	30	30	0 S FS	0	TREATABILITY WORK PLANS-VITRI;STABILIZATION	1SEP92	12OCT92
..5205A52150	30	30	0 S FS	0	PHASE 1 TREATABILITY	24FEB93	6APR93
5205A52102	30	30	0	52	TREATABILITY WORK PLANS-VITRI;STABILIZATION	1SEP92	12OCT92
..5205A52101*	60	60	0 P FS	0	PROCURE TREATABILITY CONTRACTOR	9JUN92	31AUG92
..5205A52105*	1	1	0 S FS	0	SUBMIT WORK PLANS TO DOE	13OCT92	13OCT92
5205A52105	1	1	0	52	SUBMIT WORK PLANS TO DOE	13OCT92	13OCT92
..5205A52102*	30	30	0 P FS	0	TREATABILITY WORK PLANS-VITRI;STABILIZATION	1SEP92	12OCT92
..5205A52110*	21	21	0 S FS	0	DOE REVIEW OF WORK PLANS	14OCT92	11NOV92
5205A52110	21	21	0	52	DOE REVIEW OF WORK PLANS	14OCT92	11NOV92
..5205A52105*	1	1	0 P FS	0	SUBMIT WORK PLANS TO DOE	13OCT92	13OCT92
..5205A52115*	21	21	0 S FS	0	INCORPORATE COMMENTS	12NOV92	10DEC92
5205A52115	21	21	0	52	INCORPORATE COMMENTS	12NOV92	10DEC92
..5205A52110*	21	21	0 P FS	0	DOE REVIEW OF WORK PLANS	14OCT92	11NOV92
..5205A52120*	1	1	0 S FS	0	SUBMIT WORK PLANS TO EPA	11DEC92	11DEC92
5205A52120	1	1	0	52	SUBMIT WORK PLANS TO EPA	11DEC92	11DEC92
..5205A52115*	21	21	0 P FS	0	INCORPORATE COMMENTS	12NOV92	10DEC92
..5205A52125*	21	21	0 S FS	0	EPA REVIEW OF WORK PLANS	14DEC92	11JAN93

ACTIVITY ID	ORIG DUR	REM DUR	%	CODE	ACTIVITY DESCRIPTION	LATE START	LATE FINISH
VITRIFICATION STUDIES							
5205A52125	21	21	0	52	EPA REVIEW OF WORK PLANS	14DEC92	11JAN93
..5205A52120*	1	1	0 P FS	0	SUBMIT WORK PLANS TO EPA	11DEC92	11DEC92
..5205A52130*	10	10	0 S FS	0	INCORPORATE EPA COMMENTS	12JAN93	25JAN93
5205A52130	10	10	0	52	INCORPORATE EPA COMMENTS	12JAN93	25JAN93
..5205A52125*	21	21	0 P FS	0	EPA REVIEW OF WORK PLANS	14DEC92	11JAN93
..5205A52135*	1	1	0 S FS	0	RE-SUBMIT WORK PLANS TO EPA	26JAN93	26JAN93
5205A52135	1	1	0	52	RE-SUBMIT WORK PLANS TO EPA	26JAN93	26JAN93
..5205A52130*	10	10	0 P FS	0	INCORPORATE EPA COMMENTS	12JAN93	25JAN93
..5205A52140*	10	10	0 S FS	0	EPA REVIEW & APPROVAL	27JAN93	9FEB93
5205A52140	10	10	0	52	EPA REVIEW & APPROVAL	27JAN93	9FEB93
..5205A52135*	1	1	0 P FS	0	RE-SUBMIT WORK PLANS TO EPA	26JAN93	26JAN93
..5205A52145*	10	10	0 S FS	0	SAMPLE RECEIPT	10FEB93	23FEB93
5205A52145	10	10	0	52	SAMPLE RECEIPT	10FEB93	23FEB93
..5205A52140*	10	10	0 P FS	0	EPA REVIEW & APPROVAL	27JAN93	9FEB93
..5205A52150*	30	30	0 S FS	0	PHASE 1 TREATABILITY	24FEB93	6APR93
5205A52150	30	30	0	52	PHASE 1 TREATABILITY	24FEB93	6APR93
..5205A52101	60	60	0 P FS	0	PROCURE TREATABILITY CONTRACTOR	9JUN92	31AUG92
..5205A52145*	10	10	0 P FS	0	SAMPLE RECEIPT	10FEB93	23FEB93
..5205A52155*	120	120	0 S FS	0	PHASE 1 ANALYSIS	7APR93	21SEP93
5205A52155	120	120	0	52	PHASE 1 ANALYSIS	7APR93	21SEP93
..5205A52150*	30	30	0 P FS	0	PHASE 1 TREATABILITY	24FEB93	6APR93
..5205A52180*	21	21	0 S FS	0	PREPARE TREATABILITY STUDY REPORT	22SEP93	20OCT93
5205A52180	21	21	0	52	PREPARE TREATABILITY STUDY REPORT	22SEP93	20OCT93
..5205A52155*	120	120	0 P FS	0	PHASE 1 ANALYSIS	7APR93	21SEP93
..5205A52183*	21	21	0 S FS	0	DOE/WMCO REVIEW AND COMMENT	23MAR94	20APR94
..5315A30102	40	40	0 S FS	0	REVISE ALTERNATIVES	21OCT93	15DEC93
..5315A30103	30	30	0 S FS	0	PERFORM F/T MODELING	21OCT93	1DEC93
5205A52183	21	21	0	52	DOE/WMCO REVIEW AND COMMENT	23MAR94	20APR94
..5205A52180*	21	21	0 P FS	0	PREPARE TREATABILITY STUDY REPORT	22SEP93	20OCT93
..5315A41201	40	40	0 S FS	0	PREPARE INTERNAL DRAFT PP DOCUMENT	21APR94	15JUN94
REMEDIAL INVESTIGATION							
5206A25102	10	10	0	52	OBTAIN VALIDATED ANALYSES FROM FIELD WORK	13JUL93	26JUL93
..5203A07999	5	5	0 P FS	0	DATA BASE ENTRY	6JUL93	12JUL93
..5203A10999	5	5	0 P FF	0	DATA BASE ENTRY	20JUL93	26JUL93
..5203A11999	5	5	0 P FF	0	DATA BASE ENTRY	20JUL93	26JUL93

ACTIVITY ID	ORIG DUR	REM DUR	%			CODE	ACTIVITY DESCRIPTION	LATE START	LATE FINISH
..5203A12999	5	5	0	P	FS	0	DATA BASE ENTRY	6JUL93	12JUL93
..5203A13999	5	5	0	P	FS	0	DATA BASE ENTRY	6JUL93	12JUL93
..5203A14779	10	10	0	P	FS	0	FIELD DATA ENTRY	29JUN93	12JUL93
..5203A17999*	5	5	0	P	FS	0	DATA BASE ENTRY	6JUL93	12JUL93
..5203A18999	5	5	0	P	FS	0	DATA BASE ENTRY	6JUL93	12JUL93
..5203A23999	5	5	0	P	FS	0	DATA BASE ENTRY	6JUL93	12JUL93
..5204A81100*	20	20	0	S	SS	0	EVALUATE DATA FOR RISK ASSESSMENT	2SEP93	29SEP93
..5206A02100*	157	157	0	S	SS	0	REMEDIAL INVESTIGATION REPORT PREPARATION	13JUL93	25FEB94
..5206A25104	42	42	0	S	SS	0	PREPARE INTERNAL DRAFT RI REPORT	13JUL93	8SEP93
5206A25103	200	200	0			52	REVISE SITE CHARACTERIZATION	6OCT92	12JUL93
..5206A25104*	42	42	0	S	FS	0	PREPARE INTERNAL DRAFT RI REPORT	13JUL93	8SEP93
5206A25104	42	42	0			52	PREPARE INTERNAL DRAFT RI REPORT	13JUL93	8SEP93
..5206A25102	10	10	0	P	SS	0	OBTAIN VALIDATED ANALYSES FROM FIELD WORK	13JUL93	26JUL93
..5206A25103*	200	200	0	P	FS	0	REVISE SITE CHARACTERIZATION	6OCT92	12JUL93
..5206A25105*	10	10	0	S	FS	0	INTERNAL REVIEW	17JAN94	28JAN94
..5315A30101*	30	30	0	S	FS	0	REVISE FS GW MODELING	9SEP93	20OCT93
5206A25105	10	10	0			52	INTERNAL REVIEW	17JAN94	28JAN94
..5204A81150	7	7	0	P	FS	0	INTERNAL REVIEW OF OU5 RA	6JAN94	14JAN94
..5206A25104*	42	42	0	P	FS	0	PREPARE INTERNAL DRAFT RI REPORT	13JUL93	8SEP93
..5206A25107*	20	20	0	S	FS	0	INCORP INTERNAL OU5 RI COMMENTS	31JAN94	25FEB94
5206A25107	20	20	0			52	INCORP INTERNAL OU5 RI COMMENTS	31JAN94	25FEB94
..0206A68613	21	21	0	P	FF	0	INCORPORATE EPA COMMENTS	20NOV92	18DEC92
..5206A02100*	157	157	0	P	FF	0	REMEDIAL INVESTIGATION REPORT PREPARATION	13JUL93	25FEB94
..5206A25105*	10	10	0	P	FS	0	INTERNAL REVIEW	17JAN94	28JAN94
..5206A25507*	0	0	0	S	FS	0	SUBMIT RI TO DOE/WMCO	28FEB94	
5206A25507	0	0	0			52	SUBMIT RI TO DOE/WMCO	28FEB94	
..5206A25107*	20	20	0	P	FS	0	INCORP INTERNAL OU5 RI COMMENTS	31JAN94	25FEB94
..5206A01010*	0	0	0	S	FS	0	DELIVER DRAFT OU5 RI TO DOE	28FEB94	
..5206A02500*	84	84	0	S	SS	0	DOE RI REVIEW/REVISE/APPROVE	28FEB94	23JUN94
..5206A25508*	21	21	0	S	FS	0	DOE/WMCO REVIEW AND COMMENT	28FEB94	28MAR94
5206A25508	21	21	0			52	DOE/WMCO REVIEW AND COMMENT	28FEB94	28MAR94
..5206A01010*	0	0	0	P	FS	0	DELIVER DRAFT OU5 RI TO DOE	28FEB94	
..5206A25507*	0	0	0	P	FS	0	SUBMIT RI TO DOE/WMCO	28FEB94	
..5206A25509*	21	21	0	S	FS	0	INCORPORATE DOE/WMCO COMMENTS	29MAR94	26APR94
5206A25509	21	21	0			52	INCORPORATE DOE/WMCO COMMENTS	29MAR94	26APR94
..5206A25508*	21	21	0	P	FS	0	DOE/WMCO REVIEW AND COMMENT	28FEB94	28MAR94
..5206A25520*	21	21	0	S	FS	0	EM-1 REVIEW AND COMMENT	27APR94	25MAY94

