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Liquid Effluents 1994 Fiscal Year Work Plan

WBS 1.2.2.1

Date Published
August 1993

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Prepared for the U.S. Department of Energy

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Hanford Company**

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Richland, Washington 99352

Hanford Operations and Engineering Contractor for the
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WHC-FYWP-1994-LEP Rv. 0
Liquid Effluent Program
WBS# 1.2.2.1

A.0 Fiscal Year 1994 Work Plan Authorization

PROGRAM
1994 FISCAL YEAR
WORK PLAN

APPROVALS:

for per Telcom 12/22/93 Date
T. B. Veneziano, Manager
Liquid Effluents Programs

for 12/22/93 Date
A. J. Diliberto, Manager
Effluent Treatment Programs

for DCB 12/22/93 Date
D. C. Bryson, RL Program Manager

12/22/93 Date
J. M. Hennig, RL Division Director
Contracting Officer Representative (DD-COR)
U. S. Department of Energy, Richland Operations Office

12/22/93 Date
J. R. Hunter, RL Assistant Manager
Contracting Officer Representative (AM-COR)
U. S. Department of Energy, Richland Operations Office

Date Received: <i>1/3/93 KMB</i>		INFORMATION RELEASE REQUEST		Reference: WHC-CM-3-4													
Complete for all Types of Release																	
Purpose ☐ Speech or Presentation ☐ Full Paper (Check only one suffix) ☐ Summary ☐ Abstract ☐ Visual Aid ☐ Speakers Bureau ☐ Poster Session ☐ Videotape			☐ Reference ☐ Technical Report ☐ Thesis or Dissertation ☐ Manual ☐ Brochure/Flier ☐ Software/Database ☐ Controlled Document ☒ Other Fiscal Year Work Plan														
			ID Number (include revision, volume, etc.) WHC-SP-1028														
			List attachments. None														
			Date Release Required														
Title Liquid Effluents 1994 Fiscal Year Work Plan			Unclassified Category UC-		Impact Level 4												
New or novel (patentable) subject matter? ☒ No ☐ Yes If "Yes", has disclosure been submitted by WHC or other company? ☐ No ☐ Yes Disclosure No(s).			Information received from others in confidence, such as proprietary data, trade secrets, and/or inventions? ☒ No ☐ Yes (Identify)														
Copyrights? ☒ No ☐ Yes If "Yes", has written permission been granted? ☐ No ☐ Yes (Attach Permission)			Trademarks? ☒ No ☐ Yes (Identify)														
Complete for Speech or Presentation																	
Title of Conference or Meeting			Group or Society Sponsoring														
Date(s) of Conference or Meeting		City/State		Will proceedings be published? ☐ Yes ☐ No Will material be handed out? ☐ Yes ☐ No													
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CHECKLIST FOR SIGNATORIES																	
Review Required per WHC-CM-3-4		Yes	No	Reviewer - Signature Indicates Approval													
				Name (printed)	Signature Date												
Classification/Unclassified Controlled Nuclear Information		☐	☒														
Patent - General Counsel		☐	☒														
Legal - General Counsel		☐	☒														
Applied Technology/Export Controlled Information or International Program		☐	☒														
WHC Program/Project		☐	☒														
Communications		☐	☒														
RL Program/Project		☐	☒														
Publication Services		☐	☒														
Other Program/Project		☐	☒														
Information conforms to all applicable requirements. The above information is certified to be correct.																	
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F.L. Ashworth, Jr. <i>[Signature]</i>	12-13-93																
Intended Audience ☐ Internal ☒ Sponsor ☐ External Responsible Manager (Printed/Signature) Date A.J. DiLiberto <i>[Signature]</i> 12-13-93				<div style="text-align: center;"> </div> <div style="text-align: right; margin-top: 20px;"> <i>For Sponsor Release</i> </div>													
				Date Cancelled	Date Disapproved												

WHC-FYWP-1994-LEP Rv. 0
Liquid Effluent Program
WBS# 1.2.2.1

A.0 Fiscal Year 1994 Work Plan Authorization

PROGRAM

1994 FISCAL YEAR
WORK PLAN

WBS# 1.2.2.1

DOE-HQ

DOE-RL Assistant Manager
Contracting Officer Representative

11/29/93

WHC Program Manager

12/7/93

DOE-RL Program Manager

11 29-93
B H-29-13

U.S. DEPARTMENT OF ENERGY
RICHLAND OPERATIONS OFFICE
MANAGEMENT & OPERATING (M&O) CONTRACT WORK AUTHORIZATION

1. Work Authorization No. _____

2. Initiator: A. J. DiLiberto 86100 372-3323
Name and Signature Org. Telephone No.

3. Program Title: Liquid Effluents Program

4. Program WBS No.: 1.2.2.1

5. M&O Contractor: WHC

6. Performance Period From: 10/01/94 To: 09/30/94

7. Start Date: N/A Expected Completion Date: N/A

8. Description:

	Expense	CENRTC	GPP	Line Item	Total
2300-0	31,849	526	1,676	0	34,051

-SEE REF FYWP See Liquid Effluents Program Fiscal Year Work Plan for additional detail.

Concurrence

	NAME	SIGNATURE	DATE
9. RL Program Manager:	<u>D. C. Bryson</u>	<u>[Signature]</u>	<u>12/1/93</u>
10. M&O Contractor: <i>for</i>	<u>A. J. DiLiberto</u>	<u>[Signature]</u>	<u>12-6-93</u>

Approval

11. RL AM-COR: J. R. Hunter [Signature] 12/22/93

Funds will be authorized via the FINPLAN in accordance with the authorized funding table.

cc: OPI
CFO
M&O Contractor

LIQUID EFFLUENTS WBS 1.2.2.1

1994 FISCAL YEAR WORK PLAN

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1.0 PROGRAM DESCRIPTION

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Background
Program Mission Status

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- 1A3 - 300 Area TEDF Operations (WBS - A23/1.2.2.1.3)
- 1A4 - Systems Engineering (WBS - A24/1.2.2.1.4)

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Building Block Priorities
Priorities Within Major Activities

1D Program Assumptions and Constraints

By program element:

- 1D1 - Program Management (WBS - A21/1.2.2.1.1)
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1.0 PROGRAM DESCRIPTION

Program Vision

The vision of the Liquid Effluent Program is to provide integrated liquid effluent management to support the Hanford mission.

Program Mission

The program mission is to manage current and future liquid effluent streams in a safe, responsible, cost effective and legally compliant manner. This is achieved through planning and integration, public and stakeholder interaction, definition of requirements for generators and provision of timely treatment, storage, disposal capability, and waste minimization of waste streams where applicable.

Successful achievement of these functions will result in:

- minimizing risk
- protection of worker and public health and environments
- an infrastructure providing for disposal of liquid effluents
- achievement of regulatory (TPA and Consent Order) milestones
- positioning Hanford for future work

To successfully accomplish this mission, the Liquid Effluents Program has been reorganized into the following elements: (1) Program Management/Administration, (2) 200 Area ETF Operations, (3) 300 Area TEDF Operations, and (4) Systems Engineering. The individual missions of each of these elements are discussed in the following sections.

Background

Operations at the Hanford Site have included or presently include such activities as the fabrication of nuclear fuels, operation of nuclear reactors, chemical processing of nuclear materials, management of chemical and nuclear wastes, surveillance and maintenance, decontamination and decommissioning of retired facilities, environmental restoration and clean-up and a broad range of research and development activities. Many of these activities result in the generation of liquid effluent streams which are presently being accumulated within storage facilities or discharged to the environment via the soil column.

The main focus of the liquid effluent program on the Hanford Site has been on

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the "major" liquid discharges, 33 of which were identified when the original Program scope was developed. These 33 effluents accounted for the vast majority of radionuclide discharges and effluent volume released on the site.

In addition to the 33 streams, all on-site miscellaneous streams will be studied and classified for out-year disposition. Stream characterization and performance of groundwater impact assessments on existing disposal sites are also major activities in the Liquid Effluents Program.

Hanford Site facilities currently discharging liquid effluents to the soil column are located in the following areas:

- N Reactor (100 Area)
- Chemical separations and waste management operations (200 Area)
- Fuels fabrication and laboratory operations (300 Area)
- Fast Flux Test Facility (FFTF) (400 Area).

Based upon similarities in the generating facilities and waste constituents, the 33 effluent streams can be grouped into six categories:

- N Reactor effluents
- Laboratory and chemical sewers
- Process condensates
- Laundry wastewater
- Cooling water
- Steam condensates.

At present, only 23 of the original 33 effluent discharges are active. Quantities of material discharged via these active discharges have been reduced significantly, due to a number of factors. Plant and process shutdowns, facility improvements and upgrades, and waste minimization activities have all contributed to the decrease in discharges.

Waste minimization is a key facet of the effluent treatment program at Hanford. All efforts are made to eliminate "unnecessary" sources of effluent discharge. The remaining effluent discharges are in most cases related to plant maintenance, safety, or waste handling and storage activities. These discharges cannot be discontinued without major facility upgrades and/or equipment replacements. Many

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such upgrades/replacements are planned, but will take several years to fund, design, construct and implement.

As an example, in excess of 6 billion gallons of waste water was discharged at the Hanford Site during 1987. Cooling water accounted for over three quarters of the waste water discharged followed by: N Reactor (13%), Laboratory and Chemical Sewers (8%), Steam condensates (3%), Process condensates (<1%), and Laundry (<1%). At present rates of discharge, less than three billion gallons of waste water are being discharged per year, and further reductions are planned. Cooling water accounts for nearly three quarters of the water presently discharged, followed by Laboratory and Chemical Sewers (26%), with Process Condensates, the Laundry and the N Reactor making up less than 1% of the total discharge.

As in 1987, the majority of the volume presently discharged is made up of cooling waters. Cooling waters are very clean effluents, not normally exposed to new sources of contamination. In many cases, the quality of the cooling water discharge is not significantly different from the water quality at the inlet to the cooling water system. Waste minimization activities also focus on limiting the source of contaminants in these effluent discharges.

Program Mission Strategy

The strategy to be used for implementation of alternative treatment and disposal systems involves prioritization of the planned actions into Phase I and Phase II. Phase I actions include the following:

- Complete detailed characterization of liquid effluents
- Complete BAT evaluations for all contaminated or potentially contaminated effluents
- Implement alternative treatment and disposal systems for those streams identified as Phase I priority.

A two-phased prioritization system is used to determine stream priority and establish the implementation schedule. Phase I streams are considered higher priority and are scheduled first. The following specific criteria are used to identify Phase I streams:

- Criterion 1, Radionuclide Concentration - The effluent contains radionuclides in excess of DOE Order 5400, Derived Concentration Guide (DCG) values

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- Criterion 2, Hazardous Waste Characteristics - The effluent exceeds WAC 173-303 hazardous waste threshold levels
- Criterion 3, Reportable Quantity or Listed Waste - The effluent released has a potential to contain a Comprehensive Response, Compensation, and Liability Act (CERCLA) reportable quantity (RQ) of a hazardous constituent or has the potential to contain a hazardous waste listed in WAC 173-303
- Criterion 4, Disposal Facility Life - The facility mission life exceeds the minimum estimated life of the disposal site.

Each stream is evaluated with respect to each of the prioritization criteria and assigned a Phase I ranking if currently available data indicate that chemical or radioactive substances in the effluent exceed or potentially exceed the specific quantitative levels. Assignment of a Phase I for any of the criteria results in the stream being given a Phase I priority ranking. The remaining streams are considered lower priority and are scheduled for implementation during Phase II.

This two phase prioritization system has been the basis for development of the Effluent Treatment Program, and the negotiation of the State Consent Order and Tri-Party Agreement (TPA). Some adjustment of priorities did occur as a result of EPA and Ecology comments on the Liquid Effluent Study, Consent Order and TPA commitment language was developed to address special priorities. (See Section 10.2)

The current ranking of the 33 effluent streams is shown below.

Hanford Liquid Effluent Streams

Phase I Liquid Effluents

- 1 N Reactor Effluent
- 2 PUREX Plant Chemical Sewer
- 3 PUREX Plant Steam Condensate
- 4 PUREX Plant Ammonia Scrubber Condensate
- 5 242-A Evaporator Process Condensate
- 6 PUREX Plant Process Condensate
- 7 PUREX Plant Cooling Water (CWL)
- 8 B Plant Steam Condensate
- 9 B Plant Process Condensate
- 10 UO₃/U Plant Wastewater
- 11 UO₃ Plant Process Condensate
- 12 S Plant Wastewater
- 13 Plutonium Finishing Plant Wastewater

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- 14 2101-M Laboratory Wastewater
- 15 300 Area Process Wastewater
- 16 163-N Demineralization Plant Wastewater
- 17 T Plant Wastewater
- 18 B Plant Chemical Sewer
- 19 222-S Laboratory Wastewater

Phase II Liquid Effluents

- 1 183-D Filter Backwash Wastewater
- 2 241-AY/AZ Tank Farm Steam Condensate
- 3 242-A Evaporator Cooling Water
- 4 B Plant Cooling Water (CBC)
- 5 241-A Tank Farm Cooling Water
- 6 244-AR Vault Cooling Water
- 7 242-A Evaporator Steam Condensate
- 9 209-E Laboratory Reflector Water
- 9 284-E Powerplant Wastewater
- 10 284-W Powerplant Wastewater
- 11 400 Area Secondary Cooling Water
- 12 T Plant Laboratory Wastewater
- 13 2724-W Laundry Wastewater
- 14 242-S Evaporator Steam Condensate

In March 1987, DOE Operations Office, Richland issued the document entitled *Plan and Schedule to Discontinue Disposal of Contaminated Liquids into the Soil Column at the Hanford Site* (Plan and Schedule) (DOE-RL 1987). This document identified the 33 major effluent streams, and included a plan to replace the practice of using the soil column as treatment at the Hanford Site to dispose of contaminated liquid effluents. To implement this plan, the strategy was developed to characterize the liquid effluent streams, develop a prioritization scheme for implementing the plans, establish funding mechanisms, and identify the projects required to treat and dispose of the effluents.

The management strategies and schedules developed for the treatment and disposal of the liquid effluents at Hanford were agreed to and formalized by the three agencies involved: the Department of Energy (DOE), the Environmental Protection Agency (EPA), and the Washington State Department of Ecology (Ecology). The three parties involved have carefully examined these discharges and plans and schedules and developed a joint strategy for management of the Hanford liquid effluent discharges. This joint strategy is reflected as commitment language and milestone dates in both the updated Hanford Federal Facility Agreement and Consent Order (Tri-Party Agreement [TPA]) and in the State Waste Discharge Permit Program Consent Order No. DE 91NM-177 (Consent Order). This joint strategy includes schedules for reducing and eliminating discharges, and schedules for

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implementing technologies for treatment and disposal of those effluents that remain.

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1A. Program Mission Statement

1A1 - Program Management (WBS - A21/1.2.2.1.1)

The Program Management Activity is broken down into four subactivities. The individual subactivity missions are as follows:

Program Management and Administration - WBS 1.2.2.1.1.1 (A2110)

The mission of this activity is to provide overall coordination, direction and customer interface for the activities in the Liquid Effluents Program. Administrative support is provided for program documentation, funds management, scheduling, and reporting.

WSCF Laboratory Support - WBS 1.2.2.1.1.2 (A2120)

The Waste Sampling and Characterization Facility (WSCF) mission is to provide on-site waste sample analysis and reporting services for the 200 Area Effluent Treatment Facility (ETF).

LERF Operations - WBS 1.2.2.1.1.3 (A2130)

The mission of the Liquid Effluent Retention Facility (LERF) is to store the 242-A Evaporator process condensate until such time that it can be processed by the 200 Area Effluent Treatment Facility. The date to begin operations of the ETF in October 1994 has been delayed with a new projected date of June 1995 being negotiated with the regulators.

Interim Compliance - WBS 1.2.2.1.1.4 (A2140)

As an interim compliance measure prior to fulfilling milestone M-17 of the Tri-Party Agreement, the Interim Compliance Program is required to fulfill the requirements of Consent Order DE-91NM-177 for the permitting of liquid effluent discharges under Washington Administrative Code (WAC) 173-216. Milestone M-17 requires DOE and their contractors to cease liquid effluent discharges to the soil column by June of 1995 for Phase I, and October of 1997 for Phase II streams, or to have those discharges appropriately permitted. In addition, milestone M-17-13-A requires the assessment of potential impacts to the groundwater from the continued interim discharge of the Phase I and Phase II streams. These impact assessments are intended to determine if these discharges could have immediate adverse effects which should not be allowed. Completion of these assessments and preparation of properly executed WAC 173-216 Permit applications requires the collection of quality effluent characterization data.

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This is being accomplished via the preparation and implementation of Sampling and Analyses Plans.

1A2 - 200 Area ETF Operations (WBS - A22/1.2.2.1.2)

The mission of the 200 Area ETF Operations is to provide safe, cost effective and environmentally sound design review, construction review, readiness review, startup testing, and continued operations of all 200 Area effluent treatment facilities. The scope of this effort currently includes:

- Project C-018H, 200 Area Effluent Treatment Facility
- Project W-049H, 200 Area Treated Effluent Disposal Facility (TEDF)
- Project W-291H, 200 Area BAT/AKART Implementation

200 Area ETF Operations (C-018H) - WBS 1.2.2.1.2.1 (A2210)

In April 1989, the 242-A Evaporator was placed in temporary standby because of a concern that past Hanford Site waste management and chemical processing activities may have generated listed waste as defined by the *Resource Conservation and Recovery Act* (RCRA) (1976). These potentially listed wastes are currently stored in double-shell tanks (DST) and are processed subsequently through the 242-A Evaporator to reduce the waste volume stored in the DSTs. The processing of the waste in the 242-A Evaporator produces a concentrated waste, which is returned to the DSTs, and a process condensate (PC) stream, which was directly transferred to a soil column disposal site. It has been determined that the DSTs contain listed wastes, thus the PC is a listed waste via the "derived from" rule and must be managed in accordance with RCRA. Additionally, the level of ammonia in the 242-A Evaporator PC is high enough to make this discharge a dangerous waste according to WAC 173-303 (Ecology 1989) criteria.

The operation of the 242-A Evaporator is vital to supporting waste management and disposal activities, facility operations and standby conditions, and conducting the Hanford Site environmental restoration mission. It is not possible to support many Tri-Party Agreement commitments related to such activities if the evaporator remains in a standby condition.

The "242-A Evaporator/PUREX Plant Condensate Treatment Facility (Effluent Treatment Facility)" (Project C-018H) is being constructed to provide effluent treatment and disposal capability required to support the continued operation of the 242-A Evaporator and to process the stored evaporator effluents in the LERF basins. The operation of the 242-A Evaporator is essential for the continued progress of Hanford's site operations and environmental restoration mission.

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The facility will provide: (1) collection for the effluent stream; (2) a treatment system to reduce the concentration of radioactive and hazardous waste constituents in the effluent streams to acceptable levels; (3) tanks to allow for verification of treated effluent characteristics prior to discharge; and (4) a state-approved land disposal structure (SALDS) for effluent disposal.

The treatment process for the waste stream consists of seven steps beginning with micro-filtration. This filter will filter particles to 1 micron diameter. After filtration, the waste stream is acidified to convert bicarbonate ions to carbon dioxide which can be stripped from solution. The third step in the treatment process is the UV/oxidation. This process will destroy organic compounds which minimizes secondary waste. The fourth step is de-gasification column. The primary purpose of this step is the removal of carbon dioxide from the waste stream by a vacuum applied to the de-gasification column. The gas stream is then treated prior to release to the environment. The fifth step is further filtration to remove suspended solids greater than 0.1 micron and serves to extend the life of the reverse osmosis (RO) membranes. Following the second filter, the waste stream enters the RO unit for further purification. The final step is the ion exchange columns filled with mixed resins to remove cations and, if necessary, anions. The effluent will be discharged to verification tanks. The treated effluent will be sampled in the verification tanks to verify that the concentrations of radioactive and hazardous waste constituents have been reduced to acceptable levels by the treatment system. The effluent will then be discharged via a dedicated pipeline to the SALDS for disposal. In the event that treated effluent does not meet disposal criteria, it will be recycled to the Treatment Facility for additional treatment prior to disposal.

The ETF will treat the effluent to required discharge levels, however, the process can not remove tritiated water with current economically achievable technology. The State of Washington Department of Ecology (Ecology) has voiced their concern that the discharge of tritiated water to the soil column may not be acceptable to the public during the WAC 173-216 State Waste Discharge permitting process. Ecology is requesting that DOE consider the pursuit of research to develop treatment technology to remove low concentrations of tritium (6,300,000 pico curies/liter) from large volumes of water (150 gallons/minute). Ecology would like DOE to continue to fund research and development on technologies such as the Pacific Northwest Laboratory's membrane tritium removal technology and other promising technologies which may be used for high-volume/low-concentration tritium removal. Further, Ecology thinks that perhaps this type of technology could be used to clean-up the groundwater plume that is emanating from the 200 East Area. A new Tri-Party Agreement milestone has been proposed which includes the preparation and submission of a comprehensive tritium technology report. A baseline change request will be processed during FY 1994 to include this new scope which has no funding under current baseline funding.

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Secondary waste generated by the treatment facility, such as filter backwash, ion exchange regenerate and permeate from the reverse osmosis will be concentrated and will be packaged to meet the requirements imposed by the state for storage and/or disposal of solid waste .

Operation of the ETF is required by October 1994¹ in order to support the removal of Land Disposal Restricted waste and residues from the LERF basins. This requirement is defined both in the TPA and the State Waste Discharge Permit Program Consent Order. A RCRA Part B operating permit application has been prepared and submitted to Ecology for approval.

Completion of the Effluent Treatment Facility is required by October 1994² in order to support the TPA major milestone M-17-00A to "complete liquid effluent treatment facilities/upgrades for all Phase I streams" by June 1995. A Delisting Petition, required to allow the disposal of the ETF effluent, has been prepared and submitted to the EPA for approval.

The ETF project will provide disposal via a State Approved Land Disposal Structures (SALDS). The disposal site and structure will be approved by the DOE and Ecology and permitted under the *State Waste Discharge Permit Program* (WAC 173-216). The SALDS for the ETF will consist of an underground drain field. The design percolation rates for the site have been established by site testing and evaluation of disposal site soil characteristics. A WAC 173-216 discharge permit application has been prepared and submitted to Ecology for approval.

200 Area TEDF Support (W-049H) - WBS 1.2.2.1.2.2 (A2220)

The mission of the 200 Area Treated Effluent Disposal Facility (200 Area TEDF), Project W-049H, is to provide the collection and disposal system necessary to transport 200 Area Phase I waste streams meeting BAT/AKART requirements (except 242-A Evaporator Process Condensate, PUREX Process Distillate Discharge, and PUREX Ammonia Scrubber Distillate) to a single permitted soil column disposal site. In an effort to dry up 200 West Area effluent flows, the 200 Area TEDF also includes the collection and disposal of three Phase II (284-W Power Plant, 242-S Evaporator Steam Condensate and T Plant Laboratory Wastewater) wastewater streams. This Program mission is driven by the TPA Milestone M-17-08, "Initiate full scale hot operations for '200 Area Treated Effluent Disposal Facility'

¹ For planning purposes this date has been revised to June 1995. TPA Change Request M-17-93-07 is being processed to document this change caused primarily by a delay in Ecology's SEPA determination, funding constraints, and new operating/startup requirements.

² See Footnote 1.

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(Project W-049H), with permitted disposal of effluent to either the soil column or surface water." Further it supports the TPA interim milestones established in 1992 for the cessation of effluent discharges to the existing ditches, cribs, and ponds for the 17 Phase I and Phase II streams scoped to discharge into the 200 Area TEDF by June 1995 by providing the permitted alternative disposal facility for those streams at that time.

Although Phase II compliance calls for the execution of BAT/AKART upgrades by October 1997, owing to the close proximity to Phase I streams earmarked for discharge into the 200 Area TEDF, the compliance dates for the three West Area Phase II waste streams were set to meet the earlier June 1995 compliance date. It has been decided to use the 200 Area TEDF as a means to collect and dispose of six Phase II waste streams covered under Project W-252. While integrating into the overall discharge management strategy, W-252 waste streams are funded entirely separately from W-049H and maintain a October 1997 TPA compliance date.

The HWVP wastewater and the 242-A-81 Water Services Building (WSB) wastewater are streams that did not exist and, therefore, were not identified in the original definition of Phase I and II streams. The 242-A-81 WSB facility has been constructed to support the 242-A Evaporator when it restarts. Construction of the HWVP has been delayed until after 1999. Its wastewater stream will be connected to the 200 Area TEDF before HWVP operations start. Also, although originally included in Project W-049H, the privatization of the 2724-W Laundry facilities has removed that waste stream from the project.

Under the concept of the 200 Area TEDF, each facility discharging to the sewer system must comply with soil column discharge limits that will be stipulated in the State of Washington WAC 173-216 soil column discharge permit without further treatment. No provisions exist within the 200 Area TEDF to mitigate contamination once it enters the collection system. Compliance with state discharge requirements and the reduction of site liability from the incidental/accidental release of pollutants into the soil column requires the implementation of BAT/AKART at each facility. Implementation of BAT/AKART is the responsibility of the generating facilities and is being integrated with the completion of the W-049H project. Waste Certification Plans have been developed with each operator to define the criteria each stream must meet prior to discharging to the TEDF pipeline.

200 Area BAT/AKART (W-291H) - WBS 1.2.2.1.2.3 (A2230)

The mission of this activity is to implement the BAT/AKART as defined in the Project W-049H Wastewater Engineering Report for six of the effluent streams that could not otherwise realistically expect to obtain the necessary funding in time to meet the applicable June 1995 Tri-Party Agreement Milestones, M-17-00A, M-17-08B, M-11-17, M-17-19, M-17-38, M-17-41, M-17-42, and M-17-43, for implementing

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BAT/AKART and ceasing discharges to the existing soil column disposal sites. The HEC Line Item change request incorporating this project as an additional HEC Line Item FY 93 Subproject was approved by the Secretary of Energy on June 21, 1993. The project has been included in HEC via a Congressional Approval Notification received in September 1993. The effluent streams included in this program are:

- T Plant Wastewater
- T Plant Lab Wastewater
- UO₃ Plant Process Condensate
- UO₃/U Plant Wastewater
- 284-W Power Plant Wastewater
- 2101-M Laboratory Wastewater

1A3 - 300 Area TEDF Operations (WBS - A23/1.2.2.1.3)

The mission of the 300 Area TEDF Operations activity is to provide safe, cost effective, and environmentally sound design, construction and readiness reviews, startup testing and continued operations of all 300 Area effluent treatment facilities. The scope of this effort currently includes Project L-045H, 300 Area TEDF, and the upgrades and operations of the 340/307 Facilities.

300 Area TEDF Operations (L-045H) - WBS 1.2.2.1.3.1 (A2310)

The mission of the "300 Area Treated Effluent Disposal Facility (300 TEDF)" (Project L-045H) is to provide a system for the continuous treatment and disposal of liquid effluents from the 300 Area which currently are discharged to the 300 Area Process Trenches. This project is being funded as part of the Hanford Environmental Compliance Line Item.

The 300 Area Process Trenches are designed for the disposal of up to 3,000,000 gallons/day of process water from 62 streams from facilities and laboratories located in the 300 Area of the Hanford Site. The two trenches, which were put into operation in 1975, are located in the northern part of the 300 Area. The trenches use percolation of the process water into the soil column as the treatment and disposal method. In the past, these trenches received hazardous waste. Effective February 1, 1985, administrative controls were initiated to eliminate discharges of hazardous wastes into the trenches. Currently, there is only one trench receiving discharges and the major discharge entering that trench is cooling water. As a result of negotiations among DOE, WDOE, and EPA, administrative controls are in place to control flow to 325 gallons per minute (468,000 gallons per day). In addition, the flow minimization activities have reduced the number of generators which discharge to the trenches from 62 to 34.