ACTIVITY ID	ORIG DUR	REM DUR	%	CODE	ACTIVITY DESCRIPTION	LATE START	LATE FINISH
REMEDIAL INVESTIGATION							
5206A25520	21	21	0	52	EM-1 REVIEW AND COMMENT	27APR94	25MAY94
..5206A25509*	21	21	0	P FS 0	INCORPORATE DOE/WMCO COMMENTS	29MAR94	26APR94
..5206A25525*	21	21	0	S FS 0	INCORPORATE EM-1 COMMENTS	26MAY94	23JUN94
5206A25525	21	21	0	52	INCORPORATE EM-1 COMMENTS	26MAY94	23JUN94
..5206A25520*	21	21	0	P FS 0	EM-1 REVIEW AND COMMENT	27APR94	25MAY94
..5206A25610*	0	0	0	S FS 0	SUBMIT RI TO EPA		23JUN94
5206A25610	0	0	0	52	SUBMIT RI TO EPA		23JUN94
..5206A02500*	84	84	0	P FF 0	DOE RI REVIEW/REVISE/APPROVE	28FEB94	23JUN94
..5206A25525*	21	21	0	P FS 0	INCORPORATE EM-1 COMMENTS	26MAY94	23JUN94
..5206A01020*	0	0	0	S FS 0	DELIVER DRAFT OU5 RI TO EPA	24JUN94	
..5206A25611*	42	42	0	S FS 0	EPA REVIEW & COMMENT - OU5 RI	24JUN94	22AUG94
5206A25611	42	42	0	52	EPA REVIEW & COMMENT - OU5 RI	24JUN94	22AUG94
..5206A01020*	0	0	0	P FS 0	DELIVER DRAFT OU5 RI TO EPA	24JUN94	
..5206A25610*	0	0	0	P FS 0	SUBMIT RI TO EPA		23JUN94
..5206A02600*	84	84	0	S SS 0	EPA RI REPORT REVIEW/REVISE/APPROVE	24JUN94	19OCT94
..5206A25612*	21	21	0	S FS 0	INCORPORATE EPA COMMENTS	23AUG94	20SEP94
5206A25612	21	21	0	52	INCORPORATE EPA COMMENTS	23AUG94	20SEP94
..5206A25611*	42	42	0	P FS 0	EPA REVIEW & COMMENT - OU5 RI	24JUN94	22AUG94
..5206A25615*	21	21	0	S FS 0	EPA REVIEW AND APPROVE	21SEP94	19OCT94
5206A25615	21	21	0	52	EPA REVIEW AND APPROVE	21SEP94	19OCT94
..5206A02600*	84	84	0	P FF 0	EPA RI REPORT REVIEW/REVISE/APPROVE	24JUN94	19OCT94
..5206A25612*	21	21	0	P FS 0	INCORPORATE EPA COMMENTS	23AUG94	20SEP94
..5206A25710*	12	12	0	S FS 0	INCORPORATE FINAL EPA COMMENTS	20OCT94	4NOV94
5206A25710	12	12	0	52	INCORPORATE FINAL EPA COMMENTS	20OCT94	4NOV94
..5206A25615*	21	21	0	P FS 0	EPA REVIEW AND APPROVE	21SEP94	19OCT94
..5206A02700*	20	20	0	S SS 0	PRINT AND DIST FINAL REPORT	20OCT94	16NOV94
..5206A25715*	3	3	0	S FS 0	INTERNAL REVIEW	7NOV94	9NOV94
5206A25715	3	3	0	52	INTERNAL REVIEW	7NOV94	9NOV94
..5206A25710*	12	12	0	P FS 0	INCORPORATE FINAL EPA COMMENTS	20OCT94	4NOV94
..5206A25720*	5	5	0	S FS 0	PRINT AND DISTRIBUTE FINAL REPORT	10NOV94	16NOV94
5206A25720	5	5	0	52	PRINT AND DISTRIBUTE FINAL REPORT	10NOV94	16NOV94
..5206A02700*	20	20	0	P FF 0	PRINT AND DIST FINAL REPORT	20OCT94	16NOV94
..5206A25715*	3	3	0	P FS 0	INTERNAL REVIEW	7NOV94	9NOV94
..5315A41605	1	1	0	S FF 0	SUBMIT EPA DRAFT FS/PP	16NOV94	16NOV94

ACTIVITY ID	ORIG DUR	REM DUR	%	CODE	ACTIVITY DESCRIPTION	LATE START	LATE FINISH
INITIAL SCREENING OF ALTERNATIVES							
5312A09101	10	10	0	53	REVISE RAOs	10AUG92	21AUG92
..5312A02100*	95	95	0 S SS	0	INITIAL SCREENING OF ALTERNATIVES	10AUG92	18DEC92
..5312A09103*	5	5	0 S FS	0	REVISE GENERAL RESPONSE ACTIONS	24AUG92	28AUG92
5312A09103	5	5	0	53	REVISE GENERAL RESPONSE ACTIONS	24AUG92	28AUG92
..5312A09101*	10	10	0 P FS	0	REVISE RAOs	10AUG92	21AUG92
..5312A09108*	10	10	0 S FS	0	REVISE PROCESS OPTIONS AND SCREEN TECHS	31AUG92	11SEP92
5312A09108	10	10	0	53	REVISE PROCESS OPTIONS AND SCREEN TECHS	31AUG92	11SEP92
..5312A09103*	5	5	0 P FS	0	REVISE GENERAL RESPONSE ACTIONS	24AUG92	28AUG92
..5312A09111*	10	10	0 S FS	0	REVISE PROCESS OPTIONS EVALUATION	14SEP92	25SEP92
5312A09111	10	10	0	53	REVISE PROCESS OPTIONS EVALUATION	14SEP92	25SEP92
..5312A09108*	10	10	0 P FS	0	REVISE PROCESS OPTIONS AND SCREEN TECHS	31AUG92	11SEP92
..5312A09113*	10	10	0 S FS	0	MODIFY ALTERNATIVES	28SEP92	9OCT92
5312A09113	10	10	0	53	MODIFY ALTERNATIVES	28SEP92	9OCT92
..5312A09111*	10	10	0 P FS	0	REVISE PROCESS OPTIONS EVALUATION	14SEP92	25SEP92
..5312A09114*	5	5	0 S FS	0	UPDATE PRELIMINARY ARARS	26OCT92	30OCT92
..5312A09115*	15	15	0 S FS	0	REVISE ISA COST ESTIMATE	12OCT92	30OCT92
5312A09114	5	5	0	53	UPDATE PRELIMINARY ARARS	26OCT92	30OCT92
..5312A09113*	10	10	0 P FS	0	MODIFY ALTERNATIVES	28SEP92	9OCT92
..5312A09118	20	20	0 S FS	0	REVISE ALTERNATIVES SCREENING	2NOV92	27NOV92
5312A09115	15	15	0	53	REVISE ISA COST ESTIMATE	12OCT92	30OCT92
..5312A09113*	10	10	0 P FS	0	MODIFY ALTERNATIVES	28SEP92	9OCT92
..5312A09118*	20	20	0 S FS	0	REVISE ALTERNATIVES SCREENING	2NOV92	27NOV92
5312A09118	20	20	0	53	REVISE ALTERNATIVES SCREENING	2NOV92	27NOV92
..5312A09114	5	5	0 P FS	0	UPDATE PRELIMINARY ARARS	26OCT92	30OCT92
..5312A09115*	15	15	0 P FS	0	REVISE ISA COST ESTIMATE	12OCT92	30OCT92
..5312A09121*	5	5	0 S FS	0	COMPLETE ISA REPORT	30NOV92	4DEC92
5312A09121	5	5	0	53	COMPLETE ISA REPORT	30NOV92	4DEC92
..5312A09118*	20	20	0 P FS	0	REVISE ALTERNATIVES SCREENING	2NOV92	27NOV92
..5312A09123*	10	10	0 S FS	0	INTERNAL REVIEW	7DEC92	18DEC92
5312A09123	10	10	0	53	INTERNAL REVIEW	7DEC92	18DEC92
..5312A02100*	95	95	0 P FF	0	INITIAL SCREENING OF ALTERNATIVES	10AUG92	18DEC92
..5312A09121*	5	5	0 P FS	0	COMPLETE ISA REPORT	30NOV92	4DEC92
..5312A09501*	21	21	0 S FS	0	DOE/WMCO REVIEW AND COMMENT	21DEC92	18JAN93

ACTIVITY ID	ORIG DUR	REM DUR	%	CODE	ACTIVITY DESCRIPTION	LATE START	LATE FINISH
INITIAL SCREENING OF ALTERNATIVES							
5312A09501	21	21	0	53	DOE/WMCO REVIEW AND COMMENT	21DEC92	18JAN93
..5312A09123*	10	10	0	P FS 0	INTERNAL REVIEW	7DEC92	18DEC92
..5312A02500*	84	84	0	S SS 0	DOE ISA REVIEW/REVISE/APPROVE	21DEC92	15APR93
..5312A09503*	21	21	0	S FS 0	INCORPORATE DOE/WMCO COMMENTS	19JAN93	16FEB93
5312A09503	21	21	0	53	INCORPORATE DOE/WMCO COMMENTS	19JAN93	16FEB93
..5312A09501*	21	21	0	P FS 0	DOE/WMCO REVIEW AND COMMENT	21DEC92	18JAN93
..5312A09511*	21	21	0	S FS 0	EM-1 REVIEW AND COMMENT	17FEB93	17MAR93
5312A09511	21	21	0	53	EM-1 REVIEW AND COMMENT	17FEB93	17MAR93
..5312A09503*	21	21	0	P FS 0	INCORPORATE DOE/WMCO COMMENTS	19JAN93	16FEB93
..5312A09513*	21	21	0	S FS 0	INCORPORATE EM-1 COMMENTS	18MAR93	15APR93
5312A09513	21	21	0	53	INCORPORATE EM-1 COMMENTS	18MAR93	15APR93
..5312A02500*	84	84	0	P FF 0	DOE ISA REVIEW/REVISE/APPROVE	21DEC92	15APR93
..5312A09511*	21	21	0	P FS 0	EM-1 REVIEW AND COMMENT	17FEB93	17MAR93
..5312A09601*	42	42	0	S FS 0	EPA REVIEW AND COMMENT	16APR93	14JUN93
5312A09601	42	42	0	53	EPA REVIEW AND COMMENT	16APR93	14JUN93
..5312A09513*	21	21	0	P FS 0	INCORPORATE EM-1 COMMENTS	18MAR93	15APR93
..5312A02600*	84	84	0	S SS 0	EPA ISA REVIEW/REVISE/APPROVE	16APR93	11AUG93
..5312A09603*	21	21	0	S FS 0	INCORPORATE EPA COMMENTS	15JUN93	13JUL93
5312A09603	21	21	0	53	INCORPORATE EPA COMMENTS	15JUN93	13JUL93
..5312A09601*	42	42	0	P FS 0	EPA REVIEW AND COMMENT	16APR93	14JUN93
..5312A09605*	21	21	0	S FS 0	EPA REVIEW AND APPROVE	14JUL93	11AUG93
5312A09605	21	21	0	53	EPA REVIEW AND APPROVE	14JUL93	11AUG93
..5312A02600*	84	84	0	P FF 0	EPA ISA REVIEW/REVISE/APPROVE	16APR93	11AUG93
..5312A09603*	21	21	0	P FS 0	INCORPORATE EPA COMMENTS	15JUN93	13JUL93
..5312A09608*	12	12	0	S FS 0	INCORPORATE EPA FINAL COMMENTS	12AUG93	27AUG93
5312A09608	12	12	0	53	INCORPORATE EPA FINAL COMMENTS	12AUG93	27AUG93
..5312A09605*	21	21	0	P FS 0	EPA REVIEW AND APPROVE	14JUL93	11AUG93
..5312A02700*	20	20	0	S SS 0	PRINT AND DISTRIBUTE FINAL ISA REPORT	12AUG93	8SEP93
..5312A09611*	3	3	0	S FS 0	INTERNAL REVIEW	30AUG93	1SEP93
5312A09611	3	3	0	53	INTERNAL REVIEW	30AUG93	1SEP93
..5312A09608*	12	12	0	P FS 0	INCORPORATE EPA FINAL COMMENTS	12AUG93	27AUG93
..5312A09613*	5	5	0	S FS 0	PRINT AND DISTRIBUTE FINAL REPORT	2SEP93	8SEP93
5312A09613	5	5	0	53	PRINT AND DISTRIBUTE FINAL REPORT	2SEP93	8SEP93
..5312A02700*	20	20	0	P FF 0	PRINT AND DISTRIBUTE FINAL ISA REPORT	12AUG93	8SEP93
..5312A09611*	3	3	0	P FS 0	INTERNAL REVIEW	30AUG93	1SEP93

ACTIVITY ID	ORIG DUR	REM DUR	%		CODE	ACTIVITY DESCRIPTION	LATE START	LATE FINISH
..5315A30101	30	30	0	S FS	0	REVISE FS GW MODELING	9SEP93	20OCT93
DETAILED ANALYSIS/COMP ANALYSIS								
5315A30101	30	30	0		53	REVISE FS GW MODELING	9SEP93	20OCT93
..5206A25104*	42	42	0	P FS	0	PREPARE INTERNAL DRAFT RI REPORT	13JUL93	8SEP93
..5312A09613	5	5	0	P FS	0	PRINT AND DISTRIBUTE FINAL REPORT	2SEP93	8SEP93
..5315A02100*	224	224	0	S SS	0	FEASIBILITY STUDY/PROP. PLN. REPORT PREPARATION	9SEP93	20JUL94
..5315A30102*	40	40	0	S FS	0	REVISE ALTERNATIVES	21OCT93	15DEC93
5315A30102	40	40	0		53	REVISE ALTERNATIVES	21OCT93	15DEC93
..0206A68613	21	21	0	P FS	0	INCORPORATE EPA COMMENTS	20NOV92	18DEC92
..0438A04929	1	1	0	P FS	0	DELIVER REVISED EWMF RI/FS SITING REPORT	9APR93	9APR93
..5205A31328	5	5	0	P FS	0	FINALIZE TREATABILITY STUDY REPORT	14OCT93	20OCT93
..5205A52180	21	21	0	P FS	0	PREPARE TREATABILITY STUDY REPORT	22SEP93	20OCT93
..5315A30101*	30	30	0	P FS	0	REVISE FS GW MODELING	9SEP93	20OCT93
..5315A30103*	30	30	0	S SS	0	PERFORM F/T MODELING	21OCT93	1DEC93
..5315A30115*	20	20	0	S FS	0	REVISE ALT DESCRIPTION	16DEC93	12JAN94
..5316A82161*	15	15	0	S SS	0	INTEGRATE FINAL OU5 RA DATA	6JAN94	26JAN94
5315A30103	30	30	0		53	PERFORM F/T MODELING	21OCT93	1DEC93
..5205A31328	5	5	0	P FS	0	FINALIZE TREATABILITY STUDY REPORT	14OCT93	20OCT93
..5205A52180	21	21	0	P FS	0	PREPARE TREATABILITY STUDY REPORT	22SEP93	20OCT93
..5315A30102*	40	40	0	P SS	0	REVISE ALTERNATIVES	21OCT93	15DEC93
..5315A30105*	30	30	0	S FS	0	EVAL EXP/RISK/TOXICITY	2DEC93	12JAN94
5315A30105	30	30	0		53	EVAL EXP/RISK/TOXICITY	2DEC93	12JAN94
..5315A30103*	30	30	0	P FS	0	PERFORM F/T MODELING	21OCT93	1DEC93
..5315A30108*	15	15	0	S SS	0	EVAL EXPOSURE DURING REM.	23DEC93	12JAN94
..5315A30111*	20	20	0	S FS	0	PREPARE FS-RA APPENDIX	8MAR94	4APR94
..5315A30118*	40	40	0	S FS	0	EVAL ALT EFFECTIVENESS	13JAN94	9MAR94
..5315A30125*	30	30	0	S FF	0	NEPA ANALYSIS	2DEC93	12JAN94
5315A30108	15	15	0		53	EVAL EXPOSURE DURING REM.	23DEC93	12JAN94
..5315A30105*	30	30	0	P SS	0	EVAL EXP/RISK/TOXICITY	2DEC93	12JAN94
..5315A30118	40	40	0	S FS	0	EVAL ALT EFFECTIVENESS	13JAN94	9MAR94
5315A30111	20	20	0		53	PREPARE FS-RA APPENDIX	8MAR94	4APR94
..5315A30105*	30	30	0	P FS	0	EVAL EXP/RISK/TOXICITY	2DEC93	12JAN94
..5315A30113*	10	10	0	S FS	0	INTERNAL REVIEW OF FS-RA	5APR94	18APR94
5315A30113	10	10	0		53	INTERNAL REVIEW OF FS-RA	5APR94	18APR94
..5315A30111*	20	20	0	P FS	0	PREPARE FS-RA APPENDIX	8MAR94	4APR94
..5315A30131	15	15	0	S FS	0	PREPARE DAA CHAPTER	19APR94	9MAY94

ACTIVITY ID	ORIG DUR	REM DUR	%	CODE	ACTIVITY DESCRIPTION	LATE START	LATE FINISH
DETAILED ANALYSIS/COMP ANALYSIS							
5315A30114	5	5	0	53	EVALUATE ETPSF IMPACTS	3MAR94	9MAR94
..5315A30115*	20	20	0	P SS 0	REVISE ALT DESCRIPTION	16DEC93	12JAN94
..5315A30128	28	28	0	S FS 0	COMPARATIVE ANALYSIS	10MAR94	18APR94
5315A30115	20	20	0	53	REVISE ALT DESCRIPTION	16DEC93	12JAN94
..5315A30102*	40	40	0	P FS 0	REVISE ALTERNATIVES	21OCT93	15DEC93
..5315A30114*	5	5	0	S SS 0	EVALUATE ETPSF IMPACTS	3MAR94	9MAR94
..5315A30118*	40	40	0	S FS 0	EVAL ALT EFFECTIVENESS	13JAN94	9MAR94
5315A30118	40	40	0	53	EVAL ALT EFFECTIVENESS	13JAN94	9MAR94
..5315A30105*	30	30	0	P FS 0	EVAL EXP/RISK/TOXICITY	2DEC93	12JAN94
..5315A30108	15	15	0	P FS 0	EVAL EXPOSURE DURING REM.	23DEC93	12JAN94
..5315A30115*	20	20	0	P FS 0	REVISE ALT DESCRIPTION	16DEC93	12JAN94
..5315A30125*	30	30	0	P FS 0	NEPA ANALYSIS	2DEC93	12JAN94
..5315A30121*	40	40	0	S SS 0	EVAL ALT IMPLEMENTABILITY	13JAN94	9MAR94
..5315A30123*	40	40	0	S SS 0	REVISE ALT COST ESTIMATE	13JAN94	9MAR94
..5315A30128*	28	28	0	S FS 0	COMPARATIVE ANALYSIS	10MAR94	18APR94
5315A30121	40	40	0	53	EVAL ALT IMPLEMENTABILITY	13JAN94	9MAR94
..5315A30118*	40	40	0	P SS 0	EVAL ALT EFFECTIVENESS	13JAN94	9MAR94
..5315A30123*	40	40	0	S SS 0	REVISE ALT COST ESTIMATE	13JAN94	9MAR94
..5315A30128*	28	28	0	S FS 0	COMPARATIVE ANALYSIS	10MAR94	18APR94
5315A30123	40	40	0	53	REVISE ALT COST ESTIMATE	13JAN94	9MAR94
..5315A30118*	40	40	0	P SS 0	EVAL ALT EFFECTIVENESS	13JAN94	9MAR94
..5315A30121*	40	40	0	P SS 0	EVAL ALT IMPLEMENTABILITY	13JAN94	9MAR94
..5315A30128*	28	28	0	S FS 0	COMPARATIVE ANALYSIS	10MAR94	18APR94
5315A30125	30	30	0	53	NEPA ANALYSIS	2DEC93	12JAN94
..5315A30105*	30	30	0	P FF 0	EVAL EXP/RISK/TOXICITY	2DEC93	12JAN94
..5315A30118*	40	40	0	S FS 0	EVAL ALT EFFECTIVENESS	13JAN94	9MAR94
..5315A30127*	5	5	0	S FS 0	DOE/HQ EA-EIS KEY DECISION POINT	3MAR94	9MAR94
..5315A40105	15	15	0	S FS 0	PREPARE NEPA ANALYSIS CHAPTER	18MAY94	7JUN94
5315A30127	5	5	0	53	DOE/HQ EA-EIS KEY DECISION POINT	3MAR94	9MAR94
..5315A30125*	30	30	0	P FS 0	NEPA ANALYSIS	2DEC93	12JAN94
..5315A30128	28	28	0	S FS 0	COMPARATIVE ANALYSIS	10MAR94	18APR94
5315A30128	28	28	0	53	COMPARATIVE ANALYSIS	10MAR94	18APR94
..5315A30114	5	5	0	P FS 0	EVALUATE ETPSF IMPACTS	3MAR94	9MAR94
..5315A30118*	40	40	0	P FS 0	EVAL ALT EFFECTIVENESS	13JAN94	9MAR94
..5315A30121*	40	40	0	P FS 0	EVAL ALT IMPLEMENTABILITY	13JAN94	9MAR94
..5315A30123*	40	40	0	P FS 0	REVISE ALT COST ESTIMATE	13JAN94	9MAR94
..5315A30127	5	5	0	P FS 0	DOE/HQ EA-EIS KEY DECISION POINT	3MAR94	9MAR94

ACTIVITY ID	ORIG DUR	REM DUR	%			CODE	ACTIVITY DESCRIPTION	LATE START	LATE FINISH
..5316A82171	10	10	0	P	FS	0	UPDATE CUMULATIVE FS RA APPENDIX	24FEB94	9MAR94
..5315A30131*	15	15	0	S	FS	0	PREPARE DAA CHAPTER	19APR94	9MAY94
5315A30131	15	15	0			53	PREPARE DAA CHAPTER	19APR94	9MAY94
..5315A30113	10	10	0	P	FS	0	INTERNAL REVIEW OF FS-RA	5APR94	18APR94
..5315A30128*	28	28	0	P	FS	0	COMPARATIVE ANALYSIS	10MAR94	18APR94
..5315A40001*	1	1	0	S	SS	0	PROGRAMATIC DECISION POINT	19APR94	19APR94
FEASIBILITY STUDY									
5315A40001	1	1	0			53	PROGRAMATIC DECISION POINT	19APR94	19APR94
..5315A30131*	15	15	0	P	SS	0	PREPARE DAA CHAPTER	19APR94	9MAY94
..5315A40050*	20	20	0	S	FS	0	REVISE RI SUMMARY IN TEXT	20APR94	17MAY94
..5315A40070*	10	10	0	S	FS	0	PREPARE QA APPENDIX	18MAY94	31MAY94
..5315A40105*	15	15	0	S	FS	0	PREPARE NEPA ANALYSIS CHAPTER	18MAY94	7JUN94
..5315A41201*	40	40	0	S	FS	0	PREPARE INTERNAL DRAFT PP DOCUMENT	21APR94	15JUN94
5315A40050	20	20	0			53	REVISE RI SUMMARY IN TEXT	20APR94	17MAY94
..5315A40001*	1	1	0	P	FS	0	PROGRAMATIC DECISION POINT	19APR94	19APR94
..5315A40108*	31	31	0	S	FS	0	PREPARE INTERNAL DRAFT	18MAY94	29JUN94
5315A40070	10	10	0			53	PREPARE QA APPENDIX	18MAY94	31MAY94
..5315A40001*	1	1	0	P	FS	0	PROGRAMATIC DECISION POINT	19APR94	19APR94
..5315A40108	31	31	0	S	SS	0	PREPARE INTERNAL DRAFT	18MAY94	29JUN94
5315A40105	15	15	0			53	PREPARE NEPA ANALYSIS CHAPTER	18MAY94	7JUN94
..5315A30125	30	30	0	P	FS	0	NEPA ANALYSIS	2DEC93	12JAN94
..5315A40001*	1	1	0	P	FS	0	PROGRAMATIC DECISION POINT	19APR94	19APR94
..5315A40108	31	31	0	S	SS	0	PREPARE INTERNAL DRAFT	18MAY94	29JUN94
5315A40108	31	31	0			53	PREPARE INTERNAL DRAFT	18MAY94	29JUN94
..5315A40050*	20	20	0	P	FS	0	REVISE RI SUMMARY IN TEXT	20APR94	17MAY94
..5315A40070	10	10	0	P	SS	0	PREPARE QA APPENDIX	18MAY94	31MAY94
..5315A40105	15	15	0	P	SS	0	PREPARE NEPA ANALYSIS CHAPTER	18MAY94	7JUN94
..5315A40109*	5	5	0	S	FS	0	INTERNAL REVIEW	30JUN94	6JUL94
5315A40109	5	5	0			53	INTERNAL REVIEW	30JUN94	6JUL94
..5315A40108*	31	31	0	P	FS	0	PREPARE INTERNAL DRAFT	18MAY94	29JUN94
..5315A40111*	10	10	0	S	FS	0	INCORPORATE INTERNAL REVIEW COMMENTS	7JUL94	20JUL94
5315A40111	10	10	0			53	INCORPORATE INTERNAL REVIEW COMMENTS	7JUL94	20JUL94
..5315A40109*	5	5	0	P	FS	0	INTERNAL REVIEW	30JUN94	6JUL94
..5315A41501*	1	1	0	S	FS	0	SUBMIT DRAFT TO DOE/WMCO	21JUL94	21JUL94
PROPOSED PLAN									
5315A41201	40	40	0			53	PREPARE INTERNAL DRAFT PP DOCUMENT	21APR94	15JUN94