In the Plan and Schedule, the 300 Area process sewer was identified as a Phase I stream for high priority implementation of an alternative treatment and

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disposal method. The strategy included preparation of detailed stream characterization, evaluation of the Best Available Technology (BAT) economically achievable, and implementation of the proposed BAT with a permitted discharge. Closure of the existing 300 Area trenches, under the RCRA, was included as part of the planning due to the possible accumulation of hazardous and radioactive material in the soil column. An Expedited Response Action was performed in 1992 to minimize the contaminated materials existing in the active portions of the trenches while a treatment facility was being constructed.

The existing 24 inch process sewer line will be intercepted just upstream of the existing process trenches and rerouted to a collection sump and lift station. The lift station sump pumps will transfer the process sewer flow approximately 3,500 feet north to the 300 Area TEDF.

The wastewater constituents requiring treatment can be broadly classified into three groups: heavy metals, organics, and cyanide. The specific treatment units proposed as "BAT" in the NPDES permit application includes iron co-precipitation for removal of heavy metals, thiol functional ion exchange as a "polishing column" for maximizing mercury removal, and UV/peroxide oxidation for destruction of organics and cyanide. It is not yet known if the proposed BAT will meet with final "BAT" approval. The treatment facility is required to become operational by December 1994. This requirement is defined in the Tri-Party Agreement.

The design of the treatment facility was developed by the Westinghouse Hanford Company (WHC) and its subcontractor CH2M Hill. After treatment, the effluent will be monitored and discharged through an outfall in the Columbia River. Prior to the surge tank and immediately after effluent monitoring, there will be the capability to divert the flow to diversion tanks. These tanks will be used to retain diverted flows until a determination can be made for final disposition based on sampling results.

340/307 Facility Operations - WBS 1.2.2.1.3.2 (A2320)

The mission of the 340/307 Facility³ is to accumulate and provide interim storage for Tank Waste Analysis effluents generated by Pacific Northwest Laboratory (PNL) 300 Area Laboratories and provide online monitoring of the 300 Area Retention Process Sewer to assure protection of the environment and to continue cleanup activities on the Hanford Site.

³ Transfer of responsibility for the 340/307 Facilities from the Waste and Decontamination Services Program to Liquid Effluents is pending the completion of Change Control documentation and RL approval. Except for \$133K in FY 1993 carryover, funding for these activities is provided through a Cost Account Authorization (1N4C35) from TWRS.

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1A4 - Systems Engineering (WBS - A24/1.2.2.1.4)

The mission of the Systems Engineering activity is to assist in development of long-range plans, perform engineering evaluations, investigate new feeds to treatment plants, and integrate future liquid effluent projects into the existing liquid effluent treatment facilities and infrastructures. This scope currently includes Phase II Stream BAT/AKART (Project W-252), Miscellaneous Streams, system engineering support to the 200 and 300 Area treatment facilities, and oversight/utilization of the Treatability Laboratory located at the 1706E Facility.

Phase II Streams (W-252) - WBS 1.2.2.1.4.1 (A2410)

The Phase II Liquid Effluent Program was established to implement Best Available Technology/All Known, Available and Reasonable Treatment (BAT/AKART) for the nine remaining Phase II wastewater streams (those not part of Project W-049H), by October 1997, as required by the TPA Milestone M-17-00B, "Complete Implementation of Best Available Technology/All Known, Available and Reasonable Treatment (BAT/AKART) for all Phase II Liquid Effluent Streams at the Hanford Site". A FY 1995 line item, Project W-252, has been identified to provide BAT/AKART treatment and disposal for seven wastewater streams in the 200 Area and one each in the 100 and 400 Areas.

The 200 Area Phase II effluent streams include the 241-AZ/AZ Steam Condensate, the 242-A Evaporator Cooling Water, the 242-A Evaporator Steam Condensate, the 241-A Tank Farm Cooling Water, the 244-AR Vault Cooling Water, the 284-E Powerplant Wastewater, and the B Plant Cooling Water. The 200 Area streams will be treated at the generators as determined necessary and will be collected for disposal. Present planning has the 200 Area Phase II streams discharging to the 200 Area Treated Effluent Disposal Facility (TEDF) transfer pipeline to be further transported to the 200 Area TEDF disposal site after BAT/AKART is implemented. Please note that at this time the 241-AZ/AZ Steam Condensate is discharging to the double-shell tanks and will therefore not be included in any further Phase II program efforts.

The non-200 Area streams are the 183-D Filter Backwash and the 400 Area Secondary Cooling Water. Because of the geographic locations, these wastewater streams will be handled independently. The 183-D Filter Backwash has been deleted from the project as RL has approved the 183-D De-Activation Plan.

In the Ecology Consent Order No. DE 91NM-177, DOE committed to prepare and submit WAC 173-216 State Waste Discharge permit applications for the continued discharge of these streams to their existing disposal sites on an interim basis until BAT/AKART is implemented. This scope is included in the Interim Compliance subactivity under the Program Management area.

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200 Area ETF Systems Engineering Support - WBS 1.2.2.1.4.2 (A2420)

The primary mission of this subactivity is to provide the long-range engineering support for the Liquid Effluents Program in support of the 200 Area ETF. The mission includes investigating future waste streams to determine the suitability of the 200 Area ETF to process these streams. This would include the performance of treatability tests and determination of permitting and operational viability. This account will also manage future projects supporting the Liquid Effluents mission in the 200 Area.

300 Area TEDF Systems Engineering Support - WBS 1.2.2.1.4.3 (A2430)

The primary mission of this subactivity is to provide the long-range engineering support for the Liquid Effluents Program in support of the 300 Area. The mission includes investigating future waste streams to determine the suitability of the 300 Area TEDF to process these streams and possibility of privatizing the facility and connection to the City of Richland Publicly Owned Treatment Works (POTW) in the future. This account will also manage future projects supporting the Liquid Effluents mission in the 300 Area.

Miscellaneous Streams - WBS 1.2.2.1.4.4 (A2440)

In October 1991, the Department of Energy (DOE) and the State of Washington Department of Ecology (Ecology) completed negotiations to establish new liquid effluent commitments for a WAC 173-216 Consent Order No. DE 91NM-177, February 1992. Among other things, conditions were established for the Miscellaneous liquid effluent streams. A Miscellaneous stream is defined as an effluent stream which is not one of the originally identified 33 Phase I and Phase II streams. These conditions required certain actions as follows to ensure these streams are in full compliance with state regulations:

- A revised "Inventory of Disposal Sites for Miscellaneous Streams" was submitted to Ecology in August 1992.
- A plan which includes an overall regulatory strategy, methodology, and schedule for identification and evaluation of all Miscellaneous streams was prepared in September 1992.

The Miscellaneous Streams' mission is to assure full regulatory compliance of all liquid effluent streams which are not included within the original 33 Phase I and Phase II streams. Initially identified compliance actions include the submission of WAC 173-216 Permit applications for eleven streams identified in Table 4 of

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Consent Order DE 91NM-177 as well as the preparation and submission of an overall Plan and Schedule for Regulatory Compliance of all Miscellaneous Streams.

Treatability Laboratory - WBS 1.2.2.1.4.5 (A2450)

The mission of the Treatability Laboratory is to perform tests required to verify that the processes of the ETF are fully functional and that the effluent from that facility complies with permit requirements. The laboratory may also be utilized to evaluate future liquid effluents to determine treatability at the ETF. Should this be considered, the RD&D permit for the laboratory will require modification.

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1B. Program Objectives

Program Execution Guidance Drivers

DRIVER	DESCRIPTION	DATE
TPA M-17-00B	Implement BAT/AKART for all Phase II Liquid Effluent Streams	10/31/1997
TPA M-17-23	Cease PUREX Plant Cooling Water Discharge to 216-B-3 Pond	6/30/1995
TPA M-17-00A	Complete Liquid Effluent Treatment Facility/Upgrade Phase I Streams	6/30/1995
TPA M-17-09A	Complete Definitive Design of 300 Area TEDF (L-045H)	7/31/1993
TPA M-17-04	Cease B Plant Chemical Sewer Discharge	6/30/1995
TPA M-17-16	Cease All Discharges to the 216-Z-20 Crib	6/30/1995
TPA M-17-18	Cease Discharge of 242-S Evaporator Steam Condensate to 216-U-14 Ditch	6/30/1995
TPA M-20-50	Submit Complete RCRA Part B Permit Application for 200 Area ETF	8/31/1993
TPA M-26-03	Cease Discharge 242-A Evaporator Process Condensate to LERF Basins	12/31/1994
TPA M-26-04	Remove all Hazardous Waste Residues from LERF Units	6/30/1995
TPA M-17-08	Operate 200 Area Treated Effluent Disposal Facility (W-049H)	6/30/1995
TPA M-17-08B	Implement BAT/AKART - 200 TEDF Streams	6/30/1995
TPA M-17-09	Operate 300 Area Treated Effluent Disposal Facility (L-045H)	12/31/1994
TPA M-17-10	Cease Discharge to Hazardous Waste Land Disposal Units	6/30/1995
TPA M-17-14	Initiate Operations - Effluent Treatment Facility (C-018H)	10/31/1994

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DRIVER	DESCRIPTION	DATE
TPA M-17-14D	Initiate Test Procedures for the 200 Area ETF (C-018H)	6/30/1994
TPA M-17-17	Cease Discharge of U03/U Plant Wastewater to the 216-U-14 Ditch	6/30/1995
TPA M-17-18	Cease Discharge 242-S Evaporator Steam Condensate to 216-U-14 Ditch	6/30/1995
TPA M-17-19	Cease Discharge to the 216-U-17 Crib	6/30/1995
TPA M-17-20	Implement BAT/AKART for the PUREX Plant Process Condensate	6/30/1995
TPA M-17-22	Cease PUREX Plant Steam Condensate to the 216-B-3 Pond	6/30/1995
TPA M-17-29	Implement BAT/AKART for 242-A Evaporator Process Condensate	10/31/1994
TPA M-17-34	Cease all Discharges to the 216-W-LWC Crib	1/31/1995
TPA M-17-38	Cease all Discharges to the 284-W Powerplant Pond	6/30/1995
TPA M-17-39	Cease all Discharges to the 216-S-26 Crib	6/30/1995
TPA M-17-41	Cease all Discharge to the 216-T-4-2 Ditch	6/30/1995
TPA M-17-42	Cease all Discharges to the 216-T-1 Ditch	6/30/1995
TPA M-17-43	Cease all Discharges to the 2101-M Pond	6/30/1995
WAC 173-216 CO DE-91NM-177	Submit 200 Area TEDF 240 Engineering Report Addendum	10/31/1993
WAC 173-216 CO DE-91NM-177	Submit 200 Area Treated Effluent Disposal Facility 80% Design Report	12/31/1993
WAC 173-216 CO DE-91NM-177	Submit 200 TEDF State Waste Discharge Permit Application	9/30/1994
WAC 173-216 CO DE-91NM-177	Submit 200-W Powerhouse Ash Wastewater State Waste Discharge Permit Application	6/30/1994

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DRIVER	DESCRIPTION	DATE
WAC 173-216 CO DE-91NM-177	Submit 200-E Powerhouse Ash Wastewater State Waste Discharge Permit Application	6/30/1994
WAC 173-216 CO DE-91NM-177	Submit 242-A Evaporator Cooling Water State Waste Discharge Permit Application	12/31/1993
WAC 173-216 CO DE-91NM-177	Submit 300 Area Powerhouse Ash Wastewater State Waste Discharge Permit Application	6/30/1994
WAC 173-216 CO DE-91NM-177	Submit 242-A Evaporator Steam Condensate State Waste Discharge Permit Application	12/31/1993
WAC 173-216 CO DE-91NM-177	Submit 100-N Sanitary Sewer System State Waste Discharge Permit Application	6/30/1994
WAC 173-216 CO DE-91NM-177	Submit 241-A Tank Farm Cooling Water State Discharge Permit Application	12/31/1993
WAC 173-216 CO DE-91NM-177	Submit 300 Area Filter Backwash State Waste Discharge Permit Application	6/30/1994
WAC 173-216 CO DE-91NM-177	Submit 244-AR Vault Cooling Water State Waste Discharge Permit Application	12/31/1993
WAC 173-216 CO DE-91NM-177	Submit 300 Area Sanitary Sewer System Waste Discharge Permit Application	6/30/1994
WAC 173-216 CO DE-91NM-177	Submit 284-E Power Plant Waste Water State Waste Discharge Permit Application	12/31/1993
WAC 173-216 CO DE-91NM-177	Submit 234-5Z Ventilation State Waste Discharge Permit Application	9/30/1994
WAC 173-216 CO DE-91NM-177	Submit 183-D Filter Backwash State Waste Discharge Permit Application	12/31/1993

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DRIVER	DESCRIPTION	DATE
WAC 173-216 CO DE-91NM-177	Submit 183-N Filter Backwash State Waste Discharge Permit Application	6/30/1994
WAC 173-216 CO DE-91NM-177	Submit B Plant Cooling Water State Waste Discharge Permit Application	12/31/1993
WAC 173-216 CO DE-91NM-177	Submit Miscellaneous Streams Plan and Schedule	1/31/1994
WAC 173-216 CO DE-91NM-177	Submit 209-E Building Steam Condensate State Waste Discharge Permit Application	6/30/1994
WAC 173-216 CO DE-91NM-177	B Plant Chemical Sewer Approved Pretreatment Permit	6/30/1995
WAC 173-216 CO DE-91NM-177	Submit 400 Area Sanitary Wastewater State Waste Discharge Permit Application	6/30/1994
WAC 173-216 CO DE-91NM-177	Submit PUREX Plant Chemical Sewer Approved Pretreatment Permit Application	6/30/1995
WAC 173-216 CO DE-91NM-177	Submit 272-E, 2703-E Buildings Wastewater Waste Discharge Permit Application	6/30/1994
WAC 173-216 CO DE-91NM-177	Achieve Compliance UO3 Plant Process Condensate Approved Treatment Permit	6/30/1995
WAC 173-216 CO DE-91NM-177	Achieve Compliance 222-S Laboratory Wastewater Approved Pretreatment Permit	6/30/1995

Major Applicable Regulatory Statutes by Program Element (In addition to those listed, WHC is charged with complying with all applicable State and Federal regulations, statutes, regulations and orders)

Effluent Treatment Facility (Project C-018H)

August 1993 (revised 12/05/93)

1B-4

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- Hanford Federal Facility Agreement and Consent Order (Tri-Party Agreement) Milestones M-17-00A, M-17-14, M-17-14D, and M-17-29.
- WAC 172-216 - State Waste Discharge Permit Program
- DOE Order 5440.1C - Implementation of the National Environmental Policy Act
- DOE Order 4700.1, Part F
- Permitting Plan 40 CFR Part 61
- National Emissions Standards for Hazardous Air Pollutants
- WAC 173-303 - Administration of RCRA
- WAC 173-240 - Engineering Requirements
- Clean Water Act
- 33 U.S.C. Section 1251, et.seq. Clean Air Act
- 40 CFR Part 61, Subpart H

Applicable Regulations by Issue:

Listed Waste	40 CFR 260 (Delisting) 40 CFR 268
Characteristic Waste	20 CFR 261 40 CFR 264 (TSD Requirements) 40 CFR 265 (Facility Permitting) WAC 173-303 WAC 173-403 (Solid Waste)
Land Ban Waste	40 CFR 268.41 40 CFR 268.43 WAC 173-203
Liquid - Soil Column Disposal	WAC 173-216 (Permitting) WAC 173-240 (Engineering Reports) WAC 173-218 (Injection Wells)
Air Emissions - Radionuclides	40 CFR 61 WAC 402-80 WAC 173-480
Air Emissions - Toxic	40 CFR 52 (permitting) WAC 173-403 WAC 173-460

200 Area BAT/AKART Implementation Project W-291

- Clean Water Act

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- Tri-Party Agreement Milestones: M-17-00A, M-17-00B, M-17-17, M-17-19, M-17-38, M-17-41, M-17-42, M-17-43

200 Area Treated Effluent Disposal Facility Project W-049H)

- Tri-Party Agreement Milestones: M-17-00A, M-17-00B, M-17-08, M-17-08A, M-17-08B, M-26-04
- WAC 173-216, State Waste Discharge Permit
- WAC 173-216 Consent Order No. DE 91NM-177
- National Environmental Policy Act (NEPA)
- 40 CFR Part 61 - National Emission Standards for Hazardous Air Pollutants
- 40 CFR Part 52 and WAC 173-400 - Prevention of Significant Deterioration
- Clean Air Act, WAC 246-247 and WAC 173-480 - Washington State Radioactive Air Emissions Program
- WAC 173-460 - Washington State Toxic Air Regulations
- WAC 173-240 - Engineering Documentation Requirements
- WAC 173-203 - Modification of Water Quality Standards

300 Area Treated Effluent Disposal Facility Project L-045H)

- Tri-Party Agreement Milestones M-17-06B, M-17-09A, M-17-09
- Discharge of the 300 Area TEDF treated effluent will be regulated under the National Pollutant Discharge Elimination System (NPDES) permit (Sec. 402 of the Clean Water Act [U.S.C.A. Statute 1251 et. seq]) which, in the case of federal facilities, is required by the EPA.
- The NPDES permit must be certified by the State of Washington Department of Ecology as meeting the surface water quality standards, based on Chapter 173-203 Washington Administrative Code (WAC) "Water Quality Standards for Surface Waters of the State of Washington:.
- The Columbia River, at the proposed discharge location, is designated a Class A water of the State of Washington (WAC 173-204-130 (21).
- The 300 Area TEDF will require a mixing zone at the point of discharge under WAC 173-203-100.
- For those constituents being discharged, not covered by WAC 173-204, human health standards under WAC 173-203-040 will be used.
- Radioactive constituents will be regulated under DOE Order 5400.5

Applicable Regulations by Issue

Liquid - River Disposal

40 CFR 121-125
40 CFR 129
WAC 173-14
WAC 173-201
WAC 173-203
WAC 173-204-130
WAC 173-203-100

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WAC 220-110

Air Emissions - Radionuclides

40 CFR 61
WAC 402-80
WAC 173-480

Air Emissions - Toxics

40 CFR 52 (Permitting)
WAC 173-403
WAC 173-460

Interim Compliance Hanford 33 Streams

- Tri-Party Agreement M-17-13A, M-17-00A
- State Waste Discharge Permit Consent Order No. DE 91NM-177.

Miscellaneous Streams

- WAC 173-216, State Waste Discharge Permit Consent Order No. DE 91NM-177
- Further regulatory drivers will be identified when the scope of this activity is further defined. Should a treatment facility be required, it would be reasonable to assume that the same regulations which apply for the 200 and 300 Area treatment facilities will also apply.

Liquid Effluent Retention Facility

- WAC 173-303-650, Surface Impoundments
- Tri-Party Agreement Milestones M-26-03 and M-26-04.

Phase II Liquid Effluent Treatment and Disposal (Project W-252)

- WAC 173-216, State Waste Discharge Permit Consent Order No. 91NM-177
- Tri-Party Agreement Milestone M-17-00B
- WAC 173-216. State Waste Discharge Permit
- National Environmental Policy Act (NEPA)
- 40 CFR Part 61 - National Emission Standards for Hazardous Air Pollutants (NESHAP)
- 40 CFR Part 52 and WAC 173-400 - Prevention of Significant Deterioration (PSD)
- Clean Air Act, WAC 246-247 and WAC 173-480 - Washington State Radioactive Air Emissions Program (RAEP)
- Clean Water Act
- WAC 173-460 - Washington State Toxic Air Regulations
- WAC 173-240 - Engineering Documentation Requirements

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Program Element Objectives

1B1 - Program Management (WBS - A21/1.2.2.1.1)

Program Management/Administration - WBS 1.2.2.1.1.1 (A2110)

The overall objective of the Program Management/Administration activity is to provide direction, coordination, and customer interface to those activities required to meet the major mission to manage current and future liquid effluent streams in a safe, responsible, cost effective, and legally compliant manner. The most immediate objective is to end the practice of using the soil column at the Hanford Site to "treat" contaminated liquid effluents.

- Provide Program manager and activity engineering support to coordinate those activities required to meet the program, Tri-Party Agreement, and Consent Order milestones.
- Provide financial and scheduling support to the program.
- Provide independent Readiness Review Board review and approval for the facilities being built under this program.

WSCF Laboratory Support - WBS 1.2.2.1.1.2 (A2120)

- Provide engineering support to define 200 Area ETF sampling plans and requirements.
- Initiate hiring and training of laboratory staff to support the 200 Area ETF sample analysis requirements for readiness testing and future operations.

LERF Operations - WBS 1.2.2.1.1.3 (A2130)

- Operate the Liquid Effluent Retention Facility in a safe and environmentally secure manner to store the process condensate until the 200 Area Effluent Treatment Facility is operational.

Interim Compliance - WBS 1.2.2.1.1.4 (A2140)

The Program's objectives are to fulfill the requirements of Consent Order DE 91NM-177 and the Tri-Party Agreement as they relate to the discharge of Phase I and Phase II effluents prior to their final disposition. Specific objectives are :

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WBS 1.2.2.1

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- Perform sampling and analysis activities as required by the approved Sampling and Analysis Plans to support the preparation of effluent discharge permit applications and Groundwater Impact Assessments.
- Perform Groundwater Impact Assessments to determine the effect of continued discharge of liquids to the soil column (216-Z20, 216-S-26 Crib, 216-U-14 Ditch, 216-L-WC Crib, the 216-T-1 Ditch, the 216-T-4-2 Ditch, and the 216-B-3 Pond).
- Obtain interim WAC 173-216 permits for the discharge of Phase I and Phase II effluents as appropriate.
- Provide on-line stream characterization data to the regulators using the Liquid Effluent Management Information System (LEMIS).
- Complete and submit to RL, for approval and forwarding to Ecology, WHC certified WAC 173-216 State Waste Discharge Permit applications for the two interim disposal sites (216-B-3 Pond, 100-D Pond).

1B2 - 200 Area ETF Operations (WBS - A22/1.2.2.1.2)

200 Area ETF Operations (C-018H) - WBS 1.2.2.1.2.1 (A2210)

- The RCRA Part B Permit Application was submitted to Ecology in August 1993. Work will continue once Ecology supplies the required Notice of Deficiencies to identify the State comments on the application.
- The disposal permit application required for compliance with WAC 173-216 was submitted in August 1993. Work will continue to negotiate an acceptable point-of-compliance for the disposal permit.
- Work continues on the approval of the Research, Development and Demonstration Permit application required for compliance with RCRA and WAC 173-303. This permit is required to authorize pilot plant testing with actual hot feed.
- Work continues in support of the federal Delisting Petition required per 40 CFR 260. The petition is under consideration by EPA and supplemental information requests are anticipated. Test data on actual 242-A Evaporator PC will be supplied to EPA as it becomes available.
- Acceptance test procedures will begin in the spring of 1994. The facility will be turned over to the contractor for operation test procedures in June 1994.

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WBS 1.2.2.1

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- The program has begun ramp-up in manpower to support the June 1995⁴ start-up date. Operations, maintenance and engineering management and supervisory personnel have been added. The staffing of these groups will be completed in FY 1995.
- A plan has been developed for conducting the operational readiness review. The Review Team will be established to perform readiness activities required to define the facility as "ready" for operations.

200 Area TEDF Support (W-049H) - WBS 1.2.2.1.2.2 (A2220)

The objectives of the 200 Area TEDF are to provide a piping network and State approved land disposal site for the collection and disposal of the Hanford Site 200 Areas Phase I and Phase II effluents. The facility is to be operational by June 1995 to satisfy TPA Milestone M-17-08. Specific FY 1994 objectives are:

- Complete the disposal site characterization report.
- Complete FY 1994 groundwater monitoring (sampling and analysis).
- Complete the WAC 240 engineering report (ie, the 200 Area Treated Effluent Disposal Facility (Project W-049H) Wastewater Engineering Report) revision.
- Complete the preparation of the SEPA Checklist to be submitted to Ecology with the WAC 216 Permit application.
- Perform a groundwater quality criteria analysis.
- Prepare and submit to RL the draft Preventative Maintenance Procedures.
- Prepare and submit to Ecology the Operations and Maintenance Manuals.
- Prepare and submit WHC certified WAC 216 Permit Application to RL.
- Initiate development of operating procedures.
- Complete implementation of the Facility Certification Plans.

⁴ The original TPA date of October 1994 is being delayed. For planning purposes this date has been revised to June 1995. TPA Change Request M-17-93-07 is being processed to document this change caused primarily by a delay in Ecology's SEPA determination, funding constraints, and new operating/startup requirements.

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- Continue the construction of the collection system.
- Award the construction contract for the disposal ponds and initiate construction activities.
- Complete the instrumentation/controls definitive design and procurement and initiate the installation thereof.
- Initiate Readiness Review activities.

200 Area BAT/AKART (W-291H) - WBS 1.2.2.1.2.3 (A2230)

The objectives of this program is to ensure that the BAT/AKART for the six Phase I and Phase II streams from T Plant UO3/U Plant, 284-W Power Plant, and the 2101-M Lab is implemented in time to meet the following June 1995 Tri-Party Agreement Milestones:

- M-17-00A, "Complete Facility Upgrades for all Phase I Streams"
- M-17-08B, "Implement BAT/AKART at the Generating Facilities"
- M-17-17, "Cease Discharge of UO₃/U Plant Wastewater to the 216-U-14 Ditch"
- M-17-19, "Cease Discharge to the 216-U-17 Crib"
- M-17-38, "Cease All Discharges to the 284-W Powerplant Pond"
- M-17-41, "Cease All Discharges to the 216-T-4-2 Ditch"
- M-17-42, "Cease All Discharges to the 216-T-1 Ditch"
- M-17-43, "Cease All Discharges to the 2101-M Pond"

Specific FY 1994 objectives are:

- Initiate revisions to Generating Facility Safety Documentation to accommodate impacts of constructing and implementing the BAT/AKART at each facility as required.
- Finalize determinations of permits required for implementing BAT/AKART at each facility.
- Initiate preparation of required permit applications.

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- Complete definitive design of the BAT/AKART systems.
- Initiate construction of the BAT/AKART systems.

1B3 - 300 Area TEDF Operations (WBS - A23/1.2.2.1.3)

300 Area TEDF Operations (L-045H) - WBS 1.2.2.1.3.1 (A2310)

- Provide ongoing program support to allow treatment facility construction and start-up activities to comply with the Tri-Party Agreement Milestone of "hot start-up" by December 1994. Support will be adequate to assure the following:
 - Construction activities are tracked for overall impact on the operational readiness of the facility.
 - Readiness review activities proceed in support of the overall schedule for testing and start-up.
- Provide ongoing support as the "central point" of contact for all permitting and regulatory compliance needs. Support will be adequate to assure the following:
 - Construction activities are compliant with applicable regulatory requirements, including adequacy for discharge of treated effluent under the NPDES portion of the CWA.
 - Completion and/or subsequent approval of the following during FY94;
 - (1) NPDES Permit
 - (2) Washington State Department of Ecology Water Quality Modification Permit
 - (3) Corps of Engineers Permit application (Clean Water Act 404 Permit)
 - (4) Washington State Department of Natural Resources Aquatic Land Lease
 - (5) County of Benton Shoreline Permit
- Provide ongoing process engineering support to assure that the facility can be constructed and operated in a safe and environmentally compliant manner, including:
 - Adequate implementation of the proposed BAT. This is accomplished through the technical overview of changes to the detailed design required during construction by the Architect/Engineer.