RI/FS PROJECT SCHEDULES | PRIMAVERA PROJECT PLANNER | FERNALD ENVIRONMENTAL MGMT. PROJECT

REPORT DATE 12SEP91 14:50 RUN NO. 476 | Prepared by ASI/IT Corp. | START DATE 31OCT90 FIN DATE 4MAY01

SCHED REP - DETAILED PRECEDENCE ANALYSIS OU 5 | DATA DATE 10AUG91 PAGE NO. 39

ACTIVITY ID	ORIG DUR	REM DUR	%	CODE	ACTIVITY DESCRIPTION	LATE START	LATE FINISH
..5205A31341	21	21	0	P FS 0	DOE/WMCO REVIEW AND COMMENT	23MAR94	20APR94
..5205A52183	21	21	0	P FS 0	DOE/WMCO REVIEW AND COMMENT	23MAR94	20APR94
..5315A40001*	1	1	0	P FS 0	PROGRAMATIC DECISION POINT	19APR94	19APR94
..5315A41202*	10	10	0	S FS 0	COMMUNITY REL. REVIEW & COMMENT	16JUN94	29JUN94
..5315A41203*	5	5	0	S FS 0	INTERNAL REVIEW	23JUN94	29JUN94
5315A41202	10	10	0	53	COMMUNITY REL. REVIEW & COMMENT	16JUN94	29JUN94
..5315A41201*	40	40	0	P FS 0	PREPARE INTERNAL DRAFT PP DOCUMENT	21APR94	15JUN94
..5315A41208*	15	15	0	S FS 0	INCORPORATE FS/PP INTERNAL REVIEW COMMENTS	30JUN94	20JUL94
5315A41203	5	5	0	53	INTERNAL REVIEW	23JUN94	29JUN94
..5315A41201*	40	40	0	P FS 0	PREPARE INTERNAL DRAFT PP DOCUMENT	21APR94	15JUN94
..5315A41208	15	15	0	S FS 0	INCORPORATE FS/PP INTERNAL REVIEW COMMENTS	30JUN94	20JUL94
5315A41208	15	15	0	53	INCORPORATE FS/PP INTERNAL REVIEW COMMENTS	30JUN94	20JUL94
..5315A02100*	224	224	0	P FF 0	FEASIBILITY STUDY/PROP. PLN. REPORT PREPARATION	9SEP93	20JUL94
..5315A41202*	10	10	0	P FS 0	COMMUNITY REL. REVIEW & COMMENT	16JUN94	29JUN94
..5315A41203	5	5	0	P FS 0	INTERNAL REVIEW	23JUN94	29JUN94
..5315A41501	1	1	0	S FS 0	SUBMIT DRAFT TO DOE/WMCO	21JUL94	21JUL94
5315A41501	1	1	0	53	SUBMIT DRAFT TO DOE/WMCO	21JUL94	21JUL94
..5315A40111*	10	10	0	P FS 0	INCORPORATE INTERNAL REVIEW COMMENTS	7JUL94	20JUL94
..5315A41208	15	15	0	P FS 0	INCORPORATE FS/PP INTERNAL REVIEW COMMENTS	30JUN94	20JUL94
..5315A02500*	84	84	0	S SS 0	DOE FS/PP REVIEW/REVISE/APPROVE	21JUL94	15NOV94
..5315A41504*	21	21	0	S FS 0	DOE/WMCO REVIEW & COMMENT	22JUL94	19AUG94
..5319A50060*	21	21	0	S FS 0	PREPARE DECISION SUMMARY	29MAR95	26APR95
5315A41504	21	21	0	53	DOE/WMCO REVIEW & COMMENT	22JUL94	19AUG94
..5315A41501*	1	1	0	P FS 0	SUBMIT DRAFT TO DOE/WMCO	21JUL94	21JUL94
..5315A41516*	15	15	0	S FS 0	INCORPORATE DOE/WMCO COMMENTS/RESPONSE TO COMMEN	22AUG94	9SEP94
5315A41516	15	15	0	53	INCORPORATE DOE/WMCO COMMENTS/RESPONSE TO COMMEN	22AUG94	9SEP94
..5315A41504*	21	21	0	P FS 0	DOE/WMCO REVIEW & COMMENT	22JUL94	19AUG94
..5315A41517*	5	5	0	S FS 0	INTERNAL REVIEW/REPRO	12SEP94	16SEP94
5315A41517	5	5	0	53	INTERNAL REVIEW/REPRO	12SEP94	16SEP94
..5315A41516*	15	15	0	P FS 0	INCORPORATE DOE/WMCO COMMENTS/RESPONSE TO COMMEN	22AUG94	9SEP94
..5315A41535*	21	21	0	S FS 0	EM-1 REVIEW & APPROVE	19SEP94	17OCT94
5315A41535	21	21	0	53	EM-1 REVIEW & APPROVE	19SEP94	17OCT94
..5315A41517*	5	5	0	P FS 0	INTERNAL REVIEW/REPRO	12SEP94	16SEP94
..5315A41536*	21	21	0	S FS 0	INCORPORATE EM-1 COMMENTS	18OCT94	15NOV94
5315A41536	21	21	0	53	INCORPORATE EM-1 COMMENTS	18OCT94	15NOV94
..5315A02500*	84	84	0	P FF 0	DOE FS/PP REVIEW/REVISE/APPROVE	21JUL94	15NOV94

ACTIVITY ID	ORIG DUR	REM DUR	%	CODE	ACTIVITY DESCRIPTION	LATE START	LATE FINISH
..5315A41535*	21	21	0	P FS 0	EM-1 REVIEW & APPROVE	19SEP94	17OCT94
..5315A41605*	1	1	0	S FS 0	SUBMIT EPA DRAFT FS/PP	16NOV94	16NOV94
5315A41605	1	1	0	53	SUBMIT EPA DRAFT FS/PP	16NOV94	16NOV94
..5206A25720	5	5	0	P FF 0	PRINT AND DISTRIBUTE FINAL REPORT	10NOV94	16NOV94
..5315A41536*	21	21	0	P FS 0	INCORPORATE EM-1 COMMENTS	18OCT94	15NOV94
..5315A02600*	86	86	0	S SS 0	EPA FS/PP REVIEW/REVISE/APPROVE	16NOV94	15MAR95
..5315A41606*	42	42	0	S FS 0	EPA REVIEW & COMMENT	17NOV94	13JAN95
5315A41606	42	42	0	53	EPA REVIEW & COMMENT	17NOV94	13JAN95
..5315A41605*	1	1	0	P FS 0	SUBMIT EPA DRAFT FS/PP	16NOV94	16NOV94
..5315A41607*	15	15	0	S FS 0	INCORPORATE EPA COMMENTS/RESPONSE TO COMMENTS	16JAN95	3FEB95
..5317A42101*	15	15	0	S SS 0	DRAFT NOTICE OF AVAILABILITY (NOA)	24NOV94	14DEC94
5315A41607	15	15	0	53	INCORPORATE EPA COMMENTS/RESPONSE TO COMMENTS	16JAN95	3FEB95
..5315A41606*	42	42	0	P FS 0	EPA REVIEW & COMMENT	17NOV94	13JAN95
..5315A41608*	5	5	0	S FS 0	INTERNAL REVIEW/REPRO	6FEB95	10FEB95
5315A41608	5	5	0	53	INTERNAL REVIEW/REPRO	6FEB95	10FEB95
..5315A41607*	15	15	0	P FS 0	INCORPORATE EPA COMMENTS/RESPONSE TO COMMENTS	16JAN95	3FEB95
..5315A41609*	1	1	0	S FS 0	SUBMIT DRAFT FINAL REPORT TO DOE	13FEB95	13FEB95
5315A41609	1	1	0	53	SUBMIT DRAFT FINAL REPORT TO DOE	13FEB95	13FEB95
..5315A41608*	5	5	0	P FS 0	INTERNAL REVIEW/REPRO	6FEB95	10FEB95
..5315A41615*	1	1	0	S FS 0	SUBMIT DRAFT FINAL REPORT TO EPA	14FEB95	14FEB95
5315A41615	1	1	0	53	SUBMIT DRAFT FINAL REPORT TO EPA	14FEB95	14FEB95
..5315A41609*	1	1	0	P FS 0	SUBMIT DRAFT FINAL REPORT TO DOE	13FEB95	13FEB95
..5315A41620*	21	21	0	S FS 0	EPA REVIEW & APPROVAL	15FEB95	15MAR95
5315A41620	21	21	0	53	EPA REVIEW & APPROVAL	15FEB95	15MAR95
..5315A02600*	86	86	0	P FF 0	EPA FS/PP REVIEW/REVISE/APPROVE	16NOV94	15MAR95
..5315A41615*	1	1	0	P FS 0	SUBMIT DRAFT FINAL REPORT TO EPA	14FEB95	14FEB95
..5315A41710*	12	12	0	S FS 0	INCORPORATE EPA COMMENTS	16MAR95	31MAR95
5315A41710	12	12	0	53	INCORPORATE EPA COMMENTS	16MAR95	31MAR95
..5315A41620*	21	21	0	P FS 0	EPA REVIEW & APPROVAL	15FEB95	15MAR95
..5315A02700*	20	20	0	S SS 0	PRINT AND DIST FINAL FS/PP REPORT	16MAR95	12APR95
..5315A41715*	3	3	0	S FS 0	INTERNAL REVIEW	3APR95	5APR95
..5319A50595	21	21	0	S FS 0	EM-1 REVIEW, REVISE & APPROVE	4JUL95	1AUG95
5315A41715	3	3	0	53	INTERNAL REVIEW	3APR95	5APR95
..5315A41710*	12	12	0	P FS 0	INCORPORATE EPA COMMENTS	16MAR95	31MAR95
..5315A41720*	5	5	0	S FS 0	PRINT AND DIST FINAL REPORT	6APR95	12APR95

ACTIVITY ID	ORIG DUR	REM DUR	%	CODE	ACTIVITY DESCRIPTION	LATE START	LATE FINISH
PROPOSED PLAN							
5315A41720	5	5	0	53	PRINT AND DIST FINAL REPORT	6APR95	12APR95
..5315A02700*	20	20	0	P FF 0	PRINT AND DIST FINAL FS/PP REPORT	16MAR95	12APR95
..5315A41715*	3	3	0	P FS 0	INTERNAL REVIEW	3APR95	5APR95
..5318A40020*	5	5	0	S FS 0	ISSUE NOTICE TO PUBLIC	13APR95	19APR95
FS RISK ASSESSMENT							
5316A82161	15	15	0	53	INTEGRATE FINAL OU5 RA DATA	6JAN94	26JAN94
..5315A30102*	40	40	0	P SS 0	REVISE ALTERNATIVES	21OCT93	15DEC93
..5316A82100*	45	45	0	S SS 0	PREPARE OU5 UPDATE CUMULATIVE FSRA	6JAN94	9MAR94
..5316A82163*	5	5	0	S FS 0	UPDATE SITEWIDE RME	27JAN94	2FEB94
5316A82163	5	5	0	53	UPDATE SITEWIDE RME	27JAN94	2FEB94
..5316A82161*	15	15	0	P FS 0	INTEGRATE FINAL OU5 RA DATA	6JAN94	26JAN94
..5316A82165*	10	10	0	S FS 0	UPDATE EVAL OF CHEMICALS OF CONCERN	3FEB94	16FEB94
5316A82165	10	10	0	53	UPDATE EVAL OF CHEMICALS OF CONCERN	3FEB94	16FEB94
..5316A82163*	5	5	0	P FS 0	UPDATE SITEWIDE RME	27JAN94	2FEB94
..5316A82168*	5	5	0	S FS 0	UPDATE EVALUATION OF RISKS	17FEB94	23FEB94
5316A82168	5	5	0	53	UPDATE EVALUATION OF RISKS	17FEB94	23FEB94
..5316A82165*	10	10	0	P FS 0	UPDATE EVAL OF CHEMICALS OF CONCERN	3FEB94	16FEB94
..5316A82171*	10	10	0	S FS 0	UPDATE CUMULATIVE FS RA APPENDIX	24FEB94	9MAR94
5316A82171	10	10	0	53	UPDATE CUMULATIVE FS RA APPENDIX	24FEB94	9MAR94
..5316A82100*	45	45	0	P FF 0	PREPARE OU5 UPDATE CUMULATIVE FSRA	6JAN94	9MAR94
..5316A82168*	5	5	0	P FS 0	UPDATE EVALUATION OF RISKS	17FEB94	23FEB94
..5315A30128	28	28	0	S FS 0	COMPARATIVE ANALYSIS	10MAR94	18APR94
DRAFT NOTICE OF AVAILABILITY							
5317A42101	15	15	0	53	DRAFT NOTICE OF AVAILABILITY (NOA)	24NOV94	14DEC94
..5315A41606*	42	42	0	P SS 0	EPA REVIEW & COMMENT	17NOV94	13JAN95
..5317A42103*	30	30	0	S FS 0	DOE/HQ REVIEW AND COMMENT ON NOA	15DEC94	25JAN95
5317A42103	30	30	0	53	DOE/HQ REVIEW AND COMMENT ON NOA	15DEC94	25JAN95
..5317A42101*	15	15	0	P FS 0	DRAFT NOTICE OF AVAILABILITY (NOA)	24NOV94	14DEC94
..5317A42105*	15	15	0	S FS 0	INCORPORATE DOE/HQ NOA COMMENTS	26JAN95	15FEB95
5317A42105	15	15	0	53	INCORPORATE DOE/HQ NOA COMMENTS	26JAN95	15FEB95
..5317A42103*	30	30	0	P FS 0	DOE/HQ REVIEW AND COMMENT ON NOA	15DEC94	25JAN95
..5317A42107*	30	30	0	S FS 0	PRINT AND REPRODUCE NOA	16FEB95	29MAR95
5317A42107	30	30	0	53	PRINT AND REPRODUCE NOA	16FEB95	29MAR95
..5317A42105*	15	15	0	P FS 0	INCORPORATE DOE/HQ NOA COMMENTS	26JAN95	15FEB95
..5317A42109*	15	15	0	S FS 0	PUBLISH NOA	30MAR95	19APR95

ACTIVITY ID	ORIG DUR	REM DUR	%	CODE	ACTIVITY DESCRIPTION	LATE START	LATE FINISH
DRAFT NOTICE OF AVAILABILITY							
5317A42109	15	15	0	53	PUBLISH NOA	30MAR95	19APR95
..5317A42107*	30	30	0	P FS 0	PRINT AND REPRODUCE NOA	16FEB95	29MAR95
..5318A40030	32	32	0	S FS 0	PUBLIC COMMENT PERIOD	20APR95	2JUN95
FEASIBILITY STUDY							
5318A40020	5	5	0	53	ISSUE NOTICE TO PUBLIC	13APR95	19APR95
..5315A41720*	5	5	0	P FS 0	PRINT AND DIST FINAL REPORT	6APR95	12APR95
..5318A02100*	58	58	0	S SS 0	PUBLIC COMMENT	13APR95	3JUL95
..5318A40025*	32	32	0	S SS 0	EPA NEPA COORDINATOR EIS REVIEW	20APR95	2JUN95
..5318A40030*	32	32	0	S FS 0	PUBLIC COMMENT PERIOD	20APR95	2JUN95
5318A40025	32	32	0	53	EPA NEPA COORDINATOR EIS REVIEW	20APR95	2JUN95
..5318A40020*	5	5	0	P SS 0	ISSUE NOTICE TO PUBLIC	13APR95	19APR95
..5318A40100	21	21	0	S FS 0	EVAL & RESPOND TO PUBLIC COMMENTS	5JUN95	3JUL95
5318A40030	32	32	0	53	PUBLIC COMMENT PERIOD	20APR95	2JUN95
..5317A42109	15	15	0	P FS 0	PUBLISH NOA	30MAR95	19APR95
..5318A40020*	5	5	0	P FS 0	ISSUE NOTICE TO PUBLIC	13APR95	19APR95
..5318A40100*	21	21	0	S FS 0	EVAL & RESPOND TO PUBLIC COMMENTS	5JUN95	3JUL95
5318A40100	21	21	0	53	EVAL & RESPOND TO PUBLIC COMMENTS	5JUN95	3JUL95
..5318A02100*	58	58	0	P FF 0	PUBLIC COMMENT	13APR95	3JUL95
..5318A40025	32	32	0	P FS 0	EPA NEPA COORDINATOR EIS REVIEW	20APR95	2JUN95
..5318A40030*	32	32	0	P FS 0	PUBLIC COMMENT PERIOD	20APR95	2JUN95
..5319A50070*	0	0	0	S FS -1	INCORP RESPONSIVENESS SUMMARY		30JUN95
..5319A50550*	20	20	0	S SS 0	INCORP DOE/WMCO COMMENTS OU5 DRAFT ROD	5JUN95	30JUN95
DRAFT ROD							
5319A50060	21	21	0	53	PREPARE DECISION SUMMARY	29MAR95	26APR95
..5315A41501*	1	1	0	P FS 0	SUBMIT DRAFT TO DOE/WMCO	21JUL94	21JUL94
..5319A02100*	27	27	0	S SS 0	DRAFT ROD PREPARATION	29MAR95	4MAY95
.5319A50000*	269	269	0	S SS 0	RECORD OF DECISION	29MAR95	2AUG95
.5319A50071*	5	5	0	S SS 0	PREPARE DECLARATION	20APR95	26APR95
.5319A50100*	5	5	0	S FS 0	INTERNAL REVIEW	27APR95	3MAY95
5319A50070	0	0	0	53	INCORP RESPONSIVENESS SUMMARY		30JUN95
.5318A40100*	21	21	0	P FS -1	EVAL & RESPOND TO PUBLIC COMMENTS	5JUN95	3JUL95
.5319A50550*	20	20	0	S FF 0	INCORP DOE/WMCO COMMENTS OU5 DRAFT ROD	5JUN95	30JUN95
5319A50071	5	5	0	53	PREPARE DECLARATION	20APR95	26APR95
.5319A50060*	21	21	0	P SS 0	PREPARE DECISION SUMMARY	29MAR95	26APR95
.5319A50100	5	5	0	S FS 0	INTERNAL REVIEW	27APR95	3MAY95

RI/FS PROJECT SCHEDULES | PRIMAVERA PROJECT PLANNER | FERNALD ENVIRONMENTAL MGMT. PROJECT

REPORT DATE 12SEP91 14:50 RUN NO. 476 | Prepared by ASI/IT Corp. | START DATE 31OCT90 FIN DATE 4MAY01

SCHED REP - DETAILED PRECEDENCE ANALYSIS OU 5 | DATA DATE 10AUG91 PAGE NO. 43

ACTIVITY ID	ORIG DUR	REM DUR	%		CODE	ACTIVITY DESCRIPTION	LATE START	LATE FINISH
DRAFT ROD								
5319A50100	5	5	0		53	INTERNAL REVIEW	27APR95	3MAY95
..5319A50060*	21	21	0	P FS	0	PREPARE DECISION SUMMARY	29MAR95	26APR95
..5319A50071	5	5	0	P FS	0	PREPARE DECLARATION	20APR95	26APR95
..5319A50501*	1	1	0	S FS	0	SUBMIT DRAFT TO DOE/WMCO	4MAY95	4MAY95
5319A50501	1	1	0		53	SUBMIT DRAFT TO DOE/WMCO	4MAY95	4MAY95
..5319A02100*	27	27	0	P FF	0	DRAFT ROD PREPARATION	29MAR95	4MAY95
..5319A50100*	5	5	0	P FS	0	INTERNAL REVIEW	27APR95	3MAY95
..5319A01010*	0	0	0	S SS	0	DELIVER OU5 DRAFT ROD TO DOE	5MAY95	
..5319A02500*	243	243	0	S SS	0	DOE DRAFT ROD REVIEW/REVISE/APPROVE	4MAY95	2AUG95
..5319A50530*	21	21	0	S FS	0	DOE/WMCO REVIEW & COMMENT	5MAY95	2JUN95
5319A50530	21	21	0		53	DOE/WMCO REVIEW & COMMENT	5MAY95	2JUN95
..5319A01010	0	0	0	P FS	0	DELIVER OU5 DRAFT ROD TO DOE	5MAY95	
..5319A50501*	1	1	0	P FS	0	SUBMIT DRAFT TO DOE/WMCO	4MAY95	4MAY95
..5319A50550	20	20	0	S FS	0	INCORP DOE/WMCO COMMENTS OU5 DRAFT ROD	5JUN95	30JUN95
5319A50550	20	20	0		53	INCORP DOE/WMCO COMMENTS OU5 DRAFT ROD	5JUN95	30JUN95
..5318A40100*	21	21	0	P SS	0	EVAL & RESPOND TO PUBLIC COMMENTS	5JUN95	3JUL95
..5319A50070*	0	0	0	P FF	0	INCORP RESPONSIVENESS SUMMARY		30JUN95
..5319A50530	21	21	0	P FS	0	DOE/WMCO REVIEW & COMMENT	5MAY95	2JUN95
..5319A50560*	1	1	0	S FS	0	SUBMIT REVISED DRAFT TO DOE	3JUL95	3JUL95
5319A50560	1	1	0		53	SUBMIT REVISED DRAFT TO DOE	3JUL95	3JUL95
..5319A50550*	20	20	0	P FS	0	INCORP DOE/WMCO COMMENTS OU5 DRAFT ROD	5JUN95	30JUN95
..5319A50595*	21	21	0	S FS	0	EM-1 REVIEW, REVISE & APPROVE	4JUL95	1AUG95
5319A50595	21	21	0		53	EM-1 REVIEW, REVISE & APPROVE	4JUL95	1AUG95
..5315A41710	12	12	0	P FS	0	INCORPORATE EPA COMMENTS	16MAR95	31MAR95
..5319A50560*	1	1	0	P FS	0	SUBMIT REVISED DRAFT TO DOE	3JUL95	3JUL95
..5319A50600*	1	1	0	S FS	0	DOE SUBMIT OU5 EPA DRAFT ROD TO EPA	2AUG95	2AUG95
5319A50600	1	1	0		53	DOE SUBMIT OU5 EPA DRAFT ROD TO EPA	2AUG95	2AUG95
..5319A02500*	243	243	0	P FF	0	DOE DRAFT ROD REVIEW/REVISE/APPROVE	4MAY95	2AUG95
..5319A50000*	269	269	0	P FF	0	RECORD OF DECISION	29MAR95	2AUG95
..5319A50595*	21	21	0	P FS	0	EM-1 REVIEW, REVISE & APPROVE	4JUL95	1AUG95
..5319A01070*	0	0	0	S FF	0	DOE DELIVER OU5 DRAFT ROD TO EPA		2AUG95*

Activity Description Library

RI/FS Activity Description Library

Sept.12, 1991

Activity Data:

Activity ID	5203A02000
Activity Title	*OPERABLE UNIT RELATED FIELD ACTIVITIES*
Start	02-Jan-91A
Finish	15-Jan-93

Remaining Duration	375	Revision #	0
Total Float	128	Revision Date	12-Sep-91

Scope Description:

This is a hammock activity which includes all field activities required to complete characterization of the environmental medias: glacial overburden (soils), perched groundwaters, Great Miami Aquifer, and regional groundwaters. Included under this hammock are the following programs:

- 31-Well program
- Paddys Run Sampling
- 8 RCRA Wells
- 6-Well Program
- Water Level Measurements
- Auger Sampling
- Cable Sampling
- Miscellaneous Additional Wells

Assumptions:

Field activities will complete the definition of the nature and extent of contamination for the RI/FS.