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- Process control requirements are established to support acceptance testing, operational testing, and actual operations of the facility.
 - Engineering data and other relevant information is provided to support permitting activities and contracted engineering services.
 - Documents prepared by the Architect/Engineer receive the appropriate level of review. Serve as a central point of contact and assist in the resolution of the review comments.
 - The Operations organization is supported on a "day to day" basis with cognizant level engineering services as defined within the engineering practices manual. Particular emphasis to be placed on supporting Process Safety and Control measures which, (1) establishes generator requirements, (2) provides independent overview of generator compliance to requirements, and (3) facilitates the integration of engineering activities implemented by the generators to meet applicable requirements. This includes interfacing with the PNL contractor.
 - Provide technical support for development of the applicable operational safety documents.
- Provide ongoing Operations support to assure the facility can be constructed and operated in a safe and environmentally compliant fashion, including:
 - The Architect/Engineer and construction activities are integrated with operational needs
 - Implement Operational Safety and Process Control requirements which establish generator requirements, provide adequate management controls for interim operations prior to "hot startup", and which provide for subsequent operation of the treatment facility. The key elements for achieving this objective during FY 1994 includes implementation of the;
 - (1) Waste Acceptance Criteria Plan which establishes the influent receiving criteria for the treatment facility.
 - (2) Facility Certification Plan which establishes a certification process for each generating facility to assure compliance with the Waste Acceptance Criteria. In addition, facilities certify flow rates, inventory of constituents routed to process sewer, and potential upsets.

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- (3) Volume and Flow Reduction Control Plan which establishes controls to assure flow rates do not exceed design capacity or commitments.
- Provide overview of generator compliance to Operational Safety and Process Control requirements and facilitate the integration of engineering activities implemented by the generators to meet applicable requirements. This includes interfacing with the PNL contractor.
- Provide operational support for development of the applicable operational safety documents.

340/307 Facility Operations - WBS 1.2.2.1.3.2 (A2320)

Provide liquid waste accumulation (340 Facility) and retention process sewer (307 Facility) monitoring and diversion capabilities in support of 300 Area laboratory activities.

- TPA Milestone M-10 requires WHC to "complete analyses of at least two complete core samples from each single-shell tank". Sampling is performed by the 300 Area Laboratories (PNL operated). Wastes are then sent to the 340 Facility for temporary storage and transfer to long-term storage. The 340 Facility must remain compliant and operational for these milestones to be met by the 300 Area Laboratories and TWRS.
- Complete maintenance upgrades to the 307 basins and level detectors in the 340 tanks.
- Complete identification of all contributors to the Radioactive Liquid Waste System (RLWS) and the Retention Process Sewer (RPS) system, and develop required documentation for controls.
- Ensure monitoring and sampling systems at 307 are adequate to meet the acceptance criteria of the 300 Area Treated Effluent Disposal Facility.
- Complete the integrity assessment of the 340 tank system.

1B4 - Systems Engineering (WBS - A24/1.2.2.1.4)

Phase II Streams (W-252) - WBS 1.2.2.1.4.1 (A2410)

- The objective of the Phase II Liquid Effluent Program is to bring these wastewater streams into compliance with Section 304 of the Clean Water Act, which requires the application of BAT. Also, Washington

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WBS 1.2.2.1

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Administrative Code requires the application of AKART to all wastewaters proposed for discharge in the State. In accordance with DOE Orders, waste minimization will also be a requirement of the project design. Per the TPA Milestone M-17-00B, BAT/AKART must be implemented for all Phase II liquid effluent streams by October 1997.

Specific objectives for FY 1994 include:

- Complete resolving the Ecology comments on the "Phase II Effluent Program (Project W-252) Wastewater Engineering Report and BAT/AKART Studies."
- Initiate efforts to revise/update the 200 Area TEDF/Generating Facility Interface Control Document to include the Phase II Streams.
- Initiate and complete advanced conceptual design.
- Complete the Project Management Plan.
- Prepare a Safety Documentation Program Plan.
- Prepare Automated Data Processing Plan.

200 Area ETF Systems Engineering Support - WBS 1.2.2.1.4.2 (A2420)

- Additional Organic Destruction Study - Evaluate the options for adding additional or alternative organic destruction to the 200 Area ETF.
- Evaluate the optimization of the LERF to allow the recycle of liquid, use of one treatment train, addition of capacity, bypassing treatment trains, etc..
- Complete the LERF Basins Alternative Uses Study.
- Work continues on the set-up of the 1706-KE facility in which hot Pilot plant testing will be conducted.
- Perform evaluations on feasibility of additional waste streams to the 200 Area ETF such as purge water, K Basin, N Reactor, groundwater, leachate from RCRA burial trenches, etc.
- Manage the operation of the Treatability laboratory.
- Conduct an engineering study to support the TPA milestone for evaluation of tritium removal technologies.

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WBS 1.2.2.1

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- Support the construction of the load-in/load-out facilities at the Treatability Laboratory and LERF basins.

300 Area TEDF Systems Engineering Support - WBS 1.2.2.1.4.3 (A2430)

- Perform an engineering study on the replacement of the 340 Facility.
- Provide systems engineering support to review, plan and make decisions on potential long term options such as connection with the City of Richland POTW or privatization of the facility.

Miscellaneous Streams - WBS 1.2.2.1.4.4 (A2401)

- A plan and schedule for disposition and regulatory compliance for all remaining Miscellaneous streams to Ecology for approval is scheduled for completion by January 1994.
- In addition, WAC 173-216 (or WAC 218 where applicable) permit applications are required for the following Miscellaneous streams by June 1994:

- 209-E Building Steam Condensate
 - 400 Area Sanitary Wastewater
 - 200-W Powerhouse Ash Wastewater
 - 200-E Powerhouse Ash Wastewater
 - 300 Area Powerhouse Ash Wastewater
 - 100-N Sanitary Sewer System
 - 300 Area Filter Backwash
 - 300 Area Sanitary Sewer System
 - 272-E, 2703-E Buildings Wastewater
 - 183-N Filter Backwash

- A WAC 216 permit application is required for the 234-5Z Ventilation Steam Condensate/Dry Air Compressor Cooling water effluent stream by September 1994.

Treatability Laboratory - WBS 1.2.2.1.4.5 (A2450)

- Complete transfer of equipment from 2703E, Chemical Engineering Laboratory, to the 1706E Facility.
- Complete LERF filtration testing.
- Perform testing routines on actual waste when available.

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WBS 1.2.2.1

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1C. Program Priorities

Priorities have been established within the Liquid Effluents Program and are reflected on program building block charts found in the Multi-Year Program Plan. For FY 1994, workscope priorities are listed below. Following this list is a review of priority tasks within each of the major program activities.

Building Block Priority

- Support the ongoing operations of the 340/307 Facilities.
- Complete the remaining startup activities for the LERF basins and support the operation of those basins to support the restart of the 242-A Evaporator.
- Complete the construction, support to Project C-018H, and permitting of the 200 Area Effluent Treatment Facility.
- Support the staffing and preparations for the startup of the ETF.
- Complete the construction, support to Project W-049H, and permitting of the 200 Area TEDF and prepare for the operation of the facility by the 200 Area ETF forces.
- Complete support for the implementation of BAT/AKART (Project W-291H) for specific 200 Area facilities.
- Complete the construction, support to Project L-045H, and permitting of the 300 Area TEDF.
- Support the staffing and preparations for the startup of the 300 Area TEDF.
- Complete Interim Compliance WAC 173-216 permitting, implementation of approved Sampling and Analysis Plans, and groundwater assessments to support Consent Order requirements.
- Support the completion of the Phase II Stream Project W-252 to implement BAT/AKART at selected Phase II stream facilities.
- Complete a Plan and Schedule for the disposition of Miscellaneous Streams on the Hanford Site, obtain required WAC 173-216 Permits, and define requirements, if any, for future capital projects to bring streams into compliance with current regulations and permit requirements.

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- Complete a Tritium Removal Engineering Study in support of the 200 Area ETF disposal site.

Priorities Within Major Activities

Program Management/Administration

- Coordinate activities of the Liquid Effluents program.
- Provide customer interface on matters of administration, budget, and planning
- Provide budget, cost, schedule, and funds management services to the Liquid Effluents Program

340/307 Facility Operations

- Provide liquid waste accumulation (340 Facility) and retention process sewer (307 Facility) monitoring and diversion capabilities in support of 300 Area laboratory activities.

Liquid Effluent Retention Facility

- Complete Operational Testing of basin #44 after repair of the liner.
- Priority will be given to operation and surveillance of the facility.
- Complete the LERF Basins Alternative Uses Study.

Effluent Treatment Facility (C-018H)

- The final submittal of the delisting petition was made in August 1993. Subsequently EPA will be provided with any supplemental data requested to support petition approval by facility startup.
- The continued support of the RCRA Part B permit application is required by the terms of interim status expansion. Once received from Ecology, comments will be incorporated into the permit.

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WBS 1.2.2.1

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- The WAC 216 Wastewater discharge permit must be approved prior to start-up in June 1995⁵. The negotiations as to the point-of-compliance for the permit must continue throughout the year.
- Complete staffing ramp-up to support facility startup.
- Readiness Review must be initiated at the anticipated level for the low-hazard, nuclear facility.

200 Area Treated Effluent Disposal Facility (W-049H)

- Complete the disposal site characterization report and submit it to Ecology as a supplement to the 200 Area Treated Effluent Disposal Facility (Project W-049H) Wastewater Engineering Report by October 29, 1993, to satisfy a Ecology Consent Order No. DE 91NM-177 Table 2 milestone.
- Perform additional groundwater monitoring activities (sampling and analyses) to provide continuity from the baseline groundwater characterization to the disposal site operational phase.
- Complete preparation of the SEPA Checklist and the WAC 173-216 Permit Application and submit them to Ecology.
- Complete implementation of the Generating Facility certification plans.
- Complete, and submit to Ecology, Operations and Maintenance Manuals to satisfy WAC 173-240 requirements.
- Continue the collection system construction.
- Award the Disposal System construction contract and initiate construction.
- Complete the instrumentation/controls definitive design and procurement and initiate installation.
- Complete preparation of preventative maintenance procedures.
- Initiate Readiness Review activities.

⁵ The original TPA date of October 1994 has been delayed. For planning purposes this date has been revised to June 1995. TPA Change Request M-17-93-07 is being processed to document this change caused primarily by a delay in Ecology's SEPA determination, funding constraints, and new operating/startup requirements.

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200 Area BAT/AKART Implementation (W-291)

- Initiate and complete definitive design.
- Initiate construction.
- Finalize determination of permits required to implement BAT/AKART and initiate required permit applications.
- Initiate revisions to Generating Facility safety documentation to accommodate impacts of the implemented BAT/AKART.

300 Area Treated Effluent Disposal Facility (L-045H)

- Complete operational testing and readiness requirements necessary to support Tri-Party Agreement Milestone M-17-09 for "hot start-up" by December 1994.
- Acquire and train operations and engineering personnel to support operational testing and full scale operation of the treatment facility.
- Obtain necessary environmental permits with emphasis on those which govern surface water discharge.
- Fully implement generator requirements for upstream facilities. Ensure process safety and control measures for interim operations are adequate prior to the December 1994 hot startup.

Interim Compliance

- Apply for and obtain WAC 173-216 State Waste Discharge Permits as appropriate for Phase II streams.
- Complete characterization of these effluents and fully implement the Sampling and Analyses Plans.
- The impact of continued interim discharge of these effluents will be assessed to determine their impacts on the ground-water beneath the Hanford Site. Also, the ability to provide (via LEMIS) on-line characterization data for effluent streams is of a secondary nature. Provision of this capability allows for prompt data access and contributes to the overall satisfaction of the regulatory agencies who oversee Hanford operations.

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Phase II Streams (W-252)

- Work with facilities to implement BAT/AKART as identified in the Phase II Liquid Effluent Program (Project W-252) Wastewater Engineering Report and BAT/AKART Studies.
- Initiate and complete the Advanced Conceptual Design.
- Complete resolving the Ecology comments on the Phase II Program (Project W-252) Wastewater Engineering Report and BAT/AKART Studies.
- Initiate and complete the safety documentation program plan.
- Revise/update the 200 Area TEF (Project W-049H) Interface Control Document to accommodate the incorporation of the Phase II streams as additional streams to discharge to the 200 Area TEF.
- Initiate and complete the ADP (Automated Data Processing) Plan.

Miscellaneous Streams

- Program priorities for Fiscal Year 1994 are to ensure that all miscellaneous streams are brought into full compliance with state laws relating to the discharge of effluents to the ground-waters of the state (WAC 173-216, WAC 173-218, WAC 173-240, and WAC 246-272). This will be brought about, in part, by the fulfillment of the specified Consent Order milestones on or before their due date. The specific milestones are the submission of the plan and schedule for all miscellaneous streams by January 1994 and the submission of the above noted eleven WAC 216 (or WAC 218) permit applications by June and September 1994 as necessary.
- Of secondary priority are the preliminary engineering activities required to identify and establish two capital improvement projects which are assumed to be necessary to bring the Miscellaneous Streams into compliance. These activities include the preparation and issuance of a Conceptual Design Plan for each project and preparation and submission of Short Form Data Sheets.

LIQUID EFFLUENTS WBS 1.2.2.1

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1D. Program Assumptions and Constraints

1D1 - Program Management (WBS - A21/1.2.2.1.1)

Program Management/Administration - WBS 1.2.2.1.1.1 (A2110)

- Funding remains available to meet the needs of all currently scheduled workscope.

WSCF Laboratory Support - WBS 1.2.2.1.1.2 (A2120)

- It is assumed that the milestone to start up the WSCF Laboratory is either slipped or redefined to accommodate the planned delay in ETF startup from October 1994 to June 1995.
- All FY 1994 support required from the WSCF is engineering support to assist in the identification of sampling requirements and preparation of sampling plans.

LERF Operations - WBS 1.2.2.1.1.3 (A2130)

- It is assumed that the 242-A Evaporator will be given the approval to restart before the end of FY 1994 using the two available basins.
- It is assumed that repair and testing of basin #44 liner will be completed during FY 1994, and all construction claims settled before the close of FY 1994.

Interim Compliance - WBS 1.2.2.1.1.4 (A2140)

- All Tri-Party Agreement and Consent Order Milestones will be accomplished on schedule.
- Soil Column discharges will be permitted through the State Waste Discharge Permit Program and the river discharge, if any, will be permitted through the National Pollutant Discharge Elimination System (NPDES).
- Laboratory capacity and availability will be sufficient to analyze liquid effluent samples in a timely manner. Validation of analytical data will be performed without problems.

LIQUID EFFLUENTS WBS 1.2.2.1

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1D2 - 200 Area ETF Operations (WBS - A22/1.2.2.1.2)

200 Area ETF Operations - WBS 1.2.2.1.2.1 (A2210)

- FY 1994 Cost Account Authorizations and Cost Account Plans are based upon ETF startup being slipped from October 1994 to June 1995. See TPA Change Request M-17-93-07. (June 1995 date established for planning purposes only; Change Request indicated date is to be determined.)
- The permitting process continues to be the prime driver in meeting the start-up milestones for the Liquid Effluent Treatment projects and it is assumed that the time allotted in the project schedules for the permit application development and subsequent approvals is aggressive. These regulations and the resulting compliance agreements are requiring permits never before pursued at Hanford.
- It is assumed that the Effluent Treatment Facility personnel can be hired and trained in time for startup in June 1995⁶.
- It is assumed that the C-018H project is covered under interim status expansion.
- It has been assumed that the effluents stored in the LERF basins and the Evaporator process condensate are listed wastes ("derived from") and will require a federal delisting after treatment and prior to discharge to the soil column.
- The delisting strategy is based on the assumption that the treatment technologies selected for the ETF process train will result in a robust treatment system capable of treating any 242-A Evaporator PC which could reasonably be expected. The envelope testing demonstrated this capability using surrogate feed. The treatment capabilities will be further demonstrated via a testing program using actual 242-A Evaporator feed. The schedule for this testing program is dependent upon 242-A Evaporator restart which has been delayed several times.
- It has been assumed that the Operational Readiness Review (ORR) for this facility will be completed using the graded approach, reflective of the hazard classification of low hazard, nuclear for the ETF. If this

⁶ The original date of October 1994 is being delayed. For planning purposes this date has been revised to June 1995. TPA Change Request M-17-93-07 is being processed to document this change caused primarily by a delay in Ecology's SEPA determination, funding constraints, and new operating/startup requirements.

LIQUID EFFLUENTS

WBS 1.2.2.1

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category is changed or the ORR requirements are increased the schedule and costs will be significantly impacted.

- It is assumed that soil column discharges will be permitted through the State Waste Discharge Permit Program.
- There are some potential technology constraints, discussed in the Multi-Year Program Plan in detail, that have been identified, these are identified below:
- Secondary Waste Treatment - In the treatment process, secondary waste products will be generated and new technologies may be required/applied to stabilize and dispose of this new waste.
- On-Line Instrumentation - The concentrations of contaminants (radioactive and chemical constituents) in the effluents are very low in most cases. This may result in a need for holding tanks or some other way to slow the process to adequately verify the process. Improvements in instrumentation may be required to optimize the process and minimize costs.
- Analytical Support - Operation of effluent treatment and disposal facilities will depend heavily on effluent sample analytical support. Cheaper, faster alternatives for analytical services need to be identified.
- There are other, less significant technology constraints which relate to the Effluent Treatment Programs activities. Most of these, including the three identified above, are the subject of ongoing engineering evaluations and discussions with the regulatory agencies.

200 Area TEF Operations - WBS 1.2.2.1.2.2 (A2220)

- The basic assumption is that BAT/AKART will be implemented at the generating facilities by June of 1995 and therefore the liquid effluents entering the 200 Area TEF collection system will meet the WAC 173-216 permit limits for discharge to the disposal ponds. Selected BAT/AKART for the following waste streams will result in their elimination:
 - S Plant Wastewater
 - 242-S Evaporator Steam Condensate
 - PUREX Plant Steam Condensate
 - PUREX Plant Cooling Water
 - 2101-M Laboratory Wastewater

LIQUID EFFLUENTS

WBS 1.2.2.1

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- Upgrade projects and funding currently exist to implement BAT/AKART for the following streams:
 - PUREX Chemical Sewer
 - B Plant Chemical Sewer
 - Plutonium Finishing Plant Wastewater
 - 222-S Laboratory Wastewater
 - B Plant Steam Condensate
 - B Plant Process Condensate
 - HWVP Wastewater
 - 242-A-81 Building Wastewater
- The successful completion of the mission of the 200 Area TEF is constrained by the need for capital funding to implement BAT/AKART via HEC Line Item Subproject W-291H for the following streams:
 - UO3 Plant Process Condensate
 - UO3/U Plant Wastewater
 - 284-W Powerplant Wastewater
 - T Plant Wastewater
 - T Plant Lab Wastewater
 - 2101-M Lab Wastewater
- Generators will understand the requirements/criteria for discharging into the TEF pipeline and will control all effluents as defined within their Waste Certification Plans.
- Other assumptions are:
 - The 200 Area TEF is a non-RCRA facility.
 - The 200 Area TEF is a "general use" facility.
 - The selected disposal site characterizes as a suitable soil column disposal site.
 - Ecology will approve the selected stream BAT/AKART and provide a 216 Soil Column Discharge Permit.
 - Clean closure of B-Pond lobes for subsequent interim use of current discharge effluent.
 - The 200 Area TEF collection system and disposal system designs are adequate to accept the 200 Area Phase II Stream discharges after BAT/AKART has been implemented for those streams.

LIQUID EFFLUENTS

WBS 1.2.2.1

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200 Area BAT/AKART (W-291H) - WBS 1.2.2.1.2.3 (A2230)

Assumptions inherent in the 200 Area BAT/AKART Implementation planning are:

- The 200 Area TEDF will be operational by June 1995.
- Only minor revisions to the existing facility safety documentation will be required to update those documents for the safety impacts of the implemented BAT/AKART at those facilities. No safety documentation revisions nor new safety documentation will be required for the General Use Facilities having BAT/AKART implemented under this Program.

1D3 - 300 Area TEDF Operations (WBS - A23/1.2.2.1.3)

300 Area TEDF Operations - WBS 1.2.2.1.3.1 (A2310)

- Interim discharge to the process trenches continues until "hot start-up" of the treatment facility.
- The time and resources allocated during FY 1994 for obtaining permits, some of which are new to the Hanford Site, is adequate.
- The 300 Area Treated Effluent Disposal Facility will discharge treated liquid effluent to the Columbia River and potential public concern about discharge to river will be resolved through the NPDES permitting process.
- It is assumed that facility personnel can be hired and trained in time for start-up of the facility in December 1994.
- The detailed design submitted to the regulatory agencies is accepted as BAT. Ecology has formally identified that comments were adequately addressed in the detailed (100%) design. EPA will ensure BAT through NPDES permit limits and requirements.
- The 300 Area process wastewater is a non-hazardous effluent.
- The 300 Area Treated Effluent Disposal Facility maintains its classification as a low-hazard, "non-nuclear" facility and all associated hazards have been addressed.
- The effort into determining viability of sending process wastes to the City of Richland POTW will be performed in parallel to the construction and operation of the TEDF. Limited term operation of TEDF will be required (due to current schedule constraints) even if the POTW Option is determined to be the long term option to pursue.

LIQUID EFFLUENTS

WBS 1.2.2.1

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340/307 Facility Operations - WBS 1.2.2.1.3.2 (A2320)

- TWRS will provide the necessary funds through Cost Account 1N4C35 in the amount of \$4,136K to maintain safe operations and perform necessary modifications to bring the facility into regulatory compliance.
- Currently tank and piping systems at the 340 Facility are non-compliant. The 340 Facility Engineering Study has not been completed, and therefore was not included in the original M-32 proposal. Until this compliance agreement is approved, continued utilization of the non-compliant (40 Code of Federal Regulation [CFR] 264 subpart J, WAC 173-303-040, [18/640 (2)]) tank and piping systems could result in a Notice of Violation. This would significantly impact continued TWRS operations and the Hanford Site restoration.

1D4 - Systems Engineering (WBS - A24/1.2.2.1.4)

Phase II Streams (W-252) - WBS 1.2.2.1.4.1 (A2410)

- The Phase II Streams within this subactivity are non-RCRA streams.
- The Advanced Conceptual Design will be completed by the end of FY 1994.
- The WAC 173-216 Permit Applications for the interim discharge of the 183-D Water Treatment Facility filter backwash and the 200 East Area Phase II streams will be certified by RL and submitted to Ecology by December 31, 1993.
- The Ecology comments on the Phase II Liquid Effluent Program (Project W-252) Wastewater Engineering Report and BAT/AKART Studies will be resolved with no changes to the BAT/AKART required.
- The FY 1995 capital funding will be provided by DOE-HQ from redistribution of TWRS capital funds.
- The FY 1996-97 capital funding and required supporting expense funding will be available through ADS 2300-1 as needed to support the Project schedule and assure the activities can be completed in time to meet the TPA Milestone M-17-00B.
- Only minor revisions to existing facility safety documentation will be required to update those documents for the safety impacts of the implemented BAT/AKART at those facilities. No safety documentation revision nor new safety documentation will be required for the General Use Facilities having BAT/AKART implemented under this Program.

LIQUID EFFLUENTS WBS 1.2.2.1

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200 Area ETF Systems Engineering Support - WBS 1.2.2.1.4.2 (A2420)

- None.

300 Area TEDF Systems Engineering Support - WBS 1.2.2.1.4.3 (A2430)

- None.

Miscellaneous Streams - WBS 1.2.2.1.4.4 (A2440)

- All Tri-Party Agreement and Consent Order Milestones will be accomplished on schedule.
- Funding for the Miscellaneous Streams program will be sufficient to perform all necessary actions to assure full compliance with state laws and regulations in a timely manner.
- The signing of the Consent Order in February 1992 set the stage and tone for identifying all miscellaneous streams and taking all actions necessary to correct any deficiencies for any streams not in full compliance. The submission of the final plan and schedule for accomplishing this work will be based upon the major assumption that full funding will be available.

Treatability Laboratory - WBS 1.2.2.1.4.5 (A2450)

- A Research, Development, and Demonstration Permit for testing with actual waste feed is approved by EPA.

LIQUID EFFLUENTS
WBS 1.2.2.1

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2.0 PROGRAM TECHNICAL BASELINE

2A Program Work Breakdown Structure (WBS)

- 2A1 Old WBS (basis for ADS)
- 2A2 New WBS (Program aligned as Operational Program)
- 2A3 Cost Account/WBS Accountability

2B WBS Index and Responsibility Assignment Matrix (RAM)

2C Program Deliverables

2D Program Logic Diagrams

LIQUID E. FLUENTS

FY1994 WBS 1.2.2.1

1994 FYWP

WHC-SP

LIQUID E. FLUENTS

1994 WBS 1.2.2.1

1994 FYWP

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LIQUID EFFLUENTS WBS 1.2.2.1

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Revised Liquid Effluents Work Breakdown Structure emphasizes facility operations as opposed to the original chart on the preceding pages which was applicable in the program development phase of the Liquid Effluents Program. The charts on the following pages identify the transition from the program office to the operations based structure and accounts for all previously planned cost accounts.

SOLID/LIQUID WASTE and DECONTAMINATION SERVICES
WBS - A/1.2

LIQUID
WBS - A2/1.2.2

LIQUID EFFLUENTS
WBS - A2/1.2.2.1

PROGRAM MANAGEMENT
WBS - A21/1.2.2.1.1

- Prog Mgmt/Admin
WBS 1A2110/1.2.2.1.1.1
- WSCF Lab Support
WBS 1A2120/1.2.2.1.1.2
- LERF Operations
WBS 1A2130/1.2.2.1.1.3
- Interim Compliance
WBS 1A2140/1.2.2.1.1.4
- CENRTC
WBS 2A21xx

200 AREA ETF OPERATIONS
WBS - A22/1.2.2.1.2

- 200 A ETF Oprns (C-018H)
WBS 1A2210/1.2.2.1.2.1
- 200 A TEDF Supt (W-049H)
WBS 1A2220/1.2.2.1.2.2
- 200 A BAT/AKART (W-291)
WBS 1A2230/1.2.2.1.2.3

300 AREA TEDF OPERATIONS
WBS - A23/1.2.2.1.3

- 300 A TEDF Oprns(L-045H)
WBS 1A2310/1.2.2.1.3.1
- 340/307 Facility Oprns.
WBS 1A2320/1.2.2.1.3.2

SYSTEMS ENGINEERING
WBS - A24/1.2.2.1.4

- Phase II Strms (W-252)
WBS 1A2410/1.2.2.1.4.1
- 200 A ETF Sys Eng Supt
WBS 1A2420/1.2.2.1.4.2
- 300 A TEDF Sys Eng Supt
WBS 1A2430/1.2.2.1.4.3
- Misc Streams
WBS 1A2440/1.2.2.1.4.4
- Treatability Lab
WBS 1A2450/1.2.2.1.4.5
- Lab LI/LO GPP W-342
WBS 3A24xx/1.2.2.1.4.6

LIQUID EFFLUENTS WBS 1.2.2.1

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COST ACCOUNT/WBS ACCOUNTABILITY

The chart below compares the revised WBS with the old account structure and identifies the redistribution of the Program workscope.