Analytical laboratory turn-around times are six months.

No additional sampling will result from data validation.

All field activities must be completed to support the preparation of the RI report and alternative evaluation in the detailed analysis.

RI/FS Activity Description Library

Sept.12, 1991

Activity Data:

Activity ID	5203A02007		
Activity Title	*FACILITIES TESTING*		
Start	29-Mar-91A		
Finish	26-Mar-92		
Remaining Duration	164	Revision #	0
Total Float	340	Revision Date	12-Sep-91

Scope Description:

This is the hammock for completion of activities under the Production and Additional Suspect Area Work Plan and some follow-up sampling based on results of the initial sampling program. This includes: 10 hand-auger borings in the electrical substation for HSL metals and PCBs; eight soil borings around the KC-2 warehouse and the scrap metal pile; and developing and sampling 10 piezometers. Task includes collection, shipment and analysis of samples; data entry and data validation.

Assumptions:

Samples will meet laboratory screening criteria and can be shipped to the laboratory.

There will be 31 soil samples for PCBs and 10 for HSL metals.

There will be 10 water samples for HSL VOCs.

The piezometers will require two days each for development and sampling.

000400

RI/FS Activity Description Library

Sept.12, 1991

Activity Data:

Activity ID	5203A02010
Activity Title	*OU5 FIELD WORK 31 WELL PROGRAM*
Start	15-Mar-91A
Finish	31-Mar-92

Remaining Duration	167	Revision #	0
Total Float	351	Revision Date	12-Sep-91

Scope Description:

Install 19 high priority wells to define uranium in the groundwater plume boundaries at various locations. Twelve contingency wells are included to determine the vertical or lateral extent of the uranium plume if elevated levels of uranium are detected in the high priority wells. One high priority 2000-series well remains to be drilled.

Assumptions:

The data from sampling will require that no more than one additional contingency well be installed.

Property access will be attained by 9/1/91.

A 2000-series well drilled outside the production area and where the glacial overburden is not present requires four days for setup, drilling, casing installation, and rig decontamination. The 2000-series well remaining to be drilled is in this category.

A 3000-series well drilled inside the production area where the glacial overburden is present requires nine days.

Development of the 2000-series well outside the production area requires two days and 3000-series well within the production area requires four days.

Wells will be sampled once at the time of development and again two months later for full rad and general groundwater quality parameters.

RI/FS Activity Description Library

Sept.12, 1991

Activity Data:

Activity ID	**5203A02011**		
Activity Title	***OU5 FIELD WORK - PADDYS RUN SAMPLING***		
Start	**12-Aug-91**		
Finish	**26-Oct-92**		
Remaining Duration	**316**	Revision #	**0**
Total Float	**226**	Revision Date	**12-Sep-91**

Scope Description:

There will be 12 2000-series wells installed along Paddys Run to obtain water level measurements and water quality data. In addition, 12 3000-series wells are contingent upon what is found in the 2000-series wells. Stream discharge and seepage investigations will be conducted. Of the 12 2000-series wells, nine have been installed and three have been delayed due to land access problems. Water quality samples are being collected monthly from both the stream and aquifer from 39 wells and five surface water locations.

Assumptions:

Property access will be secured for the remaining three 2000-series wells by 8/1/91.

Only six of the 12 contingency wells will be required.

A 2000-series well drilled outside the Production Area and where the glacial overburden is not present requires four days for setup, drilling, casing installation, and rig decontamination. All of the 2000-series wells are in this category.

A 3000-series well drilled outside the Production Area and where the glacial overburden is not present requires seven days for setup, drilling, casing installation, and rig decontamination. All of the 3000-series wells are in this category.

Development of the 2000-series wells will require two days each; the 3000-series wells, three days each.

Samples will be collected from 39 wells monthly with an average of three samples collected per day. Six additional samples will be collected for QA purposes each month.

000402

RI/FS Activity Description Library

Sept.12, 1991

Activity Data:

Activity ID	5203A02012		
Activity Title	*OU5 FIELD WORK - 8 RCRA WELLS*		
Start	29-Mar-91A		
Finish	25-Feb-92		
Remaining Duration	142	Revision #	0
Total Float	357	Revision Date	12-Sep-91

Scope Description:

Install eight additional groundwater monitoring wells in locations required to satisfy RCRA requirements. The wells are located in the waste storage area and are to investigate the nature and extent of contamination in the glacial overburden and underlying aquifer. The wells include three 1000-series wells surrounding Pit 4, three 2000-series wells around Pit 4, one 2000-series well near the Clearwell to see if constituents detected in Well 1031 have reached the aquifer, and one 4000-series upgradient well. All wells have been installed. Two 1000-series wells require development and two rounds of sampling. Five other wells require completion of the second round of sampling.

Assumptions:

No additional wells will be required as a result of contamination being detected in these wells or due to validation efforts.

Water recharge rate will be adequate for completion of the development of the 1000-series wells. This development will require five days due to slow recharge rates. The initial sampling will be done as the final step in well development. The second sampling will require three days due to slow recharge rates. Second sampling will be approximately two months after well development and initial sampling.

The five other wells will require two days to sample.

Nine water samples will be sent to the laboratory for RCRA constituent analysis. Five additional samples will be shipped for QA and trip blanks.

RI/FS Activity Description Library

Sept.12, 1991

Activity Data:

Activity ID	5203A02013		
Activity Title	*QU5 FIELD WORK - 6 WELL PROGRAM*		
Start			
Finish	13-Jan-91A 22-Oct-91		
Remaining Duration	52	Revision #	0
Total Float	449	Revision Date	12-Sep-91

Scope Description:

Six off-FMPC property wells for RI/FS investigation were installed to further characterize the uranium plume and the Great Miami Aquifer. The wells have been sampled. Once the laboratory results have been received the data will be validated and entered in the RI/FS data base.

Assumptions:

Laboratory results will not indicate the need for additional, deeper, or lateral wells.

Laboratory turn-around times are six months.

No additional field work will be required due to validation efforts.

000404

RI/FS Activity Description Library

Sept.12, 1991

Activity Data:

Activity ID	5203A02014		
Activity Title	*OU5 FIELD WORK - WATER LEVEL MEASUREMENTS*		
Start	12-Aug-91		
Finish	19-Nov-92		
Remaining Duration	334	Revision #	0
Total Float	203	Revision Date	12-Sep-91

Scope Description:

To provide information to interpret the influence of groundwater recharge in areas under study in the FMPC RI/FS, it is necessary to conduct water level measurements in all wells and piezometers.

Assumptions:

Two-person crew working half time to measure water levels in approximately 212 wells and 175 piezometers each month.

New wells and piezometers are added to the monthly monitoring program as they are completed.

The information collected under this program will be used as available at the time of preparation of the RI report (i.e. this not a critical path activity).

RI/FS Activity Description Library

Sept.12, 1991

Activity Data:

Activity ID	5203A02017		
Activity Title	*OU5 FIELD WORK - AUGER SAMPLING*		
Start	12-Aug-91		
Finish	15-Jan-93		
Remaining Duration	375	Revision #	0
Total Float	128	Revision Date	12-Sep-91

Scope Description:

Conduct soil sampling with standard hollow stem auger drilling equipment to determine the vertical and lateral extent of contamination identified as present during the Production and Additional Suspect area program. The areas to be investigated include: the Fire Training area, nine borings; the Waste Water Treatment Plant, 11 borings; the Administration Building area, nine borings; the pipelines from the Clearwell to MH 175, 17 borings; the Biod Surge Lagoon and tanks, seven borings; the Plant 1 Pad area, 14 borings; and the Storm Water Retention Basin, seven borings. In addition 14 shallow auger borings will be sampled in and around the Plant 1 Pad. Because of the need to drill through the pad the auger drill will be used to collect these samples. In addition to the auger samples, 12 water samples will be collected from six existing piezometers.

Assumptions:

Approximately 51 borings will hit water and require piezometers.

Weather conditions will not result in excessive delays.

Auger borings within the Production Area require three days for setup, drilling, piezometer installation, and rig decontamination. There are 15 borings within the Production Area.

Auger borings within the Waste Storage Area require five days for setup, drilling, piezometer installation, and rig decontamination. There are 16 borings in the Waste Storage Area.

Auger borings outside the Production Area require two days for setup, drilling, piezometer installation, and rig decontamination. There are 14 borings outside the Production Area.

Two auger rigs will be working concurrently to complete this program.

Four of the borings around the biodenitrification surge lagoon will be completed as 4-inch stainless steel monitoring wells to be used in the RCRA program.

Assumed Soil Analysis (Parameter - Number of Samples):

Full Rad - 154
Total U & Th - 262
Full HSL - 79
HSL VOC only - 34
Tc-99 - 44

000406

RI/FS Activity Description Library

Sept.12, 1991

Assumed Water Samples (Parameter - Number of Samples):

Total U - 77
Full Rad - 105
Full HSL - 49
HSL VOC - 70
General Water Qual - 94
Tc-99 - 34
Nitrates - 22

RI/FS Activity Description Library

Sept.12, 1991

Activity Data:

Activity ID	**5203A02018**		
Activity Title	***OU5 FIELD WORK - CABLE SAMPLING***		
Start	**27-Dec-91**		
Finish	**06-Nov-92**		
Remaining Duration	**226**	Revision #	**0**
Total Float	**176**	Revision Date	**12-Sep-91**

Scope Description:

Install 2000-series monitoring wells to determine vertical extent of contamination in the aquifer under the Production Area and Waste Storage Area effluent lines. This includes four wells along the line from the Clearwell to MH 175, four wells along the effluent line between MH 175 and MH 180, four wells around the biodenitrification retention basin and tanks and one well at the storm water surge lagoon. Each well will be sampled at the time the well is developed and again two months later to confirm the initial results.

Assumptions:

Property access for the wells in the MH 175 to MH 180 area will be secured as indicated in Level A schedule.

Existing H & S plans will suffice for this work.

Installation of a 2000-series well within the Waste Storage Area requires seven days for setup, drilling, casing installation, and rig decontamination. There are seven wells within the Production and Waste Storage Area.

Installation of a 2000-series well outside the Production Area where the glacial overburden is present will require six days for setup, drilling, casing installation, and rig decontamination. There are six wells outside the Production Area to be installed.

Well development inside the Production Area requires four days and outside the Production Area requires two days.

Sample Analysis (Parameter - Number of Samples):

General Groundwater Qual - 26
Full Rad - 13
Full HSL - 13
Total U - 13

Approximately three 2000-series wells can be sampled per day with a two-man sampling team.

000408

RI/FS Activity Description Library

Sept.12, 1991

Activity Data:

Activity ID	5203A02023
Activity Title	*OU5 FIELD WORK - MISC. ADDITIONAL WELLS*
Start	02-Jan-91A
Finish	07-Oct-92

Remaining Duration	303	Revision #	0
Total Float	206	Revision Date	12-Sep-91

Scope Description:

The proposed wells will be used to define boundaries of the uranium plume in the following areas:

Three 2000-series and 3000-series well pairs to define the eastern extent of contamination south and east of the Storm Sewer Outfall Ditch.