LIQUID EFFLUENTS WBS 1.2.2.1

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COST ACCOUNT/WBS ACCOUNTABILITY (cont)

LIQUID EFFLUENTS WBS - A2/1.2.2.1

300 AREA TEDF OPERATIONS WBS - A23/1.2.2.1.3

New Cost Accounts

- 300 A TEDF Ops(L-045H)
WBS 1A2310/1.2.2.1.3.1
- 340/307 Facility Oprns.
WBS 1A2320/1.2.2.1.3.2

Old Cost Accounts

- 1A2GC5 - 300 A TEDF Facility Oprns
- 1A2GC6 - 300 A TEDF Oprns Support
- 1A2LC3 - 300 A TEDF Permitting
- 1A2LC4 - 300 A TEDF Eff Proc Eng
- TWRS Funds 340/307 Operations

SYSTEMS ENGINEERING WBS A24/1.2.2.1.4

New Cost Accounts

- Phase II Strms (W-252)
WBS 1A2410/1.2.2.1.4.1
- 200 A ETF Sys Eng Supt
WBS 1A2420/1.2.2.1.4.2
- 300 A TEDF Sys Eng Supt
WBS 1A2430/1.2.2.1.4.3
- Misc Streams
WBS 1A2440/1.2.2.1.4.4
- Treatability Lab
WBS 1A2450/1.2.2.1.4.5
- Lab LI/LO GPP W-342

Old Cost Accounts

- 1A2EC3 - Phase II Permitting
- 1A2EC4 - Phase II Eff Proc Eng
- 1A2ECW - Phase II Projects Supt
- 1A2CC4 - 200 A ETF Proc Eng
New - Tritium Eng Study
- TWRS Fund Prj W-345 (307 Basin Maint)
- TWRS Fund Prj W-302 (340 Replacement)
- TPInt Fund Prj W-353 (Monitor Replace)
- TPInt Fund Prj W-337 (NESHAP Upgrade)
- New Proj L-070 (RPS Replacement)
- POTW Option
- 1A2FC3 - Misc Strms 216 Permits
- 1A2FC4 - Misc Strms Process Eng
- 1A2FC7 - Misc Strms Safety
- 1A2FCT - Misc Strms QA
- 1A2FCP - Misc Strms Proj Eng
- 1A2FCE - Misc Strms Eng Support
- 1A2FCH - Misc Strms Sample/Analysis
- 1A2FCS - Misc Strms Sampling
- 1A2CC9 - Treatability Lab
- 1A2CC1 - ETF Prog Mgmt

**LIQUID EFFLUENTS
WBS 1.2.2.1**

1994 FISCAL YEAR WORK PLAN

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2B. WBS Index and Responsibility Assignment Matrix (RAM)

Work Breakdown Structure Index

Work Breakdown Structure Dictionary Part 1 - Index										Project Contractor Westinghouse Hanford Company		Contract Number: DE-AC06-87RL10930		Date: 06-04-93	
Line No	Work Breakdown Structure Elements									Contractor WBS Code	Budget and Reporting Class (7)	Phase (8)	Other (9)		
	Indenture Level													Title (6)	
	1	2	3	4	5	6	*	*	*						
1	X									SOLID/LIQUID WASTE & DECONTAMINATION SERVICES	A 1.2	EW			
2		X								LIQUID	A2	EW30			
3		X								LIQUID EFFLUENTS	A2 1.2.2.1	EW30			
4			X							PROGRAM MANAGEMENT	A21 1.2.2.1.1	EW3130020			
5				X						Program Mgmt/Admin	A2110 1.2.2.1.1.1	EW3130020			
6				X						WSCF Lab Support	A2120 1.2.2.1.1.2	EW3130020			
7				X						LERF Operations	A2130 1.2.2.1.1.3	EW3130020			

LIQUID EFFLUENTS
WBS 1.2.2.1

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Work Breakdown Structure Dictionary Part 1 - Index										Project Contractor Westinghouse Hanford Company		Contract Number: DE-AC06-87RL10930		Date: 06-04-93	
Line No	Work Breakdown Structure Elements									Contractor WBS Code	Budget and Reporting Class (7)	Phase (8)	Other (9)		
	Indenture Level													Title (6)	
	1	2	3	4	5	6	*	*	*						
8				X						Interim Compliance A2140 1.2.2.1.1.4	EW3130020				
9			X							200 AREA ETF OPERATIONS A22 1.2.2.1.2	EW3130020				
10				X						200 Area ETF (C- 018H) Operations A2210 1.2.2.1.2.1	EW3130020				
11				X						200 Area TEDF Supt (W-049H) A2220 1.2.2.1.2.2	EW3130020				
12				X						200 Area BAT/AKART (W-291) A2230 1.2.2.1.2.3	EW3130020				
13			X							300 AREA TEDF (L- 45H) OPERATIONS A23 1.2.2.1.3	EW3130020				
14				X						300 Area TEDF Operations A2310 1.2.2.1.3.1	EW3130020				
15				X						340/307 Facility Operations A2320 1.2.2.1.3.2	EW3130020				
16			X							SYSTEMS ENGINEERING A24 1.2.2.1.4	EW3130020				

LIQUID EFFLUENTS
WBS 1.2.2.1

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Work Breakdown Structure Dictionary Part 1 - Index										Project Contractor Westinghouse Hanford Company		Contract Number: DE-AC06-87RL10930	Date: 06-04-93	
Line No	Work Breakdown Structure Elements									Contractor WBS Code	Budget and Reporting Class (7)	Phase (8)	Other (9)	
	Indenture Level													Title (6)
	1	2	3	4	5	6	*	*	*					
17				X						Phase II Streams (W-252) A2410 1.2.2.1.4.1	EW3130020			
18				X						200 Area ETF Systems Eng Supt A2420 1.2.2.1.4.2	EW3130020			
19				X						300 Area TEDF Systems Eng Supt A2430 1.2.2.1.4.3	EW3130020			
20				X						Misc. Streams A2440 1.2.2.1.4.4	EW3130020			
21				X						Treatability Lab A2450 1.2.2.1.4.5	EW3130020			

LIQUID EFFLUENTS **WBS 1.2.2.1**

1994 FISCAL YEAR WORK PLAN

8:

Responsibility Assignment Matrix (RAM)

Program Management **(WBS A21/1.2.2.1.1)**

Work Breakdown Structure ID	Description	Work Breakdown Structure Manager	Responsible	
			Organization	Description Manager
1A2110 1.2.2.1.1.1	Program Management and Administration	AJ DiLiberto	86100 Liquid Effluent Progs	AJ DiLiberto
1A2120 1.2.2.1.1.2	WSCF Lab Support	AJ DiLiberto	12550 Analytical Laboratory Coordination	JH Kessner
1A2130 1.2.2.1.1.3	LERF Operations	AJ DiLiberto	7C100 Facility Operations	WE Ross
1A2140 1.2.2.1.1.4	Interim Compliance	AJ DiLiberto	86160 Liquid Effluents	DR Speer

200 Area Effluent Treatment Facility Operations **(WBS A22/1.2.2.1.2)**

Work Breakdown Structure ID	Description	Work Breakdown Structure Manager	Responsible	
			Organization	Description Manager
1A2210 1.2.2.1.2.1	200 Area ETF Operations (Project C-018H)	BF Weaver	86200 Effluent Treatment Facilities Operations	BF Weaver
1A2220 1.2.2.1.2.2	200 Area TEDF Support (Project W-049H)	BF Weaver	86200 Effluent Treatment Facilities Operations	BF Weaver
1A2230 1.2.2.1.2.3	200 Area BAT/AKART Implementation (Project W-291H)	BF Weaver	86200 Effluent Treatment Facilities Operations	BF Weaver

LIQUID EFFLUENTS **WBS 1.2.2.1**

1994 FISCAL YEAR WORK PLAN

8:

300 Area Treated Effluent Disposal Facility Operations **(WBS A23/1.2.2.1.3)**

Work Breakdown Structure ID	Description	Work Breakdown Structure Manager	Responsible	
			Organization	Description Manager
1A2310 1.2.2.1.3.1	300 Area TEDF Operations (Project L- 045H)	JA Eacker	86130 300 A Effluent Treatment Disposal	JA Eacker
1A2320 1.2.2.1.3.2	340/307 Facility Operations	LW Roberts	86130 300 A Effluent Treatment Disposal	LW Roberts

Systems Engineering **(WBS A24/1.2.2.1.4)**

Work Breakdown Structure ID	Description	Work Breakdown Structure Manager	Responsible	
			Organization	Description Manager
1A2410 1.2.2.1.4.1	Phase II Streams (Project W-252)	DW Lindsey		
1A2420 1.2.2.1.4.2	200 Area ETF Systems Engineering Support	DW Lindsey		
1A2430 1.2.2.1.4.3	300 Area TEDF Systems Engineering Support	DW Lindsey		
1A2440 1.2.2.1.4.4	Miscellaneous Streams	DW Lindsey	86160 Liquid Effluent Programs	DR Speer
1A2450 1.2.2.1.4.5	Treatability Lab	DW Lindsey		MJ Schliebe
	Lab LI/LO GPP W-342		86100 Liquid Effluents Programs	C Hatch

LIQUID EFFLUENTS
WBS 1.2.2.1

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2C. Program Deliverables

PROGRAM DELIVERABLES					
Item No.	Title	Description	Frequency of Issuance	Due Date	Assigned Responsibility
Program Management - WBS 1.2.2.1.1 (A21)					
1	183-D WAC 173-216 Permit (Interim Compl)	Prepare and submit to RL for delivery to Ecology for approval WAC 173-216 Permit application for 183-D effluent	One time	11-30-93 to RL 12-31-93 to Ecology	RW Oldham Complete to RL 12-01-93
2	Other Phase II Stream WAC 173-216 Permit (Interim Compl)	Prepare and submit to RL for delivery to Ecology for approval WAC 173-216 Permit application for "Other" Phase II streams	One time	11-30-93 to RL 12-31-93 to Ecology	RW Oldham Complete to RL 12-01-93
3	216-S-26 Crib GW Impact Assessment (Interim Compl)	Prepare and issue a report compiling the groundwater monitoring to assess the impact of further discharge of effluents on the groundwater in the vicinity of the 216-S-26 Crib	One time	11-19-93 to RL 11-30-93 to Ecology	AJ Knepp Complete to RL 11-19-93
4	216-U-14 Ditch GW Impact Assessment (Interim Compl)	Prepare and issue a report compiling the groundwater monitoring to assess the impact of further discharge of effluents on the groundwater in the vicinity of the 216-U-14 Ditch	One time	01-17-94 to RL 01-31-94 to Ecology	AJ Knepp
5	216-W-LC GW Impact Assessment (Interim Compl)	Prepare and issue a report compiling the groundwater monitoring to assess the impact of further discharge of effluents on the groundwater in the vicinity of the 216-W-LC	One time	02-14-94 to RL 02-28-94 to Ecology	AJ Knepp
6	216-T-1 GW Impact Assessment Plan (Interim Compl)	Prepare a plan describing the methodology for performing an Groundwater Impact Assessment at 216-T-1 which includes background information, review of existing data and plan for additional data gathering.	One time	01-17-94 to RL 01-31-94 to Ecology	AJ Knepp
7	216-T-4-2 GW Impact Assessment Plan (Interim Compl)	Prepare a plan describing the methodology for performing an Groundwater Impact Assessment at 216-T-4-2 which includes background information, review of existing data and plan for additional data gathering.	One time	01-17-94 to RL 01-31-94 to Ecology	AJ Knepp

LIQUID EFFLUENTS
WBS 1.2.2.1

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PROGRAM DELIVERABLES					
Item No.	Title	Description	Frequency of Issuance	Due Date	Assigned Responsibility
8	216-B-3 GW Impact Assessment (Interim Compl)	Prepare a plan describing the methodology for performing an Groundwater Impact Assessment at 216-B-3 which includes background information, review of existing data and plan for additional data gathering.	One time	01-17-94 to RL 01-31-94 to Ecology	AJ Knepp
9	LEMIS Release 4 (Interim Compl)	Issue Release 4 of the Liquid Effluent Monitoring Information System computer code	One time	04-01-94	LE Turner
10	216-Z-20 GW Impact Assessment (Interim Compl)	Prepare and issue a report compiling the groundwater monitoring to assess the impact of further discharge of effluents on the groundwater in the vicinity of the 216-Z-20	One Time	10-15-93 to RL 10-31-93 to Ecology	AJ Knepp Completed to RL 10-21-93
200 Area ETF Operations - WBS 1.2.2.1.2 (A22)					
11	Effluent Treatment Facility FSAR	Submit the Final Safety Analysis (FSAR) to DOE-HQ for review and approval per DOE order 5480.23. Deliverable will be considered complete upon submittal of the report to DOE-RL.	One time	04-01-94 to RL	DL Flyckt
12	RCRA Permits (ETF)	Resolve Notice of Deficiency comments on the RCRA Part B Permit Application submitted during FY 1993.	Ongoing - due dates are dependent upon receipt of regulator comments		JL Fields
13	200 Area ETF Test Procedures	To complete TPA Milestone M-17-14D, issue a letter to RL indicating that facility test procedures have begun	One time	06-30-94	JD Williams
14	200 A TEDF Disposal Site Characterization Report	Prepare and submit to RL for forwarding to Ecology the Final 200 Area TEDF Disposal Site Characterization Report	One time	10-18-93	JD Davis Completed 10-18-93
15	200 A TEDF SEPA Checklist	Complete 200 Area TEDF SEPA Checklist for submission to RL and forwarding to Ecology	One time	12-03-93	TW Moon Completed
16	WAC 173-216 Permit Application (200 A TEDF)	Prepare and submit to RL for delivery to Ecology for approval WAC 173-216 Permit application for the 200 Area TEDF.	One time	08-30-94 to RL 09-30-94 to Ecology	RW Oldham

LIQUID EFFLUENTS WBS 1.2.2.1

1994 FISCAL YEAR WORK PLAN

WHC-SP-1028

PROGRAM DELIVERABLES					
Item No.	Title	Description	Frequency of Issuance	Due Date	Assigned Responsibility
17	200 A TEDF Operations and Maintenance Manual	Submit 200 Area TEDF Operations and Maintenance Manuals to RL for review, approval and forwarding to Ecology	One time	03-15-94	DL Flyckt
18	200 A TEDF Preventive Maintenance Procedures	Prepare and submit 200 Area TEDF Preventive Maintenance Procedures to RL	draft - 03-15-94 final - 07-05-94		DL Flyckt
300 Area TEDF Operations - WBS 1.2.2.1.3 (A23)					
19	Final Safety Analysis (300 A TEDF)	Complete the 300 Area TEDF Final Safety Analysis Report and provide an information copy to RL	One time	03-04-94	RB Bendixsen
20	Facility Readiness Plan (300 A TEDF)	Complete the 300 Area TEDF Plant Readiness Plan and provide an information copy to RL.	One time	01-03-94	RB Wurz
21	300 Area TEDF Facility Operating Procedures	Complete operating procedures and operational testing documentation to support	One time	03-11-94	JA Eacker
Systems Engineering - WBS 1.2.2.1.4 (A24)					
22	Phase II SEPA Checklist	Complete Phase II Streams SEPA Checklist for submission to RL and forwarding to Ecology	One time	11-30-93	TW Moon Complete to RL 10-20-93; to Ecology 11-08-93
23	WAC 173-216 Permits (Phase II Stream)	Prepare and submit to RL for delivery to Ecology for approval WAC 173-216 Permit applications for the 216-B-3 Pond and 100-D Pond.	One time	11-30-93 to RL 12-31-93 to Ecology	RW Oldham Completed to RL 12-01-93
24	W-252 Safety Program Plan	Prepare and issue a project safety documentation program plan	One time	03-31-94	JD Williams
25	Misc Stream Disposition Plan and Schedule	Plan and schedule for disposition and regulatory compliance for all remaining Miscellaneous streams submitted to Ecology.	One time	12-29-93 to RL 01-30-94 to Ecology	RW Oldham
26	WAC 173-216 Permit Application (Misc Stream)	209-E Building Steam Condensate permit application	One time	05-31-94 to RL 06-30-94 to Ecology	RW Oldham

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WBS 1.2.2.1

1994 FISCAL YEAR WORK PLAN

WHC-SP-1028

PROGRAM DELIVERABLES					
Item No.	Title	Description	Frequency of Issuance	Due Date	Assigned Responsibility
27	WAC 173-216 Permit Application (Misc Stream)	400 Area Sanitary Wastewater permit application	One time	05-31-94 to RL 06-30-94 to Ecology	RW Oldham
28	WAC 173-216 Permit Application (Misc Stream)	200-W Powerhouse Ash Wastewater permit application	One time	05-31-94 to RL 06-30-94 to Ecology	RW Oldham
29	WAC 173-216 Permit Application (Misc Stream)	200-E Powerhouse Ash Wastewater permit application	One time	05-31-94 to RL 06-30-94 to Ecology	RW Oldham
30	WAC 173-216 Permit Application (Misc Stream)	300 Area Powerhouse Ash Wastewater permit application	One time	05-31-94 to RL 06-30-94 to Ecology	RW Oldham
31	WAC 173-216 Permit Application (Misc Stream)	100-N Sanitary Sewer System permit application	One time	05-31-94 to RL 06-30-94 to Ecology	RW Oldham
32	WAC 173-216 Permit Application (Misc Stream)	300 Area Filter Backwash permit application	One time	05-31-94 to RL 06-30-94 to Ecology	RW Oldham
33	WAC 173-216 Permit Application (Misc Stream)	300 Area Sanitary Sewer System permit application	One time	05-31-94 to RL 06-30-94 to Ecology	RW Oldham
34	WAC 173-216 Permit Application (Misc Stream)	272-E, 2703-E Buildings Wastewater permit application	One time	05-31-94 to RL 06-30-94 to Ecology	RW Oldham
35	WAC 173-216 Permit Application (Misc Stream)	183-N Filter Backwash permit application	One time	05-31-94 to RL 06-30-94 to Ecology	RW Oldham
36	WAC 173-216 Permit Application (Misc Stream)	234-52 Ventilation Steam Condensate/Dry Air Compressor Cooling water permit application	One time	05-31-94 to RL 09-30-94 to Ecology	RW Oldham

Liquid Effluent Treatment Programs 100, 200 300, 400 Areas Projects

**LIQUID EFFLUENTS
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1994 FISCAL YEAR WORK PLAN

WHC-SP-10

3.0 PROGRAM SCHEDULE BASELINE

3A FY 1994 Program Milestones

3B Summary Program Schedule (Master Summary)

LIQUID EFFLUENTS
WBS 1.2.2.1

1994 FISCAL YEAR WORK PLAN

WHC-SP-1028

3A. FY 1994 Program Milestones

Milestone Control Log					Original Baseline Completion Date	Revision Number/Date	CIN Change Authority	Actual Completion Date
Milestone Type	Milestone Control Number	RL WBS/WHC WBS	ADS Number	Milestone Description				
Program Management/Administration								
Key	LEP-94-028	1.2.2.1.1.3 1A2130	2300-0	Complete Operational Testing of Basin #44 (LERF)	TBD			
WAC 173-216 Consent DE-91NM-177/FO	LEP-94-048	1.2.2.1.1.3 1A2140	2300-0	Submit 242-A Evap Cooling Water State Waste Discharge Permit (RL to Ecology per Consent Order 12-31-93) (Interim Compliance)	11-30-93 to RL 12-31-93 to Ecology			12-01-93 to RL
WAC 173-216 Consent DE-91NM-177/FO	LEP-94-049	1.2.2.1.1.3 1A2140	2300-0	Submit 242-A Evap Steam Condensate State Waste Discharge Permit (RL to Ecology per Consent Order 12-31-93) (Interim Compliance)	11-30-93 to RL 12-31-93 to Ecology			12-01-93 to RL
WAC 173-216 Consent DE-91NM-177/FO	LEP-94-050	1.2.2.1.1.3 1A2140	2300-0	Submit 241-A Tank Farm Cooling Water State Discharge Permit (RL to Ecology per Consent Order 12-31-93) (Interim Compliance)	11-30-93 to RL 12-31-93 to Ecology			12-01-93 to RL
WAC 173-216 Consent DE-91NM-177/FO	LEP-94-051	1.2.2.1.1.3 1A2140	2300-0	Submit 244-AR Vault Cooling Water State Waste Discharge Permit (RL to Ecology per Consent Order 12-31-93) (Interim Compliance)	11-30-93 to RL 12-31-93 to Ecology			12-01-93 to RL
WAC 173-216 Consent DE-91NM-177/FO	LEP-94-052	1.2.2.1.1.3 1A2140	2300-0	Submit 284-E Power Plant Waste Water State Waste Discharge Permit (RL to Ecology per Consent Order 12-31-93) (Interim Compliance)	11-30-93 to RL 12-31-93 to Ecology			12-01-93 to RL

August 1993 (revised 12/06/93)

LIQUID EFFLUENTS WBS 1.2.2.1

1994 FISCAL YEAR WORK PLAN

WHC-SP-1028

Milestone Control Log					Original Baseline Completion Date	Revision Number/ Date	CIN Change Authority	Actual Completion Date
Milestone Type	Milestone Control Number	RL WBS/ WHC WBS	ADS Number	Milestone Description				
WAC 173-216 Consent DE-91NM-177/FO	LEP-94-053	1.2.2.1.1.3 1A2140	2300-0	Submit 183-D Filter Backwash State Waste Discharge Permit (RL to Ecology per Consent Order 12-31-93) (Interim Compliance)	11-30-93 to RL 12-31-93 to Ecology			12-01-93 to RL
WAC 173-216 Consent DE-91NM-177/FO	LEP-94-054	1.2.2.1.1.3 1A2140	2300-0	Submit B Plant Cooling Water State Waste Discharge Permit (RL to Ecology per Consent Order 12-31-93) (Interim Compliance)	11-30-93 to RL 12-31-93 to Ecology			12-01-93 to RL
RL	LEP-94-055	1.2.2.1.1.3 1A2140	2300-0	Prepare and Issue 216-U-14 Groundwater Impact Assessment Report (Interim Compliance)	01/17/94 to RL 01-31-94 to Ecology			
RL	LEP-94-056	1.2.2.1.1.3 1A2140	2300-0	Prepare 216-T-1 Groundwater Impact Assessment Plan (Interim Compliance)	01/17/94 to RL 01-31-94 to Ecology			
RL	LEP-94-057	1.2.2.1.1.3 1A2140	2300-0	Prepare 216-T-4-2 Groundwater Impact Assessment Plan (Interim Compliance)	01/17/94 to RL 01-31-94 to Ecology			
RL	LEP-94-058	1.2.2.1.1.3 1A2140	2300-0	Prepare 216-B-3 Groundwater Impact Assessment Plan (Interim Compliance)	01/17/94 to RL 01-31-94 to Ecology			
RL	LEP-94-059	1.2.2.1.1.3 1A2140	2300-0	Prepare and Issue the 216-W-LC Groundwater Impact Assessment Report to RL (Interim Compliance)	02/14/94 to RL 02-28-94 to Ecology			
RL	LEP-94-060	1.2.2.1.1.3 1A2140	2300-0	Prepare and Issue the 216-S-26 Groundwater Impact Assessment Report to RL (Interim Compliance)	11/19/93 to RL 11-30-93 to Ecology			11-17-93
Key	LEP-94-061	1.2.2.1.1.3 1A2140	2300-0	Complete LEMIS Release 4 (Interim Compliance)	04/01/94			
RL	LEP-94-068	1.2.2.1.1.3 1A2140	2300-0	Prepare and Issue the Z20 Crib Groundwater Impact Assessment Report (Interim Compliance)	10-15-93			10-21-93

LIQUID EFFLUENTS **WBS 1.2.2.1**

1994 FISCAL YEAR WORK PLAN

WHC-SP-1028

Milestone Control Log					Original Baseline Completion Date	Revision Number/Date	CIN Change Authority	Actual Completion Date
Milestone Type	Milestone Control Number	RL WBS/WHC WBS	ADS Number	Milestone Description				
200 Area Effluent Treatment Facility Operations								
TPA-HQ M-17-14D	LEP-94-001	1.2.2.1.2.1 1A2210	2300-0	Initiate OTP with LERF Recycle (ETF - C-018H)	06/30/94			
Key	LEP-94-002	1.2.2.1.1.1 1A2210	2300-0	Readiness Review Team Declares Readiness (ETF - C-018H)	TBD (per C/R M-17-93-07)			
RL	LEP-94-003	1.2.2.1.2.1 1A2210	2300-0	Submit FSAR to DOE-RL (ETF - C-018H)	04/01/94 to RL			
Key	LEP-94-004	1.2.2.1.2.1 1A2210	2300-0	Complete On Job Training (ETF - C-018H)	TBD (per C/R M-17-93-07)			
Key	LEP-94-005	1.2.2.1.1.1 1A2110	2300-0	ETF Facility Turnover (ETF - C-018H)	06/30/94			
Key	LEP-94-006	1.2.2.1.1.1 1A2110	2300-0	Disposal System Construction Complete (ETF - C-018H)	TBD per C/R M-17-93-07)			
Key	LEP-94-007	1.2.2.1.1.1 1A2110	2300-0	Collection System Construction Complete (ETF - C-018H)	TBD (TWRS stand-down)			
Key	LEP-94-008	1.2.2.1.4.5 1A2450	2300-0	Pilot Plant Readiness Group Declares Readiness (Treatability Lab)	04/15/94			
Key	LEP-94-009	1.2.2.1.4.5 1A2450	2300-0	Unit Operations Equipment Transferred to 1706 KEL Pilot Plant (Treatability Lab)	01/28/94			
Key	LEP-94-010	1.2.2.1.4.5 1A2450	2300-0	Filtration Equipment Installed at LERF (treatability Lab)	04/01/94			
RL	LEP-94-067	1.2.2.1.4.2 1A2420	2300-0	Complete Annual Evaluation of Tritium Treatment Technology (currently under TPA negotiations) (ETF Sys Eng)	08/30/94			

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1994 FISCAL YEAR WORK PLAN

WHC-SP-1028

Milestone Control Log					Original Baseline Completion Date	Revision Number/Date	CIN Change Authority	Actual Completion Date
Milestone Type	Milestone Control Number	RL WBS/WHC WBS	ADS Number	Milestone Description				
WAC 173-216 Consent DE-91NM-177/ FO	LEP-94-015	1.2.2.1.2.2 1A2220	2300-0	Submit (DOE to Ecology) 200 Area TEDF Engineering Report Addendum (200 TEDF W-049H)	10/31/93			10-28-93
WAC 173-216 Consent DE-91NM-177/ FO	LEP-94-016	1.2.2.1.2.2 1A2220	2300-0	Submit (DOE to Ecology) 200 Area Treated Effluent Disposal Facility 80% Design Report (200 TEDF W-049H)	12/31/93			WHC to RL on 05-25-93
WAC 173-216 Consent DE-91NM-177/ FO	LEP-94-019	1.2.2.1.2.2 1A2220	2300-0	Submit (DOE to Ecology) 200 TEDF State Waste Discharge Permit (200 TEDF W-049H)	08-30-94 to RL 09/30/94 to Ecology			
RL	LEP-94-020	1.2.2.1.2.2 1A2220	2300-0	Submit Draft Disposal Site Characterization Report to RL (200 TEDF W-049H)	10/18/93			10/28/93 To RL 10/29/93 TO Ecology
Key	LEP-94-021	1.2.2.1.4.2 1A2420	2300-0	Issue White Paper on LERF Basin Alternative Use Study (ETF Sys Eng)	01-04-94			
RL	LEP-94-022		2300-0	Complete SEPA Checklist (200 TEDF W-049H)	12/03/93			10/20/93
RL	LEP-94-023	1.2.2.1.2.2 1A2220	2300-0	Submit Draft Preventive Maintenance Procedures to RL (200 TEDF W-049H)	03/31/94			
RL	LEP-94-024	1.2.2.1.2.2 1A2220	2300-0	Submit the Operations and Maintenance Manual to RL (200 TEDF W-049H)	07/15/94 03			
Key	LEP-94-026	1.2.2.1.2.2 1A2220	2300-0	Complete Facility Certification Plans Implementation (200 TEDF W-049H)	09/30/94			
RL	LEP-94-027	1.2.2.1.2.2 1A2220	2300-0	Perform Groundwater Monitoring Sampling/Analysis (200 TEDF W-049H)	09/30/94			
KEY	LEP-94-064	1.2.2.1.2.3 1A2230	2300-0	Complete Definitive Design (W-291H)	TBD			

**LIQUID EFFLUENTS
WBS 1.2.2.1**

1994 FISCAL YEAR WORK PLAN

WHC-SP-1028

Milestone Control Log					Original Baseline Completion Date	Revision Number/Date	CIN Change Authority	Actual Completion Date
Milestone Type	Milestone Control Number	RL WBS/WHC WBS	ADS Number	Milestone Description				
Key	LEP-94-066	1.2.2.1.2.3 1A2230	2300-0	Begin Construction (W-291H)	TBD			
300 Area Treated Effluent Disposal Facility Operations								
Key	LEP-94-011	1.2.2.1.3.1 1A2310	2300-0	Issue draft operating procedures for 300 Area TEDF (300 TEDF L-045H)	03/11/94			
Key	LEP-94-012	1.2.2.1.3.1 1A2310	2300-0	Issue Final Safety Analysis Report for 300 Area TEDF (300 TEDF L-045H)	03/04/94			
Key	LEP-94-013	1.2.2.1.3.1 1A2310	2300-0	Issue Plant Readiness Plan for 300 Area TEDF (300 TEDF L-045H)	01/03/94			
Key	LEP-94-014	1.2.2.1.3.1 1A2310	2300-0	300 Area TEDF Operations Personnel On-board and trained for start-up (300 TEDF L-045H)	09/30/94			
Systems Engineering								
Other	LEP-94-032	1.2.2.1.4.1 1A2410	2300-1	Initiate ADP Plan Preparation (Phase II W-252)	12/01/93			
Other	LEP-94-045	1.2.2.1.4.1 1A2410	2300-1	Initiate Advanced Conceptual Design (Phase II W-252)	01/02/94			
Key	LEP-94-046	1.2.2.1.4.1 1A2410	2300-1	Complete Safety Documentation Program Plan (Phase II W-252)	03/31/94			
Other	LEP-94-047	1.2.2.1.4.1 1A2410	2300-1	Initiate Revision of the 200 Area TEDF Interface Control Document to Include the Phase II Streams (Phase II W-252)	08/09/94			

LIQUID EFFLUENTS WBS 1.2.2.1

1994 FISCAL YEAR WORK PLAN

WHC-SP-1028

Milestone Control Log					Original Baseline Completion Date	Revision Number/Date	CIN Change Authority	Actual Completion Date
Milestone Type	Milestone Control Number	RL WBS/WHC WBS	ADS Number	Milestone Description				
WAC 173-216 Consent DE-91NM-177/HQ	LEP-94-033	1.2.2.1.4.4 1A2440	2300-0	Submit Miscellaneous Streams Plan and Schedule to RL (RL to Ecology 01-31-94) (Misc Streams)	12-29-93 to RL 01-31-94 to Ecology			
WAC 173-216 Consent DE-91NM-177/FO	LEP-94-034	1.2.2.1.4.4 1A2440	2300-0	Submit 200-W Powerhouse Ash Wastewater State Waste Discharge Permit for certification (RL to Ecology 06-30-94) (Misc Streams)	05-31-94 to RL 06-30-94 to Ecology			
WAC 173-216 Consent DE-91NM-177/FO	LEP-94-035	1.2.2.1.4.4 1A2440	2300-0	Submit 200-E Powerhouse Ash Wastewater State Waste Discharge Permit for certification (RL to Ecology 06-30-94) (Misc Streams)	05-31-94 to RL 06-30-94 to Ecology			
WAC 173-216 Consent DE-91NM-177/FO	LEP-94-036	1.2.2.1.4.4 1A2440	2300-0	Submit 300 Area Powerhouse Ash Wastewater State Waste Discharge Permit for certification (RL to Ecology 06-30-94) (Misc Streams)	05-31-94 to RL 06-30-94 to Ecology			
WAC 173-216 Consent DE-91NM-177/FO	LEP-94-037	1.2.2.1.4.4 1A2440	2300-0	Submit 100-N Sanitary Sewer System State Waste Discharge Permit for certification (RL to Ecology 06-30-94) (Misc Streams)	05-31-94 to RL 06-30-94 to Ecology			
WAC 173-216 Consent DE-91NM-177/FO	LEP-94-038	1.2.2.1.4.4 1A2440	2300-0	Submit 300 Area Filter Backwash State Waste Discharge Permit for certification (RL to Ecology 06-30-94) (Misc Streams)	05-31-94 to RL 06-30-94 to Ecology			
WAC 173-216 Consent DE-91NM-177/FO	LEP-94-039	1.2.2.1.4.4 1A2F440	2300-0	Submit 300 Area Sanitary Sewer System State Waste Discharge Permit for certification (RL to Ecology 06-30-94) (Misc Streams)	05-31-94 to RL 06-30-94 to Ecology			
WAC 173-216 Consent DE-91NM-177/FO	LEP-94-040	1.2.2.1.4.4 1A2440	2300-0	Submit 234-52 Ventilation State Waste Discharge Permit for certification (RL to Ecology 09-30-94) (Misc Streams)	08-30-94 to RL 09-30-94 to Ecology			

LIQUID EFFLUENTS
WBS 1.2.2.1

1994 FISCAL YEAR WORK PLAN

WHC-SP-1028

Milestone Control Log					Original Baseline Completion Date	Revision Number/Date	CIN Change Authority	Actual Completion Date
Milestone Type	Milestone Control Number	RL WBS/WHC WBS	ADS Number	Milestone Description				
WAC 173-216 Consent DE-91NM-177/FO	LEP-94-041	1.2.2.1.4.4 1A2440	2300-0	Submit 183- ^N / ₈ Filter Backwash State Waste Discharge Permit for certification (RL to Ecology 06-30-94) (Misc Streams)	05-31-94 to RL 06-30-94 to Ecology			
WAC 173-216 Consent DE-91NM-177/FO	LEP-94-042	1.2.2.1.4.4 1A2440	2300-0	Submit 209-E Bldg Steam Condensate State Waste Discharge Permit for certification (RL to Ecology 06-30-94) (Misc Streams)	05-31-94 to RL 06-30-94 to Ecology			
WAC 173-216 Consent DE-91NM-177/FO	LEP-94-043	1.2.2.1.4.4 1A2440	2300-0	Submit 400 Area Sanitary Wastewater State Waste Discharge Permit for certification (RL to Ecology 06-30-94) (Misc Streams)	05-31-94 to RL 06-30-94 to Ecology			
WAC 173-216 Consent DE-91NM-177/FO	LEP-94-044	1.2.2.1.4.4 1A2440	2300-0	Submit 272-E, 2703-E Buildings Wastewater Waste Discharge Permit for certification (RL to Ecology 06-30-94) (Misc Streams)	05-31-94 to RL 06-30-94 to Ecology			

LIQUID EFFLUENTS

WBS 1.2.2.1

OCTOBER 93

LEVEL 1

PROGRAM ELEMENT	CY 91	CY 92	CY 93	CY 94	CY 95	CY 96	CY 97	CY 98	FY 99													
	FY 1992		FY 1993		FY 1994		FY 1995		FY 1996													
	OND	JFM	AM	JJAS	OND	JFM	AM	JJAS	OND	JFM	AM	JJAS	OND	JFM	AM	JJAS	OND	JFM	AM	JJAS		
200 AREA TEDF (W-049H)																						
PROJECT DOCUMENTATION/PREPARATION	SITE CHARACTERIZATION COMPLETE																					
DESIGN, PROCURE, CONSTRUCT	216 PERMIT COMPLETE																					
READINESS REVIEW START-UP	START CONSTRUCTION																					
	JAN 92 DEC 94 M-17-00A JUN 95																					
PHASE II LIQUID EFFLUENT (W-252)																						
PROJECT DOCUMENTATION/PREPARATION	FDC COMPLETE																					
DESIGN, PROCURE, CONSTRUCT	VE STUDY COMPLETE																					
READINESS REVIEW START-UP	PMP COMPLETE																					
	I SECURITY PLAN COMPLETE																					
	START CONSTRUCTION																					
	DEC 91 DEC 96 M-17-00B																					
200 AREA BAT/AKART IMPLEMENTATION (W-291)																						
PROJECT DOCUMENTATION/PREPARATION	NEPA TO DOE																					
DESIGN, PROCURE, CONSTRUCT	AUG 93																					
READINESS REVIEW START-UP	START CONSTRUCTION																					
	APR 93 APR 95																					
200 AREA ETF (C-018H)																						
PROJECT DOCUMENTATION/PREPARATION	FINAL SUBMITTAL FOR DEUSTING PETITION																					
DESIGN, PROCURE, CONSTRUCT	DEUSTING PETITION APPROVED BY EPA																					
READINESS REVIEW START-UP	OCT 94																					
	START ATP PROCESS FACILITY																					
	PROCESS FACILITY TURNOVER																					
	JUN 94																					
	FINAL TRAINING																					
	DOE ORE																					
	INIT HOT OPERATIONS																					
	M-17-141																					
MISCELLANEOUS STREAMS																						
PROJECT DOCUMENTATION/PREPARATION	SUBMIT PLANSCHED REGULATORY COMPLIANCE																					
DESIGN, PROCURE, CONSTRUCT	SUBMIT 216 PERMITS TO ECOLOGY (GRP #8)																					
	SUBMIT 216 PERMITS TO ECOLOGY (GRP #2)																					
	SEP 94																					
	JUL 94																					
MILESTONE LEGEND	* CHANGE REQUEST M-17-93-07 PENDING																		PROJECT DOCUMENTATION/PREPARATION INCLUDES: STUDIES, REPORTS, NEPA, SEPA, EVALUATIONS, CHARACTERIZATION, PERMITTING, PROJECT MANAGEMENT		PAGE 1 OF 2	
○ TPA	▽ WHC																					

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OCTOBER 93

LEVEL I

LIQUID EFFLUENTS
WBS 1.2.2.1

1994 FISCAL YEAR WORK PLAN

WHC-SP-1028

4.0 PROGRAM COST BASELINE

4A Cost Baseline

- 4.A.0 - Funding Source Reconciliation
- 4.A.1 - Cost Baseline Summary/Program Element - Operating Expense
- 4.A.2 - Program Summary/Cost Element - Operating Expense
- 4.A.3 - Program Element/Cost Element Summary - Operating Expense
- 4.A.4 - Cost Baseline Summary - ADS/Fund Type
- 4.A.5 - Cost Baseline Summary - CENRTC
- 4.A.6 - Cost Baseline Summary - GPP
- 4.A.7 - Cost Baseline Summary - Line Item

4B Program Funding Requirement

- 4.B.1 - Program Funding - Approved Funding/Unfunded Workscope

LIQUID EFFLUENTS
WBS#1.2.2.1

FY 1994 FYWP

4.A.0 FUNDING SOURCE RECONCILIATION – (\$000)

President's Budget

25,962	Operating Expense
200	CENRTC
<u>26,162</u>	

Application of HQ/RL 5.5% Reduction

26,162	
(1,428)	less 5.5% Operating Expense
(11)	less 5.5% CENRTC
<u>24,723</u>	President's Budget less 5.5%
(189)	remove CENRTC
<u>24,534</u>	Operating Expense at President's Budget less 5.5% level

Actions by WHC Program Integration Team – Operating Expense

24,534	Operating Expense at President's Budget less 5.5% level
257	FY 93 Carryover from ADS 2300 for 300 Area TEDF Procedures
133	FY 93 Carryover from ADS 2320 for 340 Facility activities
1,000	FY 93 Carryover from ADS ? [see WHC PIT Change Request] for Phase II Streams (partial)
(995)	WHC Productivity Challenge
2,770	Proceeds from Productivity Challenge for W-291H and Interim Compliance
(260)	G&A/CSP rate reduction
1,630	From G&A/CSP rate reductions for Phase II and Interim Compliance
(620)	Continuity of Service rate reduction
2,100	From Continuity of Service rate reduction for Misc Streams
200	From Continuity of Service rate reduction for Interim Compliance
900	From Phase III Productivity Commitment for Interim Compliance
200	New BA for Tritium Treatability Studies
<u>31,849</u>	Revised FY 1994 Expense Budget

Actions by WHC Program Integration Team – CENRTC

189	FY 1994 CENRTC at President's Budget less 5.5%
87	ADS 2300 Prior Year uncommitted
(25)	Taken from ADS 2300-0 Prior Year Uncommitted by WHC PIT for reprogramming
75	FY 1994 CENRTC from ADS 2320 for 340 Facility
71	ADS 2320 Prior Year Uncommitted for 340 Facility PCM Trailer
<u>397</u>	

Actions by WHC Program Integration Team – GPP

0	FY 1994 GPP at President's Budget less 5.5%
676	ADS 2300-0 Prior Year GPP for LERF Load-In/ Load-Out
600	FY 1994 GPP from ADS 2320 for W-353, 340/307 Diverters
400	Prior Year GPP from ADS 2320 for 340 Stack Monitors
<u>1,676</u>	

<u>33,922</u>	TOTAL WORK AUTHORIZATION
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LIQUID EFFLUENTS
WBS # 1.2.2.1

FY 1994 FYWP

4.A.1 COST BASELINE SUMMARY/PROGRAM ELEMENT – OPERATING EXPENSE

(\$000)

WBS	WBS TITLE	ADS NUMBER	ADS TITLE	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	TOTAL
1.2.2.1.1 (1A21)	PROGRAM MANAGEMENT	2300-00	Liquid Effluents	558	631	571	849	898	878	750	943	771	784	678	933	9,245
1.2.2.1.1.1 (1A2110)	Program Management			161	142	146	197	175	180	153	184	146	165	149	178	1,975
1.2.2.1.1.2 (1A2120)	WSCF Laboratory Support			4	4	3	5	4	4	4	117	88	102	89	111	534
1.2.2.1.1.3 (1A2130)	LERF Operations			101	132	124	139	81	76	76	88	66	66	59	130	1,137
1.2.2.1.1.4 (1A2140)	Interim Compliance			293	354	298	508	639	618	517	555	471	451	381	514	5,600
1.2.2.1.2 (1A22)	200 AREA ETF OPERATIONS	2300-00	Liquid Effluents	530	669	575	752	683	809	847	1,119	1,011	1,338	1,127	1,404	10,864
1.2.2.1.2.1 (1A2210)	200 Area ETF Operations			470	549	520	670	589	687	665	910	798	1,136	953	1,189	9,135
1.2.2.1.2.2 (1A2220)	200 Area TEDF Support (W-049H)			47	108	44	73	86	114	148	178	183	168	146	181	1,475
1.2.2.1.2.3 (1A2230)	200 Area BAT/AKART (W-291H)			14	12	11	9	8	8	34	32	31	34	29	34	255
1.2.2.1.3 (1A23)	300 AREA TEDF OPERATIONS	2300-00	Liquid Effluents	262	242	1,067	581	366	297	364	913	557	431	390	465	5,934
1.2.2.1.3.1 (1A2310)	300 Area TEDF Operations			262	242	1,067	581	366	297	364	913	557	431	390	465	5,934
1.2.2.1.3.2 (1A2320)	340/307 Facility Operations															0
1.2.2.1.4 (1A24)	SYSTEMS ENGINEERING	2300-00	Liquid Effluents	349	385	566	748	627	712	488	567	375	326	328	336	5,806
1.2.2.1.4.1 (1A2410)	Phase II Streams (W-252)			53	58	67	147	138	187	111	114	114	111	117	85	1,301
1.2.2.1.4.2 (1A2420)	200 Area ETF Systems Engineering Support			130	153	140	101	86	106	85	127	70	71	63	69	1,201
1.2.2.1.4.3 (1A2430)	300 Area TEDF Systems Engineering Support			0	0	0	0	0	0	0	0	0	0	0	0	0
1.2.2.1.4.4 (1A2440)	Miscellaneous Streams			108	103	179	301	285	246	171	164	137	102	94	110	2,000
1.2.2.1.4.5 (1A2450)	Treatability Laboratory			58	71	180	199	117	173	121	162	55	43	54	72	1,303
TOTAL LIQUID EFFLUENTS -				1,699	1,927	2,779	2,929	2,573	2,695	2,449	3,543	2,714	2,880	2,523	3,137	31,849

CUMM TOTALS 1,699 3,626 6,405 9,334 11,907 14,602 17,051 20,594 23,308 26,188 28,711 31,849

LIQUID EFFLUENTS
WBS # 1.2.2.1

FY 1994 FYWP

4.A.2 PROGRAM SUMMARY/COST ELEMENT – OPERATING EXPENSE

(\$000)

<u>COST ELEMENT</u>	<u>OCT</u>	<u>NOV</u>	<u>DEC</u>	<u>JAN</u>	<u>FEB</u>	<u>MAR</u>	<u>APR</u>	<u>MAY</u>	<u>JUN</u>	<u>JUL</u>	<u>AUG</u>	<u>SEP</u>	<u>TOTAL</u>
0 – LABOR	776	757	867	1,179	1,046	1,052	998	1,325	1,022	1,228	1,122	1,389	12,760
1 – MATERILAS	42	24	310	89	71	41	40	99	90	78	80	84	1,047
2 – PURCHASED SERVICES	125	272	369	348	302	363	358	642	430	449	345	485	4,486
3 – OTHER CONTRACTORS	59	113	189	196	173	198	190	211	188	95	52	72	1,736
4 – SITE SERVICES	16	37	71	28	44	49	37	86	51	61	43	43	564
5 – INTERNAL CHARGES	118	118	118	118	118	118	72	72	72	72	72	72	1,139
6 – IRM	17	19	70	78	33	63	26	82	81	17	21	14	521
7 – DEPARTMENTAL OVERHEAD	210	210	247	325	288	290	255	336	255	308	283	350	3,356
8 – G&A/CSP	337	377	539	569	500	521	472	692	526	573	506	630	6,240
TOTAL	1,699	1,927	2,779	2,929	2,573	2,695	2,449	3,543	2,714	2,880	2,523	3,137	31,849
CUMM TOTALS	1,699	3,626	6,405	9,334	11,907	14,602	17,051	20,594	23,308	26,188	28,711	31,849	

LIQUID EFFLUENTS
WBS # 1.2.2.1

FY 1994 FYWP

4.A.3 PROGRAM ELEMENT/COST ELEMENT SUMMARY -- OPERATING EXPENSE

(\$000)

<u>WBS</u>	<u>WBS TITLE</u>	<u>COST ELEMENT</u>	<u>OCT</u>	<u>NOV</u>	<u>DEC</u>	<u>JAN</u>	<u>FEB</u>	<u>MAR</u>	<u>APR</u>	<u>MAY</u>	<u>JUN</u>	<u>JUL</u>	<u>AUG</u>	<u>SEP</u>	<u>TOTAL</u>
1.2.2.1.1.1 (1A2110)	Program Management														
		0 - LABOR	85	72	70	93	78	81	79	100	75	88	77	95	992
		1 - MATERIALS			6										6
		2 - PURCHASED SERVICES	22	22	22	38	39	39	22	22	22	22	22	22	318
		3 - OTHER CONTRACTORS													0
		4 - SITE SERVICES	3	3	3	5	5	5	3	3	3	3	3	3	42
		5 - INTERNAL CHARGES													0
		6 - IRM													0
		7 - DEPT OVERHEAD	18	16	15	20	17	18	17	22	16	19	17	21	215
		8 - G&A/CSP	33	29	30	40	36	37	31	37	30	34	30	37	402
		SUBTOTAL	161	142	146	197	175	180	153	184	146	165	149	178	1,975
1.2.2.1.1.2 (1A2120)	WSCF Laboratory Support														
		0 - LABOR	3	2	2	3	2	3	3	75	56	65	57	71	342
		1 - MATERIALS													0
		2 - PURCHASED SERVICES													0
		3 - OTHER CONTRACTORS													0
		4 - SITE SERVICES													0
		5 - INTERNAL CHARGES													0
		6 - IRM													0
		7 - DEPT OVERHEAD	1	1	1	1	1	1	1	18	14	16	14	17	84
		8 - G&A/CSP	1	1	1	1	1	1	1	24	18	21	18	23	108
		SUBTOTAL	4	4	3	5	4	4	4	117	88	102	89	111	534

LIQUID EFFLUENTS
WBS # 1.2.2.1

FY 1994 FYWP

4.A.3 PROGRAM ELEMENT/COST ELEMENT SUMMARY – OPERATING EXPENSE

(\$000)

<u>WBS</u>	<u>WBS</u> <u>TITLE</u>	<u>COST</u> <u>ELEMENT</u>	<u>OCT</u>	<u>NOV</u>	<u>DEC</u>	<u>JAN</u>	<u>FEB</u>	<u>MAR</u>	<u>APR</u>	<u>MAY</u>	<u>JUN</u>	<u>JUL</u>	<u>AUG</u>	<u>SEP</u>	<u>TOTAL</u>
1.2.2.1.1.3	(1A2130) LERF Operations														
	0 – LABOR		41	38	35	44	39	34	32	38	26	29	26	31	412
	1 – MATERIALS		1	1	6	1	1	1	1	1	6	1	1	1	19
	2 – PURCHASED SERVICES		17	46	46	51	15	16	19	20	15	17	16	56	333
	3 – OTHER CONTRACTORS		13	12	1	2			1	1				10	40
	4 – SITE SERVICES		0	0	1	0	0	0	1	0	1	0	0	0	4
	5 – INTERNAL CHARGES														0
	6 – IRM		1	1	2	3	1	1	1	2					12
	7 – DEPT OVERHEAD		10	9	8	10	9	8	7	8	5	6	5	6	91
	8 – G&A/CSP		19	25	25	28	16	15	15	18	13	13	12	25	226
	SUBTOTAL		101	132	124	139	81	76	76	88	66	66	59	130	1,137
1.2.2.1.1.4	(1A2140) Interim Compliance														
	0 – LABOR		98	94	91	135	154	136	114	138	105	117	94	110	1,384
	1 – MATERIALS		6	6	13	5	32	16	10	11	7	4	4	4	116
	2 – PURCHASED SERVICES		14	64	20	136	122	154	117	115	113	99	100	186	1,239
	3 – OTHER CONTRACTORS						42	34	34	34	34	28			206
	4 – SITE SERVICES		2	5	3	5	23	24	20	20	4	4	1	0	111
	5 – INTERNAL CHARGES		72	72	72	72	72	72	72	72	72	72	72	72	863
	6 – IRM		4	6	4	4	16	14	14	16	13	5	3	3	103
	7 – DEPT OVERHEAD		39	36	35	48	53	47	36	42	32	36	29	34	466
	8 – G&A/CSP		59	72	61	103	124	121	101	108	91	88	77	106	1,112
	SUBTOTAL		293	354	298	508	639	618	517	555	471	451	381	514	5,600

LIQUID EFFLUENTS
WBS # 1.2.2.1

FY 1994 FYWP

4.A.3 PROGRAM ELEMENT/COST ELEMENT SUMMARY – OPERATING EXPENSE

(\$000)

<u>WBS</u>	<u>WBS</u> <u>TITLE</u>	<u>COST</u> <u>ELEMENT</u>	<u>OCT</u>	<u>NOV</u>	<u>DEC</u>	<u>JAN</u>	<u>FEB</u>	<u>MAR</u>	<u>APR</u>	<u>MAY</u>	<u>JUN</u>	<u>JUL</u>	<u>AUG</u>	<u>SEP</u>	<u>TOTAL</u>
1.2.2.1.1 (1A21)	PROGRAM MANAGEMENT ACTIVITY TOTAL														
		0 – LABOR	226	206	198	276	273	254	228	351	262	298	253	307	3,130
		1 – MATERIALS	7	7	25	5	33	17	11	11	13	4	5	4	141
		2 – PURCHASED SERVICES	52	132	88	225	177	209	158	157	151	138	138	265	1,890
		3 – OTHER CONTRACTORS	13	12	1	2	42	34	35	35	34	28	0	10	246
		4 – SITE SERVICES	5	8	7	11	29	30	24	23	8	7	4	3	157
		5 – INTERNAL CHARGES	72	72	72	72	72	72	72	72	72	72	72	72	863
		6 – IRM	5	7	6	7	17	15	15	18	13	5	3	3	114
		7 – DEPT OVERHEAD	67	61	59	79	79	73	61	90	67	76	65	78	855
		8 – G&A/CSP	112	127	116	172	177	174	148	187	152	156	138	191	1,848
		ACTIVITY TOTAL	558	631	571	849	898	878	750	943	771	784	678	933	9,245
1.2.2.1.2.1 (1A2210)	200 Area Effluent Treatment Facility Operations														
		0 – LABOR	271	257	246	345	304	360	357	468	389	523	499	619	4,638
		1 – MATERIALS	6	9	16	25	15	20	24	73	75	73	74	72	484
		2 – PURCHASED SERVICES	9	66	56	47	46	53	46	42	44	133	31	37	609
		3 – OTHER CONTRACTORS	16	26	16	9	6	5	0	2	4	3	2	42	131
		4 – SITE SERVICES	3	9	9	11	11	12	12	22	22	38	23	23	196
		5 – INTERNAL CHARGES													0
		6 – IRM	11	12	12	16	15	10	10	10	12	12	12	11	141
		7 – DEPT OVERHEAD	62	63	60	83	74	87	81	107	90	125	119	149	1,098
		8 – G&A/CSP	93	108	103	135	119	139	135	185	162	231	193	236	1,838
		SUBTOTAL	470	549	520	670	589	687	665	910	798	1,136	953	1,189	9,135

LIQUID EFFLUENTS

WBS # 1.2.2.1

FY 1994 FYWP

4.A.3 PROGRAM ELEMENT/COST ELEMENT SUMMARY – OPERATING EXPENSE

(\$000)

<u>WBS</u>	<u>WBS TITLE</u>	<u>COST ELEMENT</u>	<u>OCT</u>	<u>NOV</u>	<u>DEC</u>	<u>JAN</u>	<u>FEB</u>	<u>MAR</u>	<u>APR</u>	<u>MAY</u>	<u>JUN</u>	<u>JUL</u>	<u>AUG</u>	<u>SEP</u>	<u>TOTAL</u>
1.2.2.1.2.2 (1A2220)	200 Area TEDF Support (W-049H)														
		0 – LABOR	26	30	20	37	44	46	38	62	47	53	37	60	498
		1 – MATERIALS	5	5											10
		2 – PURCHASED SERVICES		3	8	12	12	31	71	66	86	70	71	70	499
		3 – OTHER CONTRACTORS		45											45
		4 – SITE SERVICES	1	1	0	1	1	3			2	0			8
		5 – INTERNAL CHARGES													0
		6 – IRM		0	2		1		1		1	0	1		7
		7 – DEPT OVERHEAD	6	8	5	8	11	12	8	13	10	11	8	14	114
		8 – G&A/CSP	10	16	9	15	17	23	30	36	37	34	30	37	294
		SUBTOTAL	47	108	44	73	86	114	148	178	183	168	146	181	1,475
1.2.2.1.2.3 (1A2230)	200 Area BAT/AKART Implementation (W-291H)														
		0 – LABOR	8	7	7	6	5	5	4	3	2	2	1	1	52
		1 – MATERIALS													0
		2 – PURCHASED SERVICES							22	22	22	25	22	25	137
		3 – OTHER CONTRACTORS													0
		4 – SITE SERVICES													0
		5 – INTERNAL CHARGES													0
		6 – IRM													0
		7 – DEPT OVERHEAD	2	2	2	2	1	1	1	1	1	0	0	0	14
		8 – G&A/CSP	3	2	2	2	2	2	7	6	6	7	6	7	52
		SUBTOTAL	14	12	11	9	8	8	34	32	31	34	29	34	255

LIQUID EFFLUENTS
WBS # 1.2.2.1

FY 1994 FYWP

4.A.3 PROGRAM ELEMENT/COST ELEMENT SUMMARY – OPERATING EXPENSE

(\$000)

<u>WBS</u>	<u>WBS TITLE</u>	<u>COST ELEMENT</u>	<u>OCT</u>	<u>NOV</u>	<u>DEC</u>	<u>JAN</u>	<u>FEB</u>	<u>MAR</u>	<u>APR</u>	<u>MAY</u>	<u>JUN</u>	<u>JUL</u>	<u>AUG</u>	<u>SEP</u>	<u>TOTAL</u>
1.2.2.1.2 (1A22)	200 AREA ETF OPERATIONS	ACTIVITY TOTAL													
		0 – LABOR	305	294	273	388	353	411	399	533	438	578	537	680	5,189
		1 – MATERIALS	11	14	16	25	15	20	24	73	75	73	74	72	494
		2 – PURCHASED SERVICES	9	69	64	58	57	84	138	130	152	228	124	132	1,244
		3 – OTHER CONTRACTORS	16	71	16	9	6	5	0	2	4	3	2	42	176
		4 – SITE SERVICES	4	10	10	13	12	15	12	22	24	38	23	23	204
		5 – INTERNAL CHARGES	0	0	0	0	0	0	0	0	0	0	0	0	0
		6 – IRM	11	12	14	16	16	10	11	10	13	12	13	11	147
		7 – DEPT OVERHEAD	70	73	67	92	86	100	91	121	100	136	127	163	1,226
		8 – G&A/CSP	106	126	115	152	138	164	172	227	205	272	229	280	2,184
		ACTIVITY TOTAL	530	669	575	752	683	809	847	1,119	1,011	1,338	1,127	1,404	10,864
1.2.2.1.3.1 (1A2310)	300 Area TEDF Operations														
		0 – LABOR	132	137	211	256	226	180	215	257	223	246	222	267	2,573
		1 – MATERIALS	20	0	210	2		0		0		0		0	233
		2 – PURCHASED SERVICES	4	4	156	4	2	2	7	267	46	16	14	18	540
		3 – OTHER CONTRACTORS	20	20	147	90			10	50	50				387
		4 – SITE SERVICES		0	37	0	0		0	35	17	15	14	14	133
		5 – INTERNAL CHARGES													0
		6 – IRM	0		50	50	0	0	0	55	55	0	0	0	212
		7 – DEPT OVERHEAD	35	35	60	72	63	54	59	69	60	66	60	71	703
		8 – G&A/CSP	51	46	197	106	74	60	73	179	107	88	79	94	1,154
		SUBTOTAL	262	242	1,067	581	366	297	364	913	557	431	390	465	5,934