Two 2000-series wells to determine if the Inactive Fly Ash Pile is a source of uranium to the aquifer.

Three 2000-series and 3000-series well pairs east of Plant 6 and northwest of the Sewage Treatment Plant to determine the eastern boundary of the Plant 6 uranium plume.

Four 1000-series wells around well Location 013 to determine if perched water is present in the glacial overburden and if it is the periodic source of uranium in Wells 3013 and 4013.

A contingency 2000-series and 3000-series well pair east of well Location 013 if uranium is not found in the four 1000 series wells. This well pair will be used to confirm data from the current wells at Location 013.

A 2000-series, 3000-series and 4000-series well cluster east of the Fire Training Area to determine if contamination from the waste pits has migrated this far east.

A 2000-series and 3000-series well pair north of the Fire Training Area to determine the northern boundary of the uranium migrating from the waste pit area.

A 2000-series and 3000-series well pair along the northern edge of the FMPC to determine depth to bedrock and background water quality upgradient of the waste pits and Production Area.

All wells will be sampled twice for full rad and general groundwater quality parameters as defined in the RI/FS Work Plan, March 1988. Each well will be sampled at the time it is developed and again approximately two months later to determine if the sample data are consistent.

Assumptions:

2-cable tool rigs available.

2-development well rigs available.

Nine days to complete water sampling on all 27 wells.

A 1000-series well inside the Production Area at Location 013 will require three days for setup, drilling, well installation, and rig decontamination.

A 2000-series well outside the Production Area requires seven days for setup, drilling, installation of well casing, and rig decontamination.

A 3000-series well outside the Production Area where the glacial overburden is present requires eight days for setup, drilling, well installation, and rig decontamination.

A 4000-series well outside the Production Area requires 12 days for setup, drilling, well installation, and rig decontamination.

Well development and sampling of a 1000-series well inside the Production Area requires four days.

Well development and sampling of a 2000-series, 3000-series and 4000-series well outside the Production Area requires two, four, and six days respectively.

A total of 54 samples will be collected plus approximately eight trip blanks and eight QA samples. All analyses will be for full rad and general water quality parameters as defined in the RI/FS Work Plan, March 1988.

RI/FS Activity Description Library

Sept.12, 1991

Activity Data:

Activity ID	5205A02000		
Activity Title	*TREATABILITY STUDIES*		
Start	12-Aug-91		
Finish	11-Jun-93		
Remaining Duration	480	Revision #	0
Total Float	93	Revision Date	12-Sep-91

Scope Description:

This is a schedule hammock including project authorization; subcontractor procurement; work plan preparation for soil washing and vitrification/stabilization; review and approval of the work plan by DOE and subsequently by U.S. EPA and OEPA; receipt of samples; treatability tests and analysis; preparation of treatability final reports; and review of treatability reports by DOE, U.S. EPA and OEPA.

Assumptions:

OU5 treatability studies are modified to incorporate former OU3 soils testing.

Timely approval of work plans.

Treatability cannot begin until samples are received. Samples will be taken during the field investigation.

Delays in the field investigation will necessarily delay the treatability studies.

Full use of TCLP and a modified ANSI/ANS 16.1-1986 will only be used in the bench scale study.

Use of a modified TCLP and ANSI/ANS 16.1-1986 are acceptable to U.S. EPA.

An approximately 120-page Treatability Study Work Plan and a 40-page Work Plan will be prepared.

An approximately 150-page Treatability Study Analytical Results report will be prepared for vitrification/solidification.

An approximately 40-page Treatability Study Report will be prepared for soil washing.

A schedule window is available at the laboratory to accomodate the schedule dates. Delays may occur if schedule lab start is not achieved.

An approximately 120 page Treatability Study
Completion of treatability testing is necessary to evaluate alternatives during the detailed analysis.

RI/FS Activity Description Library

Sept.12, 1991

Activity Data:

Activity ID	**5206A01010**
Activity Title	***DELIVER DRAFT OU5 RI TO DOE***
Start	
Finish	**25-Aug-93**

Remaining Duration		Revision #	**0**
Total Float	**133**	Revision Date	**12-Sep-91**

Scope Description:

This is a milestone that denotes delivery of the completed review draft of RI Report to DOE.

Assumptions:

N/A

000412

RI/FS Activity Description Library

2297

Sept.12, 1991

Activity Data:

Activity ID	5206A01020
Activity Title	*DELIVER DRAFT OU5 RI TO EPA*
Start	
Finish	21-Dec-93

Remaining Duration		Revision #	0
Total Float	133	Revision Date	12-Sep-91

Scope Description:

This is a milestone that denotes delivery of a completed draft of the RI Report to Ohio EPA and U.S. EPA.

Assumptions:

N/A

000413

RI/FS Activity Description Library

Sept.12, 1991

Activity Data:

Activity ID	**5206A02100**		
Activity Title	***REMEDIAL INVESTIGATION REPORT PREPARATION***		
Start	**18-Jan-93**		
Finish	**24-Aug-93**		
Remaining Duration	**157**	Revision #	**0**
Total Float	**126**	Revision Date	**12-Sep-91**

Scope Description:

This is a schedule hammock including all activities associated with preparation of the OU5 RI report and Baseline Risk Assessment. An RI report will be prepared following the outline suggested in the U.S. EPA Guidance for Conducting Remedial Investigations and Feasibility Studies Under CERCLA (Directive 9355.3-01) and the Human Health Evaluation Manual (EPA/540/1-89/002). Whenever possible the RI Report will utilize material already prepared in support of the RI report which was underway prior to finalizing the new consent agreement. Approximately 60% of the data which will be available has been reviewed and incorporated into existing reports. Major sections include:

Introduction
Study Area Investigation
Physical Characteristics of the Study Area
Nature and Extent of Contamination
Contaminant Fate and Transport
Baseline Risk Assessment
Appendices as required

The scope of the OU5 RI includes all soils, groundwater, surface water/sediments, flora/fauna, and air. RI preparation will include the integration of the existing OU3, OU5, and Groundwater Reports as well as the interpretation and integration of thousands of new analytical results derived from the additional site characterization proposed for OU5. Additionally, groundwater modeling for current conditions is included within the scope of OU5. Specific schedule activities include obtaining validated analysis from field work, revising the site characterization, and preparing the draft RI report for review.

Assumptions:

Data provided from the previous characterization studies completed by ASI/IT, in addition to data collected from the additonal sampling activities, will be sufficient to completely characterize OU5.

Risk assessment methodology to be used in developing the report is approved by U.S. EPA prior to report preparation.

Data validation is completed prior to report preparation.

No delays in sample collection or in obtaining data from the laboratory.

Integration of existing OU3 and OU5 RI reports can begin prior to completion of additional field work.

000414

RI/FS Activity Description Library

Sept.12, 1991

15 volumes per report at 500 pages per volume.

RI/FS Activity Description Library

Sept.12, 1991

Activity Data:

Activity ID	**5206A02500**		
Activity Title	***DOE RI REVIEW/REVISE/APPROVE***		
Start	**25-Aug-93**		
Finish	**20-Dec-93**		
Remaining Duration	**84**	Revision #	**0**
Total Float	**133**	Revision Date	**12-Sep-91**

Scope Description:

This is a schedule hammock including all activities associated with DOE and DOE contractor review, comment resolution, and revision of the RI report. The draft document is reviewed by DOE-FSO. Comments are prepared and submitted to ASI/IT for response to comments and document revision, as appropriate. The document follows this same process through DOE-HQ and DOE-EM1 review levels. Each cycle requires a response to comments document in addition to a revised draft document. Meetings are held periodically to resolve comments.

Assumptions:

DOE-HQ review will follow DOE-FSO review.

Comments are reviewed and screened by integrating contractor before submittal to ASI/IT.

Comments do not require significant changes in technical content and format.

Comments do not exceed 100 in number in any review cycle.

000416

RI/FS Activity Description Library

Sept.12, 1991

Activity Data:

Activity ID	5206A02600		
Activity Title	*EPA RI REPORT REVIEW/REVISE/APPROVE*		
Start	21-Dec-93		
Finish	15-Apr-94		
Remaining Duration	84	Revision #	0
Total Float	133	Revision Date	12-Sep-91

Scope Description:

This is a schedule hammock including all activities associated with U.S. EPA and OEPA review, comment resolution, report revision, and approval for the RI report. Comments are prepared and transmitted to ASI/IT for resolution and appropriate revision of the text. A formal response to comments document is also prepared, which includes an individual response to each comment. The revised text is again submitted to U.S. EPA and OEPA for final review and approval. Any additional comments are transmitted to DOE for response and text revision before final printing of the RI Report. Meetings are held periodically to resolve comments.

Assumptions:

The EPA review/approval process will require at least two iterative reviews to obtain EPA approval of the document.

Review follows standard primary document review cycle as defined by the consent agreement.

Comments do not require significant changes in technical content and format.

No dispute resolution required.

RI/FS Activity Description Library

Sept.12, 1991

Activity Data:

Activity ID	5206A02700		
Activity Title	*PRINT AND DIST FINAL REPORT*		
Start	18-Apr-94		
Finish	13-May-94		
Remaining Duration	20	Revision #	0
Total Float	133	Revision Date	12-Sep-91

Scope Description:

This is a schedule hammock consisting of a series of activities associated with final assembly, printing, binding, and mailing/delivering the approved RI report. Final comment responses are prepared for U.S. EPA and OEPA comments. The document is revised based upon EPA's comments and is given an internal review by ASI/IT before final printing. Copies are printed, collated, and boxed for shipping. Copies will be delivered to the Administrative Record.

Assumptions:

Print and distribute 65 copies.

U.S. EPA approval of the draft final RI report is required before initiation of this activity.

000418

RI/FS Activity Description Library

Sept.12, 1991

Activity Data:

Activity ID	5312A02100		
Activity Title	*INITIAL SCREENING OF ALTERNATIVES*		
Start	12-Aug-91		
Finish	20-Dec-91		
Remaining Duration	95	Revision #	0
Total Float	260	Revision Date	12-Sep-91

Scope Description:

This is a schedule hammock including the following activities:

Revision of Remedial Action Objectives
Revision of General Response Activities
Revision of Process Options and Screening of Technologies
Revision of Process Option Evaluations
Modification of Alternatives
Update of ARARs
Revision of Alternative Cost Estimates
Revision of Alternative Screening

The existing Final OU5 ISA report will be modified to incorporate ten additional alternatives regarding soils and perched groundwater developed within the OU3 ISA and incorporate other changes as agreed to as part of the OU3 dispute resolution. The draft Initial Screening document will undergo an internal review by ASI/IT for technical and editorial correctness before submittal to DOE. The reproduction of reports is also a part of this activity.

Assumptions:

ISA can begin immediately and data from additional field investigations and treatability studies do not impact its completion.

Scope of OU5 has been modified to include all soils and perched groundwater not addressed in other operable units.

RI/FS Activity Description Library

Sept.12, 1991

Activity Data:

Activity ID	**5312A02500**		
Activity Title	***DOE ISA REVIEW/REVISE/APPROVE***		
Start	**23-Dec-91**		
Finish	**16-Apr-92**		
Remaining Duration	**84**	Revision #	**0**
Total Float	**260**	Revision Date	**12-Sep-91**

Scope Description:

This is a schedule hammock including all activities necessary for DOE to review and comment on the Initial Screening of Alternatives (ISA) through three review cycles (DOE-FSO, DOE-HQ, and DOE-EM1). Each revision cycle includes preparation of a revised document and a comment response document. Meetings will be held throughout this review process to address comment resolution. Each phase of document revision includes an internal review of the document by ASI/IT as well as the printing and distribution of the documents.