LIQUID EFFLUENTS
WBS # 1.2.2.1

FY 1994 FYWP

4.A.3 PROGRAM ELEMENT/COST ELEMENT SUMMARY – OPERATING EXPENSE
(\$000)

<u>WBS</u>	<u>WBS TITLE</u>	<u>COST ELEMENT</u>	<u>OCT</u>	<u>NOV</u>	<u>DEC</u>	<u>JAN</u>	<u>FEB</u>	<u>MAR</u>	<u>APR</u>	<u>MAY</u>	<u>JUN</u>	<u>JUL</u>	<u>AUG</u>	<u>SEP</u>	<u>TOTAL</u>
1.2.2.1.3(1A23)	300 AREA TEDF OPERATIONS	ACTIVITY TOTAL													
		0 – LABOR	132	137	211	256	226	180	215	257	223	246	222	267	2,573
		1 – MATERIALS	20	0	210	2	0	0	0	0	0	0	0	0	233
		2 – PURCHASED SERVICES	4	4	156	4	2	2	7	267	46	16	14	18	540
		3 – OTHER CONTRACTORS	20	20	147	90	0	0	10	50	50	0	0	0	387
		4 – SITE SERVICES	0	0	37	0	0	0	0	35	17	15	14	14	133
		5 – INTERNAL CHARGES	0	0	0	0	0	0	0	0	0	0	0	0	0
		6 – IRM	0	0	50	50	0	0	0	55	55	0	0	0	212
		7 – DEPT OVERHEAD	35	35	60	72	63	54	59	69	60	66	60	71	703
		8 – G&A/CSP	51	46	197	106	74	60	73	179	107	88	79	94	1,154
		ACTIVITY TOTAL	262	242	1,067	581	366	297	364	913	557	431	390	465	5,934
1.2.2.1.4.1 (1A2410)	Phase II Streams (W-252)														
		0 – LABOR	13	16	22	38	34	32	15	16	11	14	19	20	251
		1 – MATERIALS					5							5	10
		2 – PURCHASED SERVICES	15	15	15	15	15	16	15	16	22	16	18	16	199
		3 – OTHER CONTRACTORS	10	10	10	50	50	60	60	60	60	60	50	20	500
		4 – SITE SERVICES				1		1						1	3
		5 – INTERNAL CHARGES													0
		6 – IRM				5		35					5		45
		7 – DEPT OVERHEAD	5	6	7	14	13	13	6	7	5	6	7	8	97
		8 – G&A/CSP	9	11	12	23	21	30	15	15	15	15	17	15	197
		SUBTOTAL	53	58	67	147	138	187	111	114	114	111	117	85	1,301

WBS # 1.2.2.1

4.A.3 PROGRAM ELEMENT/COST ELEMENT SUMMARY – OPERATING EXPENSE

[illegible]

LIQUID EFFLUENTS
WBS # 1.2.2.1

FY 1994 FYWP

4.A.3 PROGRAM ELEMENT/COST ELEMENT SUMMARY – OPERATING EXPENSE
(\$000)

<u>WBS</u>	<u>WBS TITLE</u>	<u>COST ELEMENT</u>	<u>OCT</u>	<u>NOV</u>	<u>DEC</u>	<u>JAN</u>	<u>FEB</u>	<u>MAR</u>	<u>APR</u>	<u>MAY</u>	<u>JUN</u>	<u>JUL</u>	<u>AUG</u>	<u>SEP</u>	<u>TOTAL</u>
1.2.2.1.4.4 (1A2440)	Miscellaneous Streams														
		0 – LABOR	24	21	47	83	63	42	39	40	30	35	30	38	492
		1 – MATERIALS			5	5	10								21
		2 – PURCHASED SERVICES	7	7	16	42	42	42	35	35	35	35	35	38	371
		3 – OTHER CONTRACTORS			15	45	55	55	55	50	40				315
		4 – SITE SERVICES			1	1	1	3							7
		5 – INTERNAL CHARGES	46	46	46	46	46	46							276
		6 – IRM						3							3
		7 – DEPT OVERHEAD	9	8	14	23	18	12	14	12	9	11	10	12	151
		8 – G&A/CSP	22	21	34	55	51	43	27	27	22	21	19	22	364
		SUBTOTAL	108	103	179	301	285	246	171	164	137	102	94	110	2,000
1.2.2.1.4.5 (1A2450)	Treatability Laboratory														
		0 – LABOR	31	34	60	80	64	100	71	79	31	25	33	44	650
		1 – MATERIALS	4	3	53	51	8	4	6	9	2		2	2	143
		2 – PURCHASED SERVICES	3							15	3				21
		3 – OTHER CONTRACTORS						4		4		4			12
		4 – SITE SERVICES	1	11	11	2	1	0	1	3	0		0	0	30
		5 – INTERNAL CHARGES													0
		6 – IRM													0
		7 – DEPT OVERHEAD	8	10	20	26	21	30	18	20	7	6	8	11	184
		8 – G&A/CSP	12	15	37	40	24	35	25	32	11	8	11	15	263
		SUBTOTAL	58	71	180	199	117	173	121	162	55	43	54	72	1,303

LIQUID EFFLUENTS
WBS # 1.2.2.1

FY 1994 FYWP

4.A.3 PROGRAM ELEMENT/COST ELEMENT SUMMARY – OPERATING EXPENSE
(\$000)

<u>WBS</u>	<u>WBS</u> <u>TITLE</u>	<u>COST</u> <u>ELEMENT</u>	<u>OCT</u>	<u>NOV</u>	<u>DEC</u>	<u>JAN</u>	<u>FEB</u>	<u>MAR</u>	<u>APR</u>	<u>MAY</u>	<u>JUN</u>	<u>JUL</u>	<u>AUG</u>	<u>SEP</u>	<u>TOTAL</u>
1.2.2.1.4 (1A24)	SYSTEMS ENGINEERING ACTIVITY TOTAL														
		0 – LABOR	114	121	185	259	194	207	157	183	100	106	110	134	1,868
		1 – MATERIALS	4	3	58	56	23	4	6	14	2	0	2	7	179
		2 – PURCHASED SERVICES	60	67	61	61	66	67	54	87	81	67	69	70	813
		3 – OTHER CONTRACTORS	10	10	25	95	125	159	145	124	100	64	50	20	927
		4 – SITE SERVICES	8	19	18	4	2	5	1	5	2	1	2	3	70
		5 – INTERNAL CHARGES	46	46	46	46	46	46	0	0	0	0	0	0	276
		6 – IRM	0	0	0	5	0	38	0	0	0	0	5	0	48
		7 – DEPT OVERHEAD	38	42	61	82	60	63	45	55	28	30	31	37	571
		8 – G&A/CSP	70	77	112	139	111	123	80	99	63	58	60	66	1,055
		ACTIVITY TOTAL	349	385	566	748	627	712	488	567	375	326	328	336	5,806
LIQUID EFFLUENTS TOTAL			1,699	1,927	2,779	2,929	2,573	2,695	2,449	3,543	2,714	2,880	2,523	3,137	31,849

LIQUID EFFLUENTS
WBS # 1.2.2.1

FY 1994 FYWP

4.A.4 COST BASELINE SUMMARY – ADS/FUND TYPE

(\$000)

WBS	WBS TITLE	ADS NUMBER	ADS TITLE	OPERATING EXPENSE		CENRTC		GPP		LINE ITEM		TOTAL
				FY94	FY93	FY94	FY93	FY94	FY93	FY94	FY93	
				BA	Carryover	BA	Carryover	BA	Carryover	BA	Carryover	
1.2.2.1.1 (A21)	PROGRAM MANAGEMENT	2300-00	Liquid Effluents	9,246	0	0	15	0	676	0	0	9,937
1.2.2.1.1.1 (A2110)	Program Management			1,975								1,975
1.2.2.1.1.2 (A2120)	WSCF Laboratory Support			534								534
1.2.2.1.1.3 (A2130)	LERF Operations			1,137					676			1,813
1.2.2.1.1.4 (A2140)	Interim Compliance			5,600			15					5,615
												0
1.2.2.1.2 (A22)	200 AREA ETF OPERATIONS	2300-00	Liquid Effluents	10,865	0	189	47	0	0	0	0	11,101
1.2.2.1.2.1 (A2210)	200 Area ETF Operations			9,135		189	47					9,371
1.2.2.1.2.2 (A2220)	200 Area TEDF Support (W-049H)			1,475								1,475
1.2.2.1.2.3 (A2230)	200 Area BAT/AKART W-291H			255								255
1.2.2.1.3 (A23)	300 AREA TEDF OPERATIONS	2300-00	Liquid Effluents	5,544	390	75	71	600	400	0	0	7,000
1.2.2.1.3.1 (A2310)	300 Area TEDF Operations			5,544	257							5,801
1.2.2.1.3.2 (A2320)	340/307 Facility Operations	2320-00	Wat & Decon Svs	0	133	75	71	600	400			1,279
1.2.2.1.4 (A24)	SYSTEMS ENGINEERING	2300-00	Liquid Effluents	4,804	1,000	0	0	0	0	0	0	5,804
1.2.2.1.4.1 (A2410)	Phase II Streams (W-252)			301	1,000							1,301
1.2.2.1.4.2 (A2420)	200 Area ETF Systems Engineering Support			1,200								1,200
1.2.2.1.4.3 (A2430)	300 Area TEDF Systems Engineering Support			0								0
1.2.2.1.4.4 (A2440)	Miscellaneous Streams			2,000								2,000
1.2.2.1.4.5 (A2450)	Treatability Laboratory			1,303								1,303
LIQUID EFFLUENTS TOTALS				30,459	1,390	264	133	600	1,076	0	0	33,922
					31,849		397		1,676		0	

Notes:

Operating Expense FY 93 Carryover:

\$ 257K – ADS 2300

\$ 133K – ADS 2320

\$1,000K – ADS ? (See WHC PIT Change Request)

CENRTC:

\$189K – New FY 94 CENRTC – ADS 2300

\$ 75K – New FY 94 CENRTC – ADS 2320

\$ 15K & \$47K – Prior Yr CENRTC – ADS 2300

\$ 71K – Prior Yr CENRTC – ADS 2320

GPP:

\$600K – NEW FY 94 GPP – ADS 2320

\$400K – Prior Yr GPP – ADS 2320

\$676K – Prior Yr GPP – ADS 2300

LIQUID EFFLUENTS
WBS # 1.2.2.1

FY 1994 FYWP

4.A.5 COST BASELINE SUMMARY – CENRTC

(\$000)

<u>WBS</u>	<u>WBS</u> <u>TITLE</u>	<u>ADS</u> <u>NUMBER</u>	<u>ADS</u> <u>TITLE</u>	<u>OCT</u>	<u>NOV</u>	<u>DEC</u>	<u>JAN</u>	<u>FEB</u>	<u>MAR</u>	<u>APR</u>	<u>MAY</u>	<u>JUN</u>	<u>JUL</u>	<u>AUG</u>	<u>SEP</u>	<u>TOTAL</u>
1.2.2.1.1.4	Interim Compliance	2300-00	Liquid Effluents					15								15
1.2.2.1.2.1	200 Area ETF Operations	2300-00	Liquid Effluents					50		75	75	36				236
1.2.2.1.3.2	340/307 Facility Operations	2320-00	Wst & Decon Svs				75			71						146
																0
																0
																0
			TOTAL	0	0	0	75	65	0	146	75	36	0	0	0	397

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2 of 4

LIQUID EFFLUENTS
WBS # 1.2.2.1

FY 1994 FYWP

4.A.6 COST BASELINE SUMMARY – GPP

(\$000)

<u>WBS</u>	<u>WBS</u> <u>TITLE</u>	<u>ADS</u> <u>NUMBER</u>	<u>ADS</u> <u>TITLE</u>	<u>OCT</u>	<u>NOV</u>	<u>DEC</u>	<u>JAN</u>	<u>FEB</u>	<u>MAR</u>	<u>APR</u>	<u>MAY</u>	<u>JUN</u>	<u>JUL</u>	<u>AUG</u>	<u>SEP</u>	<u>TOTAL</u>
1.2.2.1.1.3	LERF Operations	2300-00	Liquid Effluents							676						676
1.2.2.1.3.2	340/307 Facility Operations	2320-00	Wst & Decon Svs						400			600				1,000
TOTAL				0	0	0	0	0	400	676	0	600	0	0	0	1,676

LIQUID EFFLUENTS
WBS # 1.2.2.1

FY 1994 FYWP

4.B.1 PROGRAM FUNDING (\$000)

WBS	WBS TITLE	ADS NUMBER	ADS TITLE	FUND TYPE	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	TOTAL
APPROVED FUNDING																	
1.2.2.1.1	Program Management	2300-00	Liquid Effluents	OE	161	142	146	197	175	180	153	184	146	165	149	178	1,975
				CE													0
				GPP													0
				LI													0
					161	142	146	197	175	180	153	184	146	165	149	178	1,975
1.2.2.1.2	WSCF Laboratory Support	2300-00	Liquid Effluents	OE	4	4	3	5	4	4	4	117	88	102	89	111	534
				CE													0
				GPP													0
				LI													0
					4	4	3	5	4	4	4	117	88	102	89	111	534
1.2.2.1.3	LERF Operations	2300-00	Liquid Effluents	OE	101	132	124	139	81	76	76	88	66	66	59	130	1,137
				CE													0
				GPP	0	0	0	0	0	0	676	0	0	0	0	0	676
				LI													0
					101	132	124	139	81	76	752	88	66	66	59	130	1,813
1.2.2.1.4	Interim Compliance	2300-00	Liquid Effluents	OE	293	354	298	508	639	618	517	555	471	451	381	514	5,600
				CE	0	0	0	0	15	0	0	0	0	0	0	0	15
				GPP													0
				LI													0
					293	354	298	508	654	618	517	555	471	451	381	514	5,615
1.2.2.1.2.1	200 Area ETF Operations	2300-00	Liquid Effluents	OE	470	549	520	670	589	687	665	910	798	1,136	953	1,189	9,135
				CE	0	0	0	0	50	0	75	75	36	0	0	0	236
				GPP													0
				LI													0
					470	549	520	670	639	687	740	985	834	1,136	953	1,189	9,371

LIQUID EFFLUENTS
WBS # 1.2.2.1

FY 1994 FYWP

4.B.1 PROGRAM FUNDING (\$000)																	
WBS	WBS TITLE	ADS NUMBER	ADS TITLE	FUND TYPE	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	TOTAL
1.2.2.1.2.2	200 Area TEDF Support (W-049H)	2300-00	Liquid Effluents	OE	47	108	44	73	86	114	148	178	183	168	146	181	1,475
				CE													0
				GPP													0
				LI													0
					47	108	44	73	86	114	148	178	183	168	146	181	1,475
1.2.2.1.2.3	200 Area BAT/AKART W-291H	2300-00	Liquid Effluents	OE	14	12	11	9	8	8	34	32	31	34	29	34	255
				CE													0
				GPP													0
				LI													0
					14	12	11	9	8	8	34	32	31	34	29	34	255
1.2.2.1.3.1	300 Area TEDF Operations	2300-00	Liquid Effluents	OE	262	242	1,067	581	366	297	364	913	557	431	390	465	5,934
				CE													0
				GPP													0
				LI													0
					262	242	1,067	581	366	297	364	913	557	431	390	465	5,934
1.2.2.1.3.2	340/307 Facility Operations	2320-00	Wst & Decon Sv:	OE													0
				CE	0	0	0	75	0	0	100	0	100	0	0	0	275
				GPP	0	0	0	0	0	400	0	0	600	0	0	0	1,000
				LI													0
					0	0	0	75	0	400	100	0	700	0	0	0	1,275
1.2.2.1.4.1	Phase II Streams W-252	2300-00	Liquid Effluents	OE	53	58	67	147	138	187	111	114	114	111	117	85	1,301
				CE													0
				GPP													0
				LI													0
					53	58	67	147	138	187	111	114	114	111	117	85	1,301

LIQUID EFFLUENTS
WBS # 1.2.2.1

FY 1994 FYWP

4.B.1 PROGRAM FUNDING (\$000)

WBS	WBS TITLE	ADS NUMBER	ADS TITLE	FUND TYPE	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	TOTAL
1.2.2.1.4.2	200 Area ETF Systems Engineering Support	2300-00	Liquid Effluents	OE	130	153	140	101	86	106	85	127	70	71	63	69	1,201
				CE													0
				GPP													0
				LI													0
					130	153	140	101	86	106	85	127	70	71	63	69	1,201
1.2.2.1.4.3	300 Area TEDF Systems Engineering Support	2300-00	Liquid Effluents	OE	0	0	0	0	0	0	0	0	0	0	0	0	0
				CE													0
				GPP													0
				LI													0
					0	0	0	0	0	0	0	0	0	0	0	0	0
1.2.2.1.4.4	Miscellaneous Streams	2300-00	Liquid Effluents	OE	108	103	179	301	285	246	171	164	137	102	94	110	2,000
				CE													0
				GPP													0
				LI													0
					108	103	179	301	285	246	171	164	137	102	94	110	2,000
1.2.2.1.4.5	Treatability Laboratory	2300-00	Liquid Effluents	OE	58	71	180	199	117	173	121	162	55	43	54	72	1,303
				CE													0
				GPP													0
				LI													0
					58	71	180	199	117	173	121	162	55	43	54	72	1,303
1.2.2.1	LIQUID EFFLUENTS TOTAL APPROVED	2300-00	Liquid Effluents	OE	1,699	1,927	2,779	2,929	2,573	2,695	2,449	3,543	2,714	2,880	2,523	3,137	31,849
				CE	0	0	0	75	65	0	175	75	136	0	0	0	526
				GPP	0	0	0	0	0	400	676	0	600	0	0	0	1,676
				LI	0	0	0	0	0	0	0	0	0	0	0	0	0
					1,699	1,927	2,779	3,004	2,638	3,095	3,300	3,618	3,450	2,880	2,523	3,137	34,051

LIQUID EFFLUENTS
WBS # 1.2.2.1

FY 1994 FYWP

5. PROGRAM MANPOWER (FTE)														
PROGRAM ELEMENT	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Total	
<u>1.2.2.1.1 (1A21) – Program Management</u>														
1.2.2.1.1.1 – Program Management	18.4	18.4	18.4	18.4	18.4	18.4	18.4	18.4	19.4	19.4	19.4	19.4	18.7	
1.2.2.1.1.2 – WSCF Laboratory Support	0.5	0.5	0.5	0.5	0.5	0.5	0.5	12.0	12.0	12.0	12.0	12.0	5.3	
1.2.2.1.1.3 – LERF Operations	7.5	8.1	7.7	7.3	7.7	6.6	6.2	5.9	5.3	5.1	5.2	5.1	6.5	
1.2.2.1.1.4 – Interim Compliance	45.5	48.3	47.7	49.3	49.4	48.4	45.3	5.8	56.6	54.9	55.0	54.9	46.8	
1.2.2.1.1 – Subtotal	71.9	75.3	74.3	75.5	76.0	73.9	70.4	42.1	93.3	91.4	91.6	91.4	77.3	
<u>1.2.2.1.1 (1A22) – 200 Area ETF Operations</u>														
1.2.2.1.2.1 – 200 Area ETF Operations	46.3	51.8	51.3	54.2	57.1	65.6	66.3	69.4	77.6	92.8	102.4	102.7	69.8	
1.2.2.1.2.2 – 200 Area TEDF Supt (W–049H)	5.1	8.4	5.1	8.4	12.1	12.4	9.9	11.9	11.9	11.3	8.8	12.4	9.8	
1.2.2.1.2.3 – 200 Area BAT/AKART (W–291H)	1.5	1.5	1.5	0.9	0.9	0.9	0.8	0.4	0.4	0.3	0.2	0.2	0.8	
1.2.2.1.2 – Subtotal	52.9	61.7	57.9	63.5	70.1	78.9	77.0	81.7	89.9	104.4	111.4	115.3	80.4	
<u>1.2.2.1.3 (1A23) – 300 Area TEDF Operations</u>														
1.2.2.1.3.1 – 300 Area TEDF Operations	22.4	26.1	42.4	38.6	42.7	33.6	42.2	40.6	49.8	46.6	47.9	46.9	40.0	
1.2.2.1.3.2 – 340/307 Facility Operations													0.0	
1.2.2.1.3 – Subtotal	22.4	26.1	42.4	38.6	42.7	33.6	42.2	40.6	49.8	46.6	47.9	46.9	40.0	
<u>1.2.2.1.4 (1A24) – Systems Engineering</u>														
1.2.2.1.4.1 – Phase II Streams (W–252)	2.4	3.5	4.8	5.9	6.3	6.0	3.1	2.5	2.5	2.6	4.0	3.3	3.9	
1.2.2.1.4.2 – 200 Area ETF Sys Eng Support	9.2	15.8	15.0	10.1	5.9	5.2	5.0	6.3	4.7	4.7	4.8	4.5	7.6	
1.2.2.1.4.3 – 300 Area TEDF Sys Eng Support													0.0	
1.2.2.1.4.4 – Miscellaneous streams	4.3	4.4	11.5	14.6	12.5	7.4	6.8	5.4	5.4	5.4	5.4	5.4	7.4	
1.2.2.1.4.5 – Treatability Laboratory	5.6	7.5	14.6	14.6	13.7	19.9	13.1	11.7	5.5	3.8	6.6	7.1	10.3	
1.2.2.1.4 – Subtotal	21.5	31.2	45.9	45.2	38.4	38.5	28.0	25.9	18.1	16.5	20.8	20.3	29.2	
1.2.2.1 – Liquid Effluent TOTAL	168.7	194.3	220.5	222.8	227.2	224.9	217.6	190.3	251.1	258.9	271.7	273.9	226.8	

LIQUID EFFLUENTS

WBS 1.2.2.1

1994 FISCAL YEAR WORK PLAN

WHC-SP-1028

6.0 FY 1993 PROGRAM WORKSCOPE CARRYOVER SUMMARY

Operating Expense

- \$ 257K (ADS 2300-0 Liquid Effluents) Required for the preparation of 61 operating procedures for the 300 Area TEDF (L-045H). Workscope carried over from FY 1993 and is critical to the completion of the Tri-Party Agreement Milestone M-17-09 by December 1994.
- \$ 133K (ADS 2320-0 Waste and Decontamination Services) FY 1993 carryover workscope and dollars to support 340 Facility training upgrades required by RL. (This item may be shown in other documentation as new BA to this program; regardless, the workscope is the same).
- \$1,000K (ADS ? See WHC PIT Change Request) supports part of Phase II workscope required for compliance with TPA. (This item may be shown in other documentation as new BA to this program; regardless, the workscope is the same).

Capital Equipment Not Related to Construction (CENRTC)

- \$ 15K Complete the purchase of LEMIS computer equipment (\$15K)
- \$ 47K Procurement of two vehicles to support ETF Operations. Original carryover was \$72K however \$25K was reprogrammed in WHC PIT actions.
- \$ 71K (ADS 2320-0 Waste and Decontamination Services) Prior year uncoded CENRTC for 340 Facility PCM Trailer.

General Plant Projects (GPP)

- \$ 676K (ADS 2300-0 Liquid Effluents) \$676K required to complete LERF Load In/Load Out Stations (Project W-342)
- \$ 400K (ADS 2320-0 Waste and Decontamination Services) to support 340 Facility Stack Monitoring.

LIQUID EFFLUENTS
WBS 1.2.2.1

1994 FISCAL YEAR WORK PLAN

WHC-SP-1028

7.0 APPENDIX

Appendix 7A - FY 1994 WBS Dictionary Sheets

Appendix 7B - FY 1994 Cost Account Authorizations

Appendix 7C - FY 1994 Milestone Description Sheets

Appendix 7D - Program Element Schedule (Master Operating)

Appendix 7E - Activity Schedule (Cost Account Summary)

Appendix 7F - Basis of Estimate (BOE)

Appendix 7G - Detailed Costs

Appendix 7H - Full Time Equivalent Staff by Job Classification

WORK BREAKDOWN STRUCTURE DICTIONARY

PART II - ELEMENT DEFINITION

WORK BREAKDOWN STRUCTURE DICTIONARY PART II - ELEMENT DEFINITION		WBS ELEMENT CODE: 1A21/1.2.2.1.1 TITLE: Liquid Effluents - Program Management CONTRACTOR: Westinghouse Hanford Co.	
INDEX LINE NO. 4	REVISION NO. AND AUTHORIZATION Rev 0	DATE 11-20-93	
APPROVED CHANGES None			
SYSTEM DESIGN DESCRIPTION NUMBER: None TITLE:		FUNDING DOCUMENTS ADS 2300-0	

ELEMENT TASK DESCRIPTION

A. COST ELEMENT:

Labor costs, materials and equipment, purchased services, services from other Hanford contractors, internal company charges, functional overhead, G&A/CSP.

B. TECHNICAL CONTENT:

The Program Management Activity is broken down into four subactivities. The individual subactivity missions are as follows:

Program Management and Administration - WBS 1.2.2.1.1.1 (A2110)

The mission of this activity is to provide overall coordination, direction and customer interface for the activities in the Liquid Effluents Program. Administrative support is provided for program documentation, funds management, scheduling, and reporting.

WSCF Laboratory Support - WBS 1.2.2.1.1.2 (A2120)

The Waste Sampling and Characterization Facility mission is to provide on-site waste sample analysis and reporting services for the Effluent Treatment Facility.

LERF Operations - WBS 1.2.2.1.1.3 (A2130)

The mission of the LERF is to store the 242-A Evaporator process condensate until such time that it can be processed by the 200 Area Effluent Treatment Facility. The date to begin operations of the ETF in October 1994 has been delayed with a new projected date of June 1995 being negotiated with the regulators.

Interim Compliance - WBS 1.2.2.1.1.4 (A2140)

As an interim compliance measure prior to fulfilling milestone M-17 of the Tri-Party Agreement, the Interim Compliance Program is required to fulfill the requirements of Consent Order DE-91NM-177 for the permitting of liquid effluent discharges under Washington Administrative Code (WAC) 173-216. Milestone M-17 requires DOE and their

contractors to cease liquid effluent discharges to the soil column by June of 1995 for Phase I, or October of 1997 for Phase II streams, or to have those discharges appropriately permitted. In addition, milestone M-17-13-A requires the assessment of potential impacts to the groundwater from the continued interim discharge of the Phase I and Phase II streams. These impact assessments are intended to determine if these discharges could have immediate adverse effects which should not be allowed. Completion of these assessments and preparation of properly executed WAC 173-216 Permit applications requires the collection of quality effluent characterization data. This is being accomplished via the preparation and implementation of Sampling and Analyses Plans.

C. WORK STATEMENT:

Program Management/Administration - WBS 1.2.2.1.1.1 (A2110)

The overall objective of the Program Management/Administration activity is to provide direction, coordination, and customer interface to those activities required to meet the major mission to manage current and future liquid effluent streams in a safe, responsible, cost effective, and legally compliant manner. The most immediate objective is to end the practice of using the soil column at the Hanford Site to "treat" contaminated liquid effluents.

- Provide Program manager and activity engineering support to coordinate those activities required to meet the program, Tri-Party Agreement, and Consent Order milestones.
- Provide financial and scheduling support to the program.
- Provide independent Readiness Review Board review and approval for the facilities being built under this program.

WSCF Laboratory Support - WBS 1.2.2.1.1.2 (A2120)

- Provide engineering support to define 200 Area ETF sampling plans and requirements.
- Initiate hiring and training of laboratory staff to support the 200 Area ETF sample analysis requirements for readiness testing and future operations.

LERF Operations - WBS 1.2.2.1.1.3 (A2130)

- Operate the Liquid Effluent Retention Facility in a safe and environmentally secure manner to store the process condensate until the 200 Area Effluent Treatment Facility is operational.

Interim Compliance - WBS 1.2.2.1.1.4 (A2140)

The Program's objectives are to fulfill the requirements of Consent Order DE 91NM-177 and the Tri-Party Agreement as they relate to the discharge of Phase I and Phase II effluents prior to their final disposition. Specific objectives are :

- Perform sampling and analysis activities as required by the approved Sampling and Analysis Plans to support the preparation of effluent discharge permit applications and Groundwater Impact Assessments.

- Perform Groundwater Impact Assessments to determine the effect of continued discharge of liquids to the soil column (216-Z20, 216-S-26 Crib, 216-U-14 Ditch, 216-L-WC Crib, the 216-T-1 Ditch, the 216-T-4-2 Ditch, and the 216-B-3 Pond).
- Obtain interim WAC 173-216 permits for the discharge of Phase I and Phase II effluents as appropriate.
- Provide on-line stream characterization data to the regulators using the Liquid Effluent Management Information System (LEMIS).
- Complete and submit to RL, for approval and forwarding to Ecology, WHC certified WAC 173-216 State Waste Discharge Permit applications for the two interim disposal sites (216-B-3 Pond, 100-D Pond).

WORK BREAKDOWN STRUCTURE DICTIONARY

PART II - ELEMENT DEFINITION

WORK BREAKDOWN STRUCTURE DICTIONARY PART II - ELEMENT DEFINITION		WBS ELEMENT CODE: 1A22/1.2.2.1.2 TITLE: Liquid Effluents - 200 Area ETF Operations CONTRACTOR: Westinghouse Hanford Co.	
INDEX LINE NO. 9	REVISION NO. AND AUTHORIZATION Rev 0	DATE 11-25-93	
APPROVED CHANGES None			
SYSTEM DESIGN DESCRIPTION NUMBER: None TITLE:		FUNDING DOCUMENTS ADS 2300-0	

ELEMENT TASK DESCRIPTION

A. COST ELEMENT:

Labor costs, materials and equipment, purchased services, services from other Hanford contractors, internal company charges, functional overhead, G&A/CSP.

B. TECHNICAL CONTENT:

The mission of the 200 Area ETF Operations is to provide safe, cost effective and environmentally sound design review, construction review, readiness review, startup testing, and continued operations of all 200 Area effluent treatment facilities. The scope of this effort currently includes:

- Project C-018H, 200 Area Effluent Treatment Facility
- Project W-049H, 200 Area Treated Effluent Disposal Facility
- Project W-291H, 200 Area BAT/AKART Implementation

C. WORK STATEMENT:

200 Area ETF Operations (C-018H) - WBS 1.2.2.1.2.1 (A2210)

- The RCRA Part B Permit Application was submitted to Ecology in August 1993. Work will continue once Ecology supplies the required Notice of Deficiencies to identify the State comments on the application.
- The disposal permit application required for compliance with WAC 173-216 was submitted in August 1993. Work will continue to negotiate an acceptable point-of-compliance for the disposal permit.
- Work continues on the approval of the Research, Development and Demonstration Permit application required for compliance with RCRA and WAC 173-303. This permit is required to authorize pilot plant testing with actual hot feed.
- Work continues in support of the federal Delisting Petition required per 40 CFR 260. The petition is under consideration by EPA and supplemental

information requests are anticipated. Test data on actual 242-A Evaporator PC will be supplied to EPA as it becomes available.

- Acceptance test procedures will begin in the spring of 1994. The facility will be turned over to the contractor for operation test procedures in June 1994.
- The program has begun ramp-up in manpower to support the June 1995¹ start-up date. Operations, maintenance and engineering management and supervisory personnel have been added. The staffing of these groups will be completed in FY 1995.
- A plan has been developed for conducting the operational readiness review. The Review Team will be established to perform readiness activities required to define the facility as "ready" for operations.

200 Area TEDF Support (W-049H) - WBS 1.2.2.1.2.2 (A2220)

The objectives of the 200 Area TEDF are to provide a piping network and State approved land disposal site for the collection and disposal of the Hanford Site 200 Areas Phase I and Phase II effluents. The facility is to be operational by June 1995 to satisfy TPA Milestone M-17-08. Specific FY 1994 objectives are:

- Complete the disposal site characterization report.
- Complete FY 1994 groundwater monitoring (sampling and analysis).
- Complete the WAC 240 engineering report (ie, the 200 Area Treated Effluent Disposal Facility (Project W-049H) Wastewater Engineering Report) revision.
- Complete the preparation of the SEPA Checklist to be submitted to Ecology with the WAC 216 Permit application.
- Perform a groundwater quality criteria analysis.
- Prepare and submit to RL the draft Preventative Maintenance Procedures.
- Prepare and submit to Ecology the Operations and Maintenance Manuals.
- Prepare and submit WHC certified WAC 216 Permit Application to RL.
- Initiate development of operating procedures.
- Complete implementation of the Facility Certification Plans.
- Continue the construction of the collection system.
- Award the construction contract for the disposal ponds and initiate construction activities.
- Complete the instrumentation/controls definitive design and procurement and initiate the installation thereof.

¹ The original TPA date of October 1994 is being delayed. For planning purposes this date has been revised to June 1995. TPA Change Request M-17-93-07 is being processed to document this change caused primarily by a delay in Ecology's SEPA determination, funding constraints, and new operating/startup requirements.

- Initiate Readiness Review activities.

200 Area BAT/AKART (W-291H) - WBS 1.2.2.1.2.3 (A2230)

The objectives of this program is to ensure that the BAT/AKART for the six Phase I and Phase II streams from T Plant UO₃/U Plant, 284-W Power Plant, and the 2101-M Lab is implemented in time to meet the following June 1995 Tri-Party Agreement Milestones:

- M-17-00A, "Complete Facility Upgrades for all Phase I Streams"
- M-17-08B, "Implement BAT/AKART at the Generating Facilities"
- M-17-17, "Cease Discharge of UO₃/U Plant Wastewater to the 216-U-14 Ditch"
- M-17-19, "Cease Discharge to the 216-U-17 Crib"
- M-17-38, "Cease All Discharges to the 284-W Powerplant Pond"
- M-17-41, "Cease All Discharges to the 216-T-4-2 Ditch"
- M-17-42, "Cease All Discharges to the 216-T-1 Ditch"
- M-17-43, "Cease All Discharges to the 2101-M Pond"

Specific FY 1994 objectives are:

- Initiate revisions to Generating Facility Safety Documentation to accommodate impacts of constructing and implementing the BAT/AKART at each facility as required.
- Finalize determinations of permits required for implementing BAT/AKART at each facility.
- Initiate preparation of required permit applications.
- Complete definitive design of the BAT/AKART systems.
- Initiate construction of the BAT/AKART systems.

WORK BREAKDOWN STRUCTURE DICTIONARY

PART II - ELEMENT DEFINITION

WORK BREAKDOWN STRUCTURE DICTIONARY PART II - ELEMENT DEFINITION		WBS ELEMENT CODE: 1A23/1.2.2.1.3 TITLE: Liquid Effluents - 300 Area TEDF Operations CONTRACTOR: Westinghouse Hanford Co.	
INDEX LINE NO. 13	REVISION NO. AND AUTHORIZATION Rev 0	DATE 11-25-93	
APPROVED CHANGES None			
SYSTEM DESIGN DESCRIPTION NUMBER: None TITLE:		FUNDING DOCUMENTS ADS 2300-0, TWRS	

ELEMENT TASK DESCRIPTION

A. COST ELEMENT:

Labor costs, materials and equipment, purchased services, services from other Hanford contractors, internal company charges, functional overhead, G&A/CSP.

B. TECHNICAL CONTENT:

The mission of the 300 Area TEDF Operations activity is to provide safe, cost effective, and environmentally sound design, construction and readiness reviews, startup testing and continued operations of all 300 Area effluent treatment facilities. The scope of this effort currently includes Project L-045H, 300 Area TEDF, and the upgrades and operations of the 340/307 Facilities.

C. WORK STATEMENT:

300 Area TEDF Operations (L-045H) - WBS 1.2.2.1.3.1 (A2310)

- Provide ongoing program support to allow treatment facility construction and start-up activities to comply with the Tri-Party Agreement Milestone of "hot start-up" by December 1994. Support will be adequate to assure the following:
 - Construction activities are tracked for overall impact on the operational readiness of the facility.
 - Readiness review activities proceed in support of the overall schedule for testing and start-up.
- Provide ongoing support as the "central point" of contact for all permitting and regulatory compliance needs. Support will be adequate to assure the following:
 - Construction activities are compliant with applicable regulatory requirements, including adequacy for discharge of treated effluent under the NPDES portion of the CWA.
 - Completion and/or subsequent approval of the following during FY94;

- (1) NPDES Permit
 - (2) Washington State Department of Ecology Water Quality Modification Permit
 - (3) Corps of Engineers Permit application (Clean Water Act 404 Permit)
 - (4) Washington State Department of Natural Resources Aquatic Land Lease
 - (5) County of Benton Shoreline Permit
- Provide ongoing process engineering support to assure that the facility can be constructed and operated in a safe and environmentally compliant manner, including:
 - Adequate implementation of the proposed BAT. This is accomplished through the technical overview of changes to the detailed design required during construction by the Architect/Engineer.
 - Process control requirements are established to support acceptance testing, operational testing, and actual operations of the facility.
 - Engineering data and other relevant information is provided to support permitting activities and contracted engineering services.
 - Documents prepared by the Architect/Engineer receive the appropriate level of review. Serve as a central point of contact and assist in the resolution of the review comments.
 - The Operations organization is supported on a "day to day" basis with cognizant level engineering services as defined within the engineering practices manual. Particular emphasis to be placed on supporting Process Safety and Control measures which, (1) establishes generator requirements, (2) provides independent overview of generator compliance to requirements, and (3) facilitates the integration of engineering activities implemented by the generators to meet applicable requirements. This includes interfacing with the PNL contractor.
 - Provide technical support for development of the applicable operational safety documents.
 - Provide ongoing Operations support to assure the facility can be constructed and operated in a safe and environmentally compliant fashion, including:
 - The Architect/Engineer and construction activities are integrated with operational needs
 - Implement Operational Safety and Process Control requirements which establish generator requirements, provide adequate management controls for interim operations prior to "hot startup", and which provide for subsequent operation of the treatment facility. The key elements for achieving this objective during FY 1994 includes implementation of the;
 - (1) Waste Acceptance Criteria Plan which establishes the influent receiving criteria for the treatment facility.
 - (2) Facility Certification Plan which establishes a certification process for each generating facility to assure compliance with the Waste Acceptance Criteria. In addition, facilities certify flow rates, inventory of constituents routed to process sewer, and potential upsets.

(3) Volume and Flow Reduction Control Plan which establishes controls to assure flow rates do not exceed design capacity or commitments.

- Provide overview of generator compliance to Operational Safety and Process Control requirements and facilitate the integration of engineering activities implemented by the generators to meet applicable requirements. This includes interfacing with the PNL contractor.
- Provide operational support for development of the applicable operational safety documents.

340/307 Facility Operations - WBS 1.2.2.1.3.2 (A2320)

Provide liquid waste accumulation (340 Facility) and retention process sewer (307 Facility) monitoring and diversion capabilities in support of 300 Area laboratory activities.

- TPA Milestone M-10 requires WHC to "complete analyses of at least two complete core samples from each single-shell tank". Sampling is performed by the 300 Area Laboratories (PNL operated). Wastes are then sent to the 340 Facility for temporary storage and transfer to long-term storage. The 340 Facility must remain compliant and operational for these milestones to be met by the 300 Area Laboratories and TWRS.
- Complete maintenance upgrades to the 307 basins and level detectors in the 340 tanks.
- Complete identification of all contributors to the Radioactive Liquid Waste System (RLWS) and the Retention Process Sewer (RPS) system, and develop required documentation for controls.
- Ensure monitoring and sampling systems at 307 are adequate to meet the acceptance criteria of the 300 Area Treated Effluent Disposal Facility.
- Complete the integrity assessment of the 340 tank system.

WORK BREAKDOWN STRUCTURE DICTIONARY

PART II - ELEMENT DEFINITION

WORK BREAKDOWN STRUCTURE DICTIONARY PART II - ELEMENT DEFINITION		WBS ELEMENT CODE: 1A24/1.2.2.1.4 TITLE: Liquid Effluents - Systems Engineering CONTRACTOR: Westinghouse Hanford Co.	
INDEX LINE NO. 16	REVISION NO. AND AUTHORIZATION Rev 0	DATE 11-25-93	
APPROVED CHANGES None			
SYSTEM DESIGN DESCRIPTION NUMBER: None TITLE:		FUNDING DOCUMENTS ADS 2300-0 , 2300-1	

ELEMENT TASK DESCRIPTION

A. COST ELEMENT:

Labor costs, materials and equipment, purchased services, services from other Hanford contractors, internal company charges, functional overhead, G&A/CSP.

B. TECHNICAL CONTENT:

The mission of the Systems Engineering activity is to assist in development of long-range plans, perform engineering evaluations, investigate new feeds to treatment plants, and integrate future liquid effluent projects into the existing liquid effluent treatment facilities and infrastructures. This scope currently includes Phase II Stream BAT/AKART (Project W-252), Miscellaneous Streams, system engineering support to the 200 and 300 Area treatment facilities, and oversight/ utilization of the Treatability Laboratory located at the 1706E Facility.

C. WORK STATEMENT:

Phase II Streams (W-252) - WBS 1.2.2.1.4.1 (A2410)

- The objective of the Phase II Liquid Effluent Program is to bring these wastewater streams into compliance with Section 304 of the Clean Water Act, which requires the application of BAT. Also, Washington Administrative Code requires the application of AKART to all wastewaters proposed for discharge in the State. In accordance with DOE Orders, waste minimization will also be a requirement of the project design. Per the TPA Milestone M-17-00B, BAT/AKART must be implemented for all Phase II liquid effluent streams by October 1997.

Specific objectives for FY 1994 include:

- Complete resolving the Ecology comments on the "Phase II Effluent Program (Project W-252) Wastewater Engineering Report and BAT/AKART Studies."
- Initiate efforts to revise/update the 200 Area TEDF/Generating Facility Interface Control Document to include the Phase II Streams.
- Initiate and complete advanced conceptual design.

- Complete the Project Management Plan.
- Prepare a Safety Documentation Program Plan.
- Prepare Automated Data Processing Plan.

200 Area ETF Systems Engineering Support - WBS 1.2.2.1.4.2 (A2420)

- Additional Organic Destruction Study - Evaluate the options for adding additional or alternative organic destruction to the 200 Area ETF.
- Evaluate the optimization of the LERF to allow the recycle of liquid, use of one treatment train, addition of capacity, bypassing treatment trains, etc..
- Complete the LERF Basins Alternative Uses Study.
- Work continues on the set-up of the 1706-KE facility in which hot Pilot plant testing will be conducted.
- Perform evaluations on feasibility of additional waste streams to the 200 Area ETF such as purge water, K Basin, N Reactor, groundwater, leachate from RCRA burial trenches, etc.
- Manage the operation of the Treatability laboratory.
- Conduct an engineering study to support the TPA milestone for evaluation of tritium removal technologies.
- Support the construction of the load-in/load-out facilities at the Treatability Laboratory and LERF basins.

300 Area TEDF Systems Engineering Support - WBS 1.2.2.1.4.3 (A2430)

- Perform an engineering study on the replacement of the 340 Facility.
- Provide systems engineering support to review, plan and make decisions on potential long term options such as connection with the City of Richland POTW or privatization of the facility.

Miscellaneous Streams - WBS 1.2.2.1.4.4 (A2401)

- A plan and schedule for disposition and regulatory compliance for all remaining Miscellaneous streams to Ecology for approval is scheduled for completion by January 1994.
- In addition, WAC 173-216 (or WAC 218 where applicable) permit applications are required for the following Miscellaneous streams by June 1994:

209-E Building Steam Condensate
 400 Area Sanitary Wastewater
 200-W Powerhouse Ash Wastewater
 200-E Powerhouse Ash Wastewater
 300 Area Powerhouse Ash Wastewater
 100-N Sanitary Sewer System
 300 Area Filter Backwash
 300 Area Sanitary Sewer System
 272-E, 2703-E Buildings Wastewater
 183-N Filter Backwash

- A WAC 216 permit application is required for the 234-5Z Ventilation Steam Condensate/Dry Air Compressor Cooling water effluent stream by September 1994.

Treatability Laboratory - WBS 1.2.2.1.4.5 (A2450)

- Complete transfer of equipment from 2703E, Chemical Engineering Laboratory, to the 1706E Facility.
- Complete LERF filtration testing.
- Perform testing routines on actual waste when available.

WBS #: 1.2.2.1.1.1	ADS #: 2300-0	WESTINGHOUSE HANFORD COMPANY COST ACCOUNT AUTHORIZATION Liquid Effluents Program				Activity Manager:		Date: 11/17/93	
FDS #: 1A2110	Title: Program Management					AJ Diliberto		Revision #:	
Resp Org Title/Code: Effluent Treatment Programs / 86100		Original Budget (Program \$000)	Budget Prior Revision	Change This Revision	Current Total Budget	Original Start	Original Complete	Start	Complete
Cost Acct Mgr./Phone: AJ Diliberto / 372-3323		\$2000K			\$2000K	10/01/93	09/30/94		
B&R Code: EW3130020 Funding Source: [XX] Operating Expense [] CENRTC [] Line Item [] GPP [] Small Projects									

CONTROLLED MILESTONES (Type legend: TPA = Tri Party Agreement; CO = Consent Order; HQ = DOE-HQ; RL = DOE-RL; Key = WHC)

Milestone No.	Type	Date	Description
	KEY	10/19/93	Set Up Standing Readiness Review Board for 200 Area ETF
LEP-94-002	KEY	TBD	Readiness Review team Declares Readiness (200 Area ETF) (C/R M-17-93-07)
LEP-94-005	KEY	06/30/94	ETF Facility Turnover
LEP-94-006	KEY	TBD	Disposal System Construction Complete (C-018H) (C/R M-17-93-07)
LEP-94-007	KEY	TBD	Collection System Construction Complete (C-018H) (TWRS Stand-down)

COST ACCOUNT WORK SCOPE DESCRIPTION

Cost Account Manager roles and responsibilities are defined in WHC-CM-2-5, Management Control System.

Program Management - Provide program management and administrative support to the Liquid Effluents Program. Administrative support will include budget baseline preparation, approval and implementation; monthly reporting; annual budget submittal preparation and program integration; cost and schedule monitoring and control; presentation preparation; long-range planning; and administration of the Management Control policy and procedures. Support personnel will interface regularly with all WHC organizations and programs as well as other Hanford contractors.

Tasks will be provided to support: (a) Program Manager, clerical support, computer equipment and travel and training related to Program Office activities; (b) Program Control to provide a program planning and control service to monitor, analyze and control program and functional effort, program administration, budget analysts, CENRTC and reports coordination support; (c) Program scheduling to provide scheduling support to the program office, and (d) Program support by Activity Engineers to provide day-to-day coordination and monitoring of Liquid Effluent activities; and (e) preparation of requirements matrix, administrative procedures, self assessments and readiness review activities.

In the event of an FDS global re-pricing of CAPs for things such as rate changes, the current authorized budget for this CAA will be automatically adjusted by the amount of the re-pricing.

Change Record	Approvals					
	Title	Authority to Initiate Planning	Date	Title	Work Authorization	Date
	Activity Manager	AJ Diliberto		Program Administration	CM Allender	
	Program Manager	AJ Diliberto <i>AJ Diliberto</i>	11-11-94	Program Manager	AJ Diliberto <i>AJ Diliberto</i>	1-11-94
	Program Administration	CM Allender <i>Colleen Allender</i>	11-18-93	Activity Manager	AJ Diliberto	
				Cost Account Manager	AJ Diliberto	

WBS #: 1.2.2.1.1.2	ADS #: 2300-0	WESTINGHOUSE HANFORD COMPANY COST ACCOUNT AUTHORIZATION Liquid Effluents Program				Activity Manager: AJ Diliberto		Date: 11/17/93	
FDS #: 1A2120	Title: WSCF					Revision #:			
Resp Org Title/Code: Analytical Laboratory Coordination / 12550		Original Budget (Program \$000)	Budget Prior Revision	Change This Revision	Current Total Budget	Original Start	Original Complete	Start	Complete
Cost Acct Mgr./Phone: JH Kessner / 372-2586		\$540K			\$540K	10/01/93	09/30/94		
B&R Code: EW3130020 Funding Source: [XX] Operating Expense [] CENRTC [] Line Item [] GPP [] Small Projects									

CONTROLLED MILESTONES (Type Legend: TPA = Tri Party Agreement; CO = Consent Order; HQ = DOE-HQ; RL = DOE-RL; Key = WHC)

Milestone No.	Type	Date	Description
KEY		09/30/94	Submit Draft Data Quality Objectives Interface Document to the Program Office

COST ACCOUNT WORK SCOPE DESCRIPTION

Cost Account Manager roles and responsibilities are defined in WHC-CM-2-5, Management Control System.

Program Objectives
 Project C-018H will begin operational test procedures during FY94 in preparation for hot start-up in June 1995. During the operational testing it will be necessary to perform laboratory analyses similar to those that will be required during actual facility operation. This cost account will provide the funds necessary to obtain that laboratory sampling support for the ETF.

Program Assumptions and Constraints
 Analytical support - Operation of effluent treatment and disposal facilities will depend heavily on effluent sample analytical support. Cheaper, faster alternatives for analytical service need to be identified.

Deliverables
 This cost account will deliver the necessary laboratory sampling services to prepare for operational testing.
 In the event of an FDS global re-pricing of CAPs for things such as rate changes, the current authorized budget for this CAA will be automatically adjusted by the amount of the re-pricing.

Change Record	Approvals					
	Title	Authority to Initiate Planning	Date	Title	Work Authorization	Date
	Activity Manager	AJ Diliberto <i>[Signature]</i>	11-18-93	Program Administration	CM Allender <i>[Signature]</i>	12/01/93
	Program Manager	AJ Diliberto <i>[Signature]</i>	11-18-93	Program Manager	AJ Diliberto <i>[Signature]</i>	12/13/93
	Program Administration	CM Allender <i>[Signature]</i>	11-18-93	Activity Manager	AJ Diliberto <i>[Signature]</i>	12/13/93
				Cost Account Manager	JH Kessner <i>[Signature]</i>	11/22/93

WBS #: 1.2.2.1.1.3	ADS #: 2300-0	WESTINGHOUSE HANFORD COMPANY COST ACCOUNT AUTHORIZATION Liquid Effluents Program				Activity Manager: AJ Diliberto		Date: 11/17/93	
FDS #: 1A2130	Title: LERF Operations					Revision #:			
Resp Org Title/Code: Facility Operations / 7C100		Original Budget (Program \$000)	Budget Prior Revision	Change This Revision	Current Total Budget	Original Start	Original Complete	Start	Complete
Cost Acct Mgr./Phone: WE Ross / 373-4565		\$1135K			\$1135K	10/01/93	09/30/94		
B&R Code: EW3130020 Funding Source: [XX] Operating Expense [] CENRTC [] Line Item [] GPP [] Small Projects									

CONTROLLED MILESTONES (Type Legend: TPA = Tri Party Agreement; CO = Consent Order; HQ = DOE-HQ; RL = DOE-RL; Key = WHC)

Milestone No.	Type	Date	Description
LEP-94-028	KEY	TBD	Complete Operational Testing of Basin #44

COST ACCOUNT WORK SCOPE DESCRIPTION

Cost Account Manager roles and responsibilities are defined in WHC-CM-2-5, Management Control System.

Provide operations, engineering and maintenance support for the operation of the Liquid Effluent Retention Facility. Perform all the required operational surveillances for compliance with WHC procedures. Repair and upgrade as necessary to maintain the facility in its present state of excellence. Perform sampling and analysis to meet permit requirements. Assure all permit documentation is upgraded as necessary.

In the event of an FDS global re-pricing of CAPs for things such as rate changes, the current authorized budget for this CAA will be automatically adjusted by the amount of the re-pricing.

Change Record	Approvals					
	Title	Authority to Initiate Planning	Date	Title	Work Authorization	Date
	Activity Manager	AJ Diliberto <i>[Signature]</i>	11-18-93	Program Administration	CM Allender <i>Colleen Allender</i>	12/7/93
	Program Manager	AJ Diliberto <i>[Signature]</i>	11-18-93	Program Manager	AJ Diliberto <i>[Signature]</i>	12/13/93
	Program Administration	CM Allender <i>Colleen Allender</i>	11-18-93	Activity Manager	AJ Diliberto <i>[Signature]</i>	12/13/93
				Cost Account Manager	WE Ross <i>[Signature]</i>	12/16/93

WBS #: 1.2.2.1.1.4	ADS #: 2300-0	WESTINGHOUSE HANFORD COMPANY COST ACCOUNT AUTHORIZATION Liquid Effluents Program				Activity Manager:		Date: 11/17/93	
FDS #: 1A2140	Title: Interim Compliance					AJ Diliberto		Revision #:	
Resp Org Title/Code: Effluent Treatment Program / 86100		Original Budget (Program \$000)	Budget Prior Revision	Change This Revision	Current Total Budget	Original Start	Original Complete	Start	Complete
Cost Acct Mgr./Phone: DR Speer / 373-1110		\$5500K			\$5500K	10/01/93	09/30/94		
B&R Code: EW3130020 Funding Source: [XX] Operating Expense [] CENRTC [] Line Item [] GPP [] Small Projects									

CONTROLLED MILESTONES (Type Legend: TPA = Tri Party Agreement; CO = Consent Order; HQ = DOE-HQ; RL = DOE-RL; Key = WHC)

Milestone No.	Type	Date	Description
LEP-94-053	CO	11/30/93	Submit 183-D Filter Backwash State Waste Discharge Permit to RL
LEP-94-048-52,54	CO	11/30/93	Submit Draft WAC 173-216 Permit Application for "Other" Phase II streams as defined in Table 3 of DE-91NM-177 to RL
	MRL	12/31/93	Submit WAC 173-216 Permit Application for 183-D effluent to Ecology.
	MRL	12/31/93	Submit WAC 173-216 Permit Application for "Other" Phase II streams as defined in Table 3 of DE 91NM-177 to Ecology.
	KEY	09/30/94	Assure the analyses and validation of all samples taken in accordance to the Interim Compliance Program Sampling and Analyses Plans.
LEP-94-068	TPA	10/15/93	Issue Groundwater Impact Assessment for 216-Z-20 crib to DOE-RL
LEP-94-060	TPA	11/19/93	Issue Groundwater Impact Assessment for 216-S-26 crib to DOE-RL.
LEP-94-055	TPA	01/17/94	Issue Groundwater Impact Assessment for 216-U-14 ditch to DOE-RL.
LEP-94-059	TPA	02/14/94	Issue Groundwater Impact Assessment for 216-W-LC crib to DOE-RL.
LEP-94-056	TPA	01/17/94	Issue Groundwater Impact Assessment Plan for 216-T-1 ditch to DOE-RL.
LEP-94-057	TPA	01/17/94	Issue Groundwater Impact Assessment Plan for 216-T-4-2 ditch to DOE-RL.
LEP-94-058	TPA	01/17/94	Issue Groundwater Impact Assessment Plan for 216-B-3 Pond to DOE-RL.
	KEY	07/31/94	Assure the collection of all samples as required on the interim Compliance Program schedule.
LEP-94-061	KEY	04/01/94	Issue Release 4 of LEMIS.