Assumptions:

Comments do not significantly alter technical direction of project and no new alternatives are identified.

Comments have been screened and organized by integrating contractor prior to submittal to ASI/IT.

Comments do not exceed 100 in number for any review cycle.

000420

RI/FS Activity Description Library

Sept.12, 1991

Activity Data:

Activity ID	5312A02600		
Activity Title	*EPA ISA REVIEW/REVISE/APPROVE*		
Start	17-Apr-92		
Finish	12-Aug-92		
Remaining Duration	84	Revision #	0
Total Float	260	Revision Date	12-Sep-91

Scope Description:

This activity is a schedule hammock including all activities necessary for U.S. EPA and OEPA to review and comment on the Initial Screening of Alternatives through two review cycles. This activity will begin by submitting an initial draft of the ISA to both U.S. EPA and OEPA for review. Review comments will be submitted to ASI/IT via DOE. Each revision cycle includes document revision and preparation of a response to comments document. Meetings will be held throughout the review process to address comment resolution. Each document revision also includes an internal ASI/IT review before submittal as well as the printing and distribution of the documents.

Assumptions:

EPA review/approval process will require at least two iterative reviews to obtain EPA approval of the document.

Review follows standard primary document review cycle as defined by the consent agreement.

Comments do not require significant changes in technical content and format; and no new alternatives are developed.

No dispute resolution is required.

U.S. EPA approval of the ISA is required prior to finalization of the detailed analysis of alternatives.

RI/FS Activity Description Library

Sept.12, 1991

Activity Data:

Activity ID	5312A02700		
Activity Title	*PRINT AND DISTRIBUTE FINAL ISA REPORT*		
Start	13-Aug-92		
Finish	09-Sep-92		
Remaining Duration	20	Revision #	0
Total Float	260	Revision Date	12-Sep-91

Scope Description:

This is a schedule hammock including all activities necessary to publish the final Initial Screening of Alternatives document. This activity includes incorporation of U.S. EPA and OEPA final comments on the ISA. This activity will end with the printing and distributing of the ISA. The document is revised based upon EPA's comments and is given an internal review by ASI/IT before printing and distribution of the document. Copies are printed, collated, and boxed for shipping. Copies will be delivered to the Administrative Record.

Assumptions:

Distribute 65 copies.

000422

RI/FS Activity Description Library

Sept.12, 1991

Activity Data:

Activity ID	5315A02100		
Activity Title	*FEASIBILITY STUDY/PROP. PLN. REPORT PREPARATION*		
Start	14-Jul-93		
Finish	23-May-94		
Remaining Duration	224	Revision #	0
Total Float	41	Revision Date	12-Sep-91

Scope Description:

This hammock includes all activities necessary to prepare the Detailed Analysis of Alternatives, the Feasibility Study and the Proposed Plan as defined in OSWER Directives 9355.3-01 and 9355.3-02. The detailed analysis of alternatives will be conducted first. This includes further definition of alternatives as required by additional site characterization, treatability studies, and changes in the OU5 scope. Additionally, each alternative will undergo an assessment and summary profile against nine evaluation critera within the three main categories of effectiveness, implementability, and cost. Groundwater modeling runs will also be revised to account for additional data as well as impacts of the revised South Plume removal action. Fate and transport modeling is also conducted. The FS cumulative risk assessment will be revised based on the selected alternative. This assessment will be included as a separate index.

Once the individual analyses are completed, a comparative analysis among the alternatives will be conducted to assess the relative performance of each alternative. The compilation of the Initial Screening of Alternatives, the Detailed Analysis, Comparative Analysis, NEPA Analysis and Risk Assessment will be the final task in preparing the FS report. The FS will undergo internal ASI/IT technical and editorial review. After the FS report is complete the preparation of the Proposed Plan begins. The Proposed Plan is intended to summarize key information including the following components:

-Identification of preferred alternative
-Rationale for selection of preferred alternative
-Site description
-Operable Unit description
-Role of the community in the CERCLA process

Final internal ASI/IT review by Community Relations, technical staff and technical editiorial staff, and QA/QC staff before submittal to DOE. The FS and PP will be submitted together.

Assumptions:

The Detailed Analysis will not be submitted as a secondary document, but will instead become a chapter of the FS report.

Operable Unit 5 scope is revised to include all soils and perched groundwater.

Number of alternatives evaluated within the FS include the nine identified within the OU5 ISA report, plus an additional 10 from the incorporation of OU3 perched water and soils into OU5.

Determination of FS evaluation criteria must be available for any on-site disposal facility prior to initiation of the FS.

FS document includes 250 pages of text, 60 figures, and five appendices.

Treatability Studies and ARARs determination are complete before initiation of FS.

Cost estimates provide accuracy of +50%/-30%.

Proposed Plan is prepared as a stand-alone document.

The work plan addendum addressing risk assessment methodology will be approved prior to the initiation of risk assessment activities.

RI/FS Activity Description Library

Sept.12, 1991

Activity Data:

Activity ID	**5315A02500**
Activity Title	***DOE FS/PP REVIEW/REVISE/APPROVE***
Start	**25-May-94**
Finish	**19-Sep-94**

Remaining Duration	**84**	Revision #	**0**
Total Float	**41**	Revision Date	**12-Sep-91**

Scope Description:

This is a schedule hammock including all activities associated with DOE and DOE contractor review, comment resolution and revision of the OU5 Feasibility Study and Proposed Plan report. The draft document is reviewed by DOE-FSO. Comments are prepared and submitted to ASI/IT for response to comments and document revison, as appropriate. The document follows this same process through DOE-HQ and DOE-EM1 review levels. Each cycle requires a response to comments document in addition to a revised draft document. Meetings are held periodically to resolve comments.

Assumptions:

DOE-HQ review will follow DOE-FSO review.

Comments are reviewed and screened by integrating contractor before submittal to ASI/IT.

Comments do not exceed 100 in number in any review cycle.

Comments do not require significant changes in technical content and format.

RI/FS Activity Description Library

Sept.12, 1991

Activity Data:

Activity ID	**5315A02600**		
Activity Title	***EPA FS/PP REVIEW/REVISE/APPROVE***		
Start	**20-Sep-94**		
Finish	**17-Jan-95**		
Remaining Duration	**86**	Revision #	**0**
Total Float	**41**	Revision Date	**12-Sep-91**

Scope Description:

This activity is a schedule hammock including all activities associated with U.S. EPA and OEPA review, comment resolution, report revision, and approval for the OU5 Feasibility Study and Proposed Plan report. Comments are prepared and transmitted to ASI/IT for resolution and appropriate revision of the text. A formal response to comments document is prepared, which includes an individual response to each comment. The revised text is again submitted to U.S. EPA and OEPA for final review and approval. Additional comments are transmitted to DOE for response and text revision before final printing of the FS/PP report. Meetings are held periodically to resolve comments.

Assumptions:

The EPA review/approval process will require at least two iterative reviews to obtain EPA approval of the document.

Review follows standard primary document review cycle as defined by the consent agreement.

Comments do not require significant changes in technical content and format.

No dispute resolution required.

000426

RI/FS Activity Description Library

Sept.12, 1991

Activity Data:

Activity ID	5315A02700		
Activity Title	*PRINT AND DIST FINAL FS/PP REPORT*		
Start	18-Jan-95		
Finish	14-Feb-95		
Remaining Duration	20	Revision #	0
Total Float	41	Revision Date	12-Sep-91

Scope Description:

This is a schedule hammock including all activities associated with final assembly, printing, binding, and mailing/delivering the approved Feasibility Study and Proposed Plan report. Final comment responses are prepared for U.S. EPA and OEPA comments. The document is revised based upon EPA's comments and is given an internal review by ASI/IT before final printing. Copies are printed, collated, and boxed for shipping. Copies will be delivered to the Administrative Record.

Assumptions:

Print and distribute 100 copies.

Requests under NEPA for copies of the FS-EIS will not exceed 35 copies.

U.S. EPA approval of the Proposed Plan is required prior to initiation of the public comment period.

RI/FS Activity Description Library

Sept.12, 1991

Activity Data:

Activity ID	**5318A02100**		
Activity Title	***PUBLIC COMMENT***		
Start	**15-Feb-95**		
Finish	**05-May-95**		
Remaining Duration	**58**	Revision #	**0**
Total Float	**41**	Revision Date	**12-Sep-91**

Scope Description:

This is a schedule hammock which includes all activities associated with providing the public with an opportunity to comment on the Proposed Plan, as required and defined by the NCP. A notice will be prepared and printed in a major local newspaper and the Federal Register (a NEPA requirement) to inform the public of the availability of the Proposed Plan for their review and to provide a brief analysis of its contents. This notice will solicit written comments and announce a public meeting. Upon receipt of all comments, a responsiveness summary will be prepared that discusses significant comments, criticisms, and new relevant information submitted during the public comment period.

Assumptions:

Public comment period is 45 calendar days to accomodate the requirements of NEPA.

Public meeting is held near the CERCLA site.

Community Relations staff will assist in the preparation of the PP to assure it is written to be understandable by a knowledgeable public.

U.S. EPA approval of the Proposed Plan is required before initiation of this activity.

The responsiveness summary will be included in the draft ROD.

000428

RI/FS Activity Description Library

Sept.12, 1991

Activity Data:

Activity ID	5319A01010
Activity Title	*DELIVER OU5 DRAFT ROD TO DOE*
Start	
Finish	01-Jul-94

Remaining Duration		Revision #	0
Total Float	220	Revision Date	12-Sep-91

Scope Description:

This milestone consists of delivering the Draft ROD to DOE and the integrating contractor for review and comment.

Assumptions:

RI/FS Activity Description Library

Sept.12, 1991

Activity Data:

Activity ID	5319A01070		
Activity Title	*DOE DELIVER OU5 DRAFT ROD TO EPA*		
Start			
Finish	06-Jun-95		
Remaining Duration		Revision #	0
Total Float	41	Revision Date	12-Sep-91

Scope Description:

This milestone consists of DOE delivering the Draft ROD to U.S. EPA and OEPA for review and approval.

Assumptions:

000430

RI/FS Activity Description Library

2297

Sept.12, 1991

Activity Data:

Activity ID	5319A02100		
Activity Title	*DRAFT ROD PREPARATION*		
Start	26-May-94		
Finish	01-Jul-94		
Remaining Duration	27	Revision #	0
Total Float	219	Revision Date	12-Sep-91

Scope Description:

This is a schedule hammock including preparation of a draft ROD as defined by OSWER Directive 9355.3-02 for DOE review, approval and submittal to U.S. EPA. The draft ROD includes the following:

Declaration Statement containing description of selected remedy.

Decision Summary providing an overview of the site-specific factors and analysis supporting the selection of alternatives.

Responsiveness summary, addressing comments received during the public comment period, will be issued as part of the ROD.

Assumptions:

Extensive public comments will require response.

No pre-ROD significant changes resulting from public comments.

Regulatory, community relations and legal support are required.

The public comment period must be completed before finalization of the draft ROD.

RI/FS Activity Description Library

Sept.12, 1991

Activity Data:

Activity ID	5319A02500		
Activity Title	*DOE DRAFT ROD REVIEW/REVISE/APPROVE*		
Start	01-Jul-94		
Finish	06-Jun-95		
Remaining Duration	243	Revision #	0
Total Float	219	Revision Date	12-Sep-91

Scope Description:

This is a schedule hammock including DOE review of the draft ROD at three levels: DOE-FSO, DOE-HQ, DOE-EM1. The draft ROD is revised to incorporate DOE comments through three review cycles and the associated comment response documents are prepared. Each document revision also includes an internal ASI/IT review before resubmittal, as well as the printing and distribution of the documents. Meetings are held periodically to resolve comments.

Assumptions:

Comments do not significantly alter technical direction of project.

Comments are reviewed and screened by the integrating contractor prior to submittal to ASI/IT.

000432

RI/FS Activity Description Library

Sept.12, 1991