COST ACCOUNT WORK SCOPE DESCRIPTION

Cost Account Manager roles and responsibilities are defined in WHC-CM-2-5, Management Control System.

Provide staff, contracts, and other resources required to develop and submit SEPA Checklists and WAC 173-216 Permit Applications for all interim effluent streams. This includes the gathering of all support information necessary for the submission. Prepare the draft applications and submit for reviews and approvals in accordance with the Interim Compliance schedule. Ensure that all comments are appropriately dispositioned and the final applications are submitted to RL for signature by the milestone dates. Following submission and commenting by Ecology, provide responses to the comments and revise the Permit Applications as appropriate to ensure the issuance of the final permits.

Support the implementation of the Sampling and Analyses Plans for Hanford 33 Streams in accordance with the Interim Compliance Schedule.

- Procure Sample analyses capabilities as required.
- Prepare and issue Sampling Authorization Forms based upon the applicable Sampling and Analyses Plan.
- Track and report status of sample analyses and validations monthly.
- Validate sampling data.
- Preparation and issuance of sampling procedures.
- Procurement of sampling supplies.
- Sample collection, packaging, and shipment.
- Making field measurements of pH, turbidity, etc as necessary to satisfy the Sampling and Analyses Plans.
- Maintenance of field sample collection logs and entry of sampling notes onto LEMIS.
- Support the use of LEMIS for SAF preparation and data validation and reporting including the electronic entry of analytical data onto the LEMIS.

FDS #: 1A2140

November 17, 1993

Prepare and issue Groundwater Impact Assessment Plans and Reports in accordance with the above listed due dates. Issuance to DOE-RL should already include a review and approval by the appropriate RL Program Monitor. Every effort should be made to hold the Assessment Plan briefing prior to its due date, even if it must be held several weeks ahead of its due date in order to schedule all required participants.

Provide Quality Assurance surveillances and support to the sampling and analyses of liquid effluent streams in accordance with approved Sampling and Analyses Plans.

Provide system support to the Liquid Effluent Monitoring Information System (LEMIS). This includes:

- Backup and recovery services for data files.
- Computer maintenance.
- Network support and operating system services.
- Training of new users.
- Data entry and verification.

Develop and issue Release 4 of LEMIS to include the following enhancements:

- Capability to enter laboratory analyses data directly from the Laboratory Information Management System (LIMS).
- Capability to perform automatic data validation.
- Preparation of sample labels.

This account includes routine support and attendance at meetings and briefings held and given by the Program Manager.

In the event of an FDS global re-pricing of CAPs for things such as rate changes, the current authorized budget for this CAA will be automatically adjusted by the amount of the re-pricing.

Change Record	Approvals					
	Title	Authority to Initiate Planning	Date	Title	Work Authorization	Date
	Activity Manager	AJ Diliberto <i>AJ Diliberto</i>	11-18-93	Program Administration	CM Allender <i>Colleen Allender</i>	12-13-93
	Program Manager	AJ Diliberto <i>AJ Diliberto</i>	11-18-93	Program Manager	AJ Diliberto <i>AJ Diliberto</i>	12-13-93
	Program Administration	CM Allender <i>Colleen Allender</i>	11-18-93	Activity Manager	AJ Diliberto <i>AJ Diliberto</i>	12-13-93
				Cost Account Manager	DR Speer <i>DR Speer</i>	12/7/93

WBS #: 1.2.2.1.2.1	ADS #: 2300 0	WESTINGHOUSE HANFORD COMPANY COST ACCOUNT AUTHORIZATION Liquid Effluents Program				Activity Manager:		Date: 12/28/93	
FDS #: 1A2210	Title: 200 Area ETF Operations					BF Weaver		Revision #: 1	
Resp Org Title/Code: 200 Area Liquid Effluent Facilities / 86200		Original Budget (Program: \$000)	Budget Prior Revision	Change This Revision	Current Total Budget	Original Start	Original Complete	Start	Complete
Cost Acct Mgr./Phone: BF Weaver / 372-0968		\$9135K	\$9135K	\$538K	\$9673K	10/01/93	09/30/94		
B&R Code: EW3130020 Funding Source: [XX] Operating Expense [] CENRTC [] Line Item [] GPP [] Small Projects									

CONTROLLED MILESTONES (Type legend: TPA = Tri Party Agreement; CO = Consent Order; HQ = DOE-HQ; RL = DOE-RL; Key = WHC)

Milestone No.	Type	Date	Description
LEP-94-004	KEY	TBD	OJT Complete (Change Request M-17-93-07)
LEP-94-001	TPA	06/30/94	Initiate OTP for the 200 Area ETF (M-17-14D)
1A2210-006	KEY	01/31/94	Complete Administrative Procedures
LEP-94-003	MRL	04/01/94	Submit FSAR for DOE-HQ Review (Transmit to RL on 4/1/94)
1A2210-016	KEY	10/01/93	Initiate Development of Job Control System
1A2210-019	KEY	03/30/94	Establish ETF Readiness Team
	KEY	07/01/94	Begin Staffing and Training in Support of Facility Startup in FY 1995.

COST ACCOUNT WORK SCOPE DESCRIPTION

Cost Account Manager roles and responsibilities are defined in WHC-CM-2-5, Management Control System.

Program Objectives

Project C-018H will begin operational test procedures during this fiscal year in preparation for hot startup in FY95. During FY94 it will be necessary to staff and train the necessary operational personnel to perform the tests and get ready for hot startup. Also necessary to startup will be the preparation of many procedures, safety documentation and engineering tasks to prepare for and run the tests. This cost account will provide the necessary funds to staff, train, procure materials, and develop engineering and safety documentation necessary to start up this plant.

Provide resources necessary to complete Readiness Review process in adequate time to allow startup of the 200 Area Effluent Treatment Facility (ETF). This includes setting of a Readiness Review Board and a Facility Readiness Review Team, generating a Plant Readiness Plan, collecting data to support readiness, and surveillance of the facility during startup testing and operational drills.

Provide staffing, training and equipment needs necessary to provide HPT support to C-018H operation.

Perform permitting activities which include: (a) continue negotiations for an acceptable point-of-compliance for the disposal permit required for compliance with WAC 173-216 which was submitted August 1993; (b) support the Federal Delisting Petition required per 40 CFR 260. The petition is under consideration by EPA and supplemental information requests are anticipated. Test data on actual 242-A Evaporator PC will be supplied to EPA as it becomes available; (c) provide EPA with any supplemental data requested to support delisting petition approval; (d) Continue negotiations as to the point-of-compliance for the State Wastewater Discharge Permit to assure approval prior to startup in FY 1995; (e) continue work on the RCRA Part B Permit Application once Ecology supplies the required Notice of Deficiencies to identify the State comments on the application which was submitted in August 1993; (f) continue work on the approval of the Research, Development and Demonstration Permit application required for compliance with RCRA and WAC 173-303. This permit is required to authorize pilot plant testing with actual hot feed. The permit approval is expected from EPA in the first quarter of FY94; and (g) continue support of the RCRA Part B permit application which is required by the terms of interim status expansion and incorporate comments received from Ecology.

Program Assumptions and Constraints

In order to effectively perform the necessary activities to start up this plant several constraints must be overcome:

- o All permits are approved by the necessary agencies which include WHC, DOE-RL, DOE-HQ, State Department of Ecology, EPA, State Department of Health.
- o Construction is completed and turned over to the WHC on schedule.

- o Timeframe to complete tasks are adequate (many tasks associated with this project involve new procedures and practices that affect timing and scope of prestartup activities.)
- o Facility personnel are available and trained in time to support startup.
- o All testing is completed.

The primary assumption for budgeting purposes is that the facility OTP will begin in FY94 and be complete by June 1995. There are several constraints that could impact that date including several environmental permits as well as completion of construction, readiness reviews and other support documentation.

The approval of regulatory permits is a prime driver in meeting the start-up milestones of the ETF and it is assumed that the time allotted in the project schedules for the permit application approvals is aggressive. These regulations and the resulting compliance agreements are requiring permits never before pursued at Hanford.

The delisting petition was based on the envelope testing demonstrated ETF capability using surrogate feed. The treatment capabilities will be further demonstrated via a testing program using actual 242-A Evaporator feed. The schedule for this testing program is dependent upon 242-A Evaporator restart which has been delayed several times.

It is assumed that soil column discharges will be permitted through the State Waste Discharge Permit Program.

It has been assumed that the effluents stored in the LERF basins and the Evaporator process condensate are listed wastes ("derived from") and will require a federal delisting after treatment and prior to discharge to the soil column.

Deliverables

Provide trained staff to operate the facility, operational test of the ETF, and the necessary materials to start up this plant (in addition to those provided by project C-018H).

Provide staffing and appropriate training of the necessary personnel to provide HPT support to the OTP and subsequent hot startup of the ETF.

Monitor permits through completion.

Follow through on responses to NOD.

In the event of an FDS global re-pricing of CAPs for things such as rate changes, the current authorized budget for this CAA will be automatically adjusted by the amount of the re-pricing.

Rev 1 - C/R LET-94-014 Redistribution of funds from 1A2220 and 1A2230 to accelerate facility manpower ramps.

Change Record	Approvals					
	Title	Authority to Initiate Planning	Date	Title	Work Authorization	Date
LET-94-014	Activity Manager	BF Weaver <i>BF Weaver</i>	1-5-94	Program Administration	BW Wyrick <i>BW Wyrick</i>	11/4/94
	Program Manager	AJ Diliberto		Program Manager	AJ Diliberto <i>AJ Diliberto</i>	12/29/93
	Program Administration	CM Allender <i>Colleen Allender</i>	12/29/93	Activity Manager	BF Weaver <i>BF Weaver</i>	1-5-94
				Cost Account Manager	BF Weaver <i>BF Weaver</i>	1-5-94

WBS #: 1.2.2.1.2.2	ADS #: 2300-0	WESTINGHOUSE HANFORD COMPANY COST ACCOUNT AUTHORIZATION Liquid Effluents Program				Activity Manager:		Date: 12/28/93	
FDS #: 1A2220	Title: 200 Area TEDF Support (W-049H)					BF Weaver		Revision #: 1	
Resp Org Title/Code: 200 Area Liquid Effluent Facilities / 86200		Original Budget (Program \$000)	Budget Prior Revision	Change This Revision	Current Total Budget	Original Start	Original Complete	Start	Complete
Cost Acct Mgr./Phone: BF Weaver / 372-0968		\$1475	\$1475K	\$(394K)	\$1081K	10/01/93	09/30/94		
B&R Code: EW3130020 Funding Source: [XX] Operating Expense [] CENRTC [] Line Item [] GPP [] Small Projects									

CONTROLLED MILESTONES (Type legend: TPA = Tri Party Agreement; CO = Consent Order; HQ = DOE-HQ; RL = DOE-RL; Key = WHC)

Milestone No.	Type	Date	Description
LEP-94-020	KEY	10/18/93	Complete draft Disposal Site Characterization Report and issue to RL
1A2220-002	RL	11/15/93	Address RL comments on draft Site Characterization Report and issue for public release
1A2220-003	KEY	04/06/94	Address Ecology comments on Site Characterization Report and issue Rev 1 for public release
1A2220-001	KEY	12/01/93	Initiate FY 1994 Groundwater Monitoring Sampling/Analysis
LEP-94-027	RL	09/30/94	Complete FY 1994 Groundwater Monitoring Sampling/Analysis
1A2220-011	RL	09/30/94	Issue Rev 2 of Site Characterization Report for public release
LEP-94-017	KEY	12/06/93	Initiate 200 Area TEDF 216 Permit Application Preparation
LEP-94-018	RL	06/09/94	Submit WHC certified 216 Permit Application to RL
LEP-94-024	RL	03/15/94	Submit Operations and Maintenance Manuals to RL
LEP-94-026	KEY	09/30/94	Complete implementation of the Facility Certification Plans
LEP-94-023	RL	03/31/94	Submit draft PM procedures to RL
LEP-94-022	RL	12/03/93	Complete SEPA Checklist (Completed in FY1993)

COST ACCOUNT WORK SCOPE DESCRIPTION

Cost Account Manager roles and responsibilities are defined in WHC-CM-2-5, Management Control System.

Explanation and Assumptions:

- (1) Cost of FY 1994 continuation of groundwater monitoring will equal that for FY 1993 (\$45K, program dollars)
- (2) Addressing RL and Ecology comments, incorporating comment changes needed to issue Rev 1 and interpretation of monitoring data needed to issue Rev 2 will require 1/3 manyear of Geosciences support (\$40K, program dollars)
- (3) Addressing RL and Ecology comments, guiding groundwater monitoring work and numerical modeling refinements, and providing support for 216 Permit Application will require 1/3 manyear of Environmental Engineering support (\$40K, program dollars)
- (4) \$30K in program dollars will be needed in contract support from ACRI to refine numerical simulation results
- (5) \$15K in program dollars will be needed for clerical, drafting, editing and reproduction support for Rev 1 and Rev 2 issuance.

This cost account provides for the preparation of the draft WAC 173-216 permit application. Elements of this permitting process include identification of regulatory requirements, assessment of background data required to complete permit applications, and the preparation of the applications. Additionally interface with regulatory agencies for permit negotiations will be provided. Work with regulators will include meeting attendance and preparation of letters/transmittals to the agencies. Further work scope includes taking the lead responsibility for responding to the agencies comments regarding the permit applications.

FDS #: 1A2220

12/28/93

Also included are the review and revision of documents such as the Operations and Maintenance manuals and the SEPA checklist, submittal of draft Preventive Maintenance procedures to RL, and coordination of the instrumentation/MCS interface and control logic; continuation and completion of groundwater monitoring; and completing and issuing the Site Characterization Report.

Rev 1 - C/R LET-94-014 Redistribution of funds to 1A2210 to accelerate facility manpower rampups for 200 Area ETF

Change Record	Approvals					
	Title	Authority to Initiate Planning	Date	Title	Work Authorization	Date
LET-94-014	Activity Manager	BF Weaver <i>[Signature]</i>	1-5-94	Program Administration	BW Wyrick <i>[Signature]</i>	1-4-94
	Program Manager	AJ Diliberto		Program Manager	AJ Diliberto <i>[Signature]</i>	12-29-93
	Program Administration	CM Allender <i>[Signature]</i>	12-29-93	Activity Manager	BF Weaver <i>[Signature]</i>	1-5-94
				Cost Account Manager	BF Weaver <i>[Signature]</i>	1-5-94

WBS #: 1.2.2.1.2.3	ADS #: 2300-0	WESTINGHOUSE HANFORD COMPANY COST ACCOUNT AUTHORIZATION Liquid Effluents Program				Activity Manager: BF Weaver		Date: 12/28/93	
FDS #: 1A2230	Title: 200 Area BAT/AKART (W-291)					Revision #: 1			
Resp Org Title/Code: 200 Area Liquid Effluent Facilities / 86200		Original Budget (Program \$000)	Budget Prior Revision	Change This Revision	Current Total Budget	Original Start	Original Complete	Start	Complete
Cost Acct Mgr./Phone: BF Weaver / 372-0968		\$255K	\$255K	\$(144K)	\$111K	10/01/93	09/30/94		
B&R Code: EW3130020 Funding Source: [XX] Operating Expense [] CENRTC [] Line Item [] GPP [] Small Projects									

CONTROLLED MILESTONES (Type legend: TPA = Tri Party Agreement; CO = Consent Order; HQ = DOE-HQ; RL = DOE-RL; Key = WHC)

Milestone No.	Type	Date	Description
	TPA	06/30/95	Implement BAT/AKART at the generating facilities which will discharge to the 200 Area Treatment and Disposal Facility
LEP-94-064	KEY	TBD	Complete Definitive Design for W-291
LEP-94-066	KEY	TBD	Start Construction of W-291
	MRL	TBD	Complete Construction/Project Completion

COST ACCOUNT WORK SCOPE DESCRIPTION

Cost Account Manager roles and responsibilities are defined in WHC-CM-2-5, Management Control System.

This cost account provides for preparation of the permitting documentation necessary to support start of construction; identification of regulatory requirements, assessment of background data required to complete permit documentation, and the preparation of the documentation; interface with regulatory agencies for permit negotiations; attendance at meetings with regulators and preparation of letters/transmittals to the agencies; lead responsibility for responding to the agencies comments regarding the permit applications. Additionally, funds will be provided for Liquid Effluent Systems Engineering oversight and coordination of all direct support organization activities as well as Systems Engineering support for design reviews and ongoing construction issues/concerns.

Rev 1 - C/R LET-94-014 Redistribution of funds to 1A2210 to accelerate facility manpower rampups for 200 Area ETF

Change Record	Approvals					
	Title	Authority to Initiate Planning	Date	Title	Work Authorization	Date
LET-94-014						
	Activity Manager	BF Weaver <i>[Signature]</i>	1-5-94	Program Administration	BF Wyrick <i>[Signature]</i>	1-4-94
	Program Manager	AJ Diliberto		Program Manager	AJ Diliberto <i>[Signature]</i>	12-29-93
	Program Administration	CM Allender <i>[Signature]</i>	12-29-93	Activity Manager	BF Weaver <i>[Signature]</i>	1-5-94
				Cost Account Manager	BF Weaver <i>[Signature]</i>	1-5-94

WBS #: 1.2.2.1.2.3	ADS #: 2300-0	WESTINGHOUSE HANFORD COMPANY COST ACCOUNT AUTHORIZATION Liquid Effluents Program				Activity Manager:		Date: 11/17/93	
FDS #: 1A2230	Title: 200 Area BAT/AKART (W-291)					BF Weaver		Revision #:	
Resp Org Title/Code: 200 Area Liquid Effluent Facilities / 86200		Original Budget (Program \$000)	Budget Prior Revision	Change This Revision	Current Total Budget	Original Start	Original Complete	Start	Complete
Cost Acct Mgr./Phone: BF Weaver / 372-0968		\$255K			\$255K	10/01/93	09/30/94		
B&R Code: EW3130020 Funding Source: [XX] Operating Expense [] CENRTC [] Line Item [] GPP [] Small Projects									

CONTROLLED MILESTONES (Type legend: TPA = Tri Party Agreement; CO = Consent Order; HQ = DOE-HQ; RL = DOE-RL; Key = WHC)

Milestone No.	Type	Date	Description
	TPA	06/30/95	Implement BAT/AKART at the generating facilities which will discharge to the 200 Area Treatment and Disposal Facility
LEP-94-064	KEY	TBD	Complete Definitive Design for W-291
LEP-94-066	KEY	TBD	Start Construction of W-291
	MRL	TBD	Complete Construction/Project Completion

COST ACCOUNT WORK SCOPE DESCRIPTION

Cost Account Manager roles and responsibilities are defined in WHC-CM-2-5, Management Control System.

This cost account provides for preparation of the permitting documentation necessary to support start of construction; identification of regulatory requirements, assessment of background data required to complete permit documentation, and the preparation of the documentation; interface with regulatory agencies for permit negotiations; attendance at meetings with regulators and preparation of letters/transmittals to the agencies; lead responsibility for responding to the agencies comments regarding the permit applications. Additionally, funds will be provided for Liquid Effluent Systems Engineering oversight and coordination of all direct support organization activities as well as Systems Engineering support for design reviews and ongoing construction issues/concerns.

Change Record	Approvals					
	Title	Authority to Initiate Planning	Date	Title	Work Authorization	Date
	Activity Manager	BF Weaver <i>[Signature]</i>	12-29-93	Program Administration	BF Wyrick <i>[Signature]</i>	12/29/93
	Program Manager	AJ Diliberto <i>[Signature]</i>	11-18-93	Program Manager	AJ Diliberto <i>[Signature]</i>	1/4/93
	Program Administration	CM Allender <i>[Signature]</i>	11-18-93	Activity Manager	BF Weaver <i>[Signature]</i>	12-29-93
				Cost Account Manager	BF Weaver <i>[Signature]</i>	12-29-93

WBS #: 1.2.2.1.3.1	ADS #: 2300-0	WESTINGHOUSE HANFORD COMPANY COST ACCOUNT AUTHORIZATION Liquid Effluents Program				Activity Manager:		Date: 11/17/93	
FDS #: 1A2310	Title: 300 Area TEDF Operations					JA Eacker		Revision #:	
Resp Org Title/Code: 300 Area Liquid Effluent Facility / 86700		Original Budget (Program \$000)	Budget Prior Revision	Change This Revision	Current Total Budget	Original Start	Original Complete	Start	Complete
Cost Acct Mgr./Phone: JA Eacker / 376-9988		\$5800K			\$5800K	10/01/93	09/30/94		
B&R Code: EW3130020 Funding Source: [XX] Operating Expense [] CENRTC [] Line Item [] GPP [] Small Projects									

CONTROLLED MILESTONES (Type legend: TPA = Tri Party Agreement; CO = Consent Order; HQ = DOE-HQ; RL = DOE-RL; Key = WHC)

Milestone No.	Type	Date	Description
LEP-94-014	KEY	9/30/94	300 Area TEDF Operations Personnel On-Board and Trained for Startup
LEP-94-011	KEY	03/11/94	Issue draft L-045H Operating Procedures
LEP-94-012	KEY	03/04/94	Issue Final Safety Analysis Report for L-045H
LEP-94-013	KEY	01/03/94	Issue Plant Readiness Plan for 300 Area TEDF

COST ACCOUNT WORK SCOPE DESCRIPTION

Cost Account Manager roles and responsibilities are defined in WHC-CM-2-5, Management Control System.

- Provide ongoing operations personnel to assure the following aspects of facility design and construction:
 - AE and Construction Contractor activities are integrated with operational needs
 - Documents prepared by the AE receive appropriate operational review.
 - Operational activities are taken into account in changes to the design during construction.
- Provide ongoing operations personnel to assure the following aspects of L-045H facility testing, start-up, and operations:
 - Provide properly trained and certified personnel to operate L-045H.
 - Provide operations services for operational readiness review, acceptance testing, and operational testing.
 - Implement operational safety and process control requirements.
 - Implement generator certification and waste acceptance requirements to ensure that influent to the facility is properly characterized and controlled.
 - Ensure proper operation of the facility and verify compliance with applicable environmental regulations, with particular emphasis on the NPDES permit limits.
- Provide ongoing Operations support to assure the following:
 - Develop training and certification requirements for treatment facility staff
 - Provide required training for treatment facility operations personnel
- Provide ongoing support as the "central point of contact" for all permitting and regulatory compliance needs for L-045H. Support to assure that:
 - Design and construction activities are compliant with applicable regulatory requirements.
 - Negotiations of outstanding final approvals/permits proceed effectively and in a timely manner. These could include:
 - (1) NPDES Permit
 - (2) Aquatic Land Lease Application
 - (3) Corps of Engineers Permit
 - (4) Benton County Shoreline Permit

- Provide ongoing process engineering support to assure the following aspects of facility design and construction:
 - Adequate implementation of the proposed BAT. This is accomplished through the technical overview of the A/E activities in design and construction of L-045H.
 - Engineering data and other relevant information is reviewed and provided to permitting activities and contracted engineering services.
 - Documents prepared by the AE receive appropriate technical review. Serve as a central point of contact and assist in the resolution of comments.
- Provide ongoing process engineering support for L-045H facility testing, start-up, and operations:
 - Provide cognizant engineering services to L-045H operations and testing as identified in the engineering practices manual. This includes providing necessary shift engineering support associated with start-up and implementation of the process control requirements.
 - Develop, with operations concurrence, necessary operating procedures, operational safety documentation, technical manuals, and process control plan to assure safe facility operations. Provide technical review of safety analysis documentation.
 - Technical lead for operational readiness review, operational testing, and acceptance testing.
 - Technical lead for control of generator certification and compliance, including sampling, walkdowns of facilities, and integration of engineering activities implemented by generating facilities.

In the event of an FDS global re-pricing of CAPs for things such as rate changes, the current authorized budget for this CAA will be automatically adjusted by the amount of the re-pricing.

Change Record	Approvals					
	Title	Authority to Initiate Planning	Date	Title	Work Authorization	Date
	Activity Manager	JA Eacker <i>[Signature]</i>	11/18/93	Program Administration	CM Allender <i>Colleen Allender</i>	12/01/93
	Program Manager <i>for</i>	AJ Diliberto <i>[Signature]</i>	11-18-93	Program Manager	AJ Diliberto <i>[Signature]</i>	12/13/93
	Program Administration	CM Allender <i>Colleen Allender</i>	11-18-93	Activity Manager	JA Eacker	
				Cost Account Manager	JA Eacker	

WBS #: 1.2.2.1.4.1	ADS #: 2300-0	WESTINGHOUSE HANFORD COMPANY COST ACCOUNT AUTHORIZATION Liquid Effluents Program				Activity Manager:		Date: 01/11/94	
FDS #: 1A2410	Title: Phase II Streams (Project W-252)					JD Williams		Revision #:	
Resp Org Title/Code: Liquid Effluent Systems Engineering / 86300		Original Budget (Program \$000)	Budget Prior Revision	Change This Revision	Current Total Budget	Original Start	Original Complete	Start	Complete
Cost Acct Mgr./Phone: DW Lindsey / 372-3087		\$1300K			\$1300K	10/01/93	09/30/94		
B&R Code: EW3130020 Funding Source: [XX] Operating Expense [] CENRTC [] Line Item [] GPP [] Small Projects									

CONTROLLED MILESTONES (Type legend: TPA = Tri Party Agreement; CO = Consent Order; HQ = DOE-HQ; RL = DOE-RL; Key = WHC)

Milestone No.	Type	Date	Description
LEP-94-047	Other	08/09/94	Initiate Revision of the 200 Area TEF Interface Control Document to Include the Phase II Streams
	Other	09/30/94	Complete FY 1994 effort for Interface Control Document draft revision
LEP-94-046	KEY	03/31/94	Complete Safety Documentation Program Plan
LEP-94-045	Other	01/02/94	Initiate Advanced Conceptual Design
LEP-94-032	KEY	12/01/93	Initiate Preparation of ADP Plan
	Key	11/19/93	Complete SEPA Checklist

COST ACCOUNT WORK SCOPE DESCRIPTION

Cost Account Manager roles and responsibilities are defined in WHC-CM-2-5, Management Control System.

The Liquid Effluent Systems Engineering organization will be responsible for completing the revision of the draft Interface Control document, initiating preparation of the Advanced Conceptual Design, coordination of Systems Engineering activities, and completing the Safety Documentation Program Plan.

Activities included as part of this cost account are as follows:

- o Preparation of the Advanced Conceptual Design for Project W-252
- o Preparation of a Safety Documentation Program Plan
- o Initiation of Procurement and ADP Plans
- o Submit request for project authorization and prepare to initiate definitive design

Change Record	Approvals					
	Title	Authority to Initiate Planning	Date	Title	Work Authorization	Date
	Activity Manager	JD Williams		Program Administration	CM Allender	
	Program Manager	AJ Diliberto		Program Manager	AJ Diliberto	
	Program Administration	CM Allender		Activity Manager	JD Williams	
				Cost Account Manager	JD Williams	

WBS #: 1.2.2.1.4.2	ADS #: 2300-0	WESTINGHOUSE HANFORD COMPANY COST ACCOUNT AUTHORIZATION Liquid Effluents Program				Activity Manager:		Date: 01/11/94	
FDS #: 1A2420	Title: 200 ETF System Engineering Support					JD Williams		Revision #:	
Resp Org Title/Code: Effluent Systems Engineering / 86300		Original Budget (Program \$000)	Budget Prior Revision	Change This Revision	Current Total Budget	Original Start	Original Complete	Start	Complete
Cost Acct Mgr./Phone: DW Lindsey / 372-3087		\$1200K			\$1200K	10/01/93	09/30/94		
B&R Code: EW3130020 Funding Source: [XX] Operating Expense [] CENRTC [] Line Item [] GPP [] Small Projects									

CONTROLLED MILESTONES (Type legend: TPA = Tri Party Agreement; CO = Consent Order; HQ = DOE-HQ; RL = DOE-RL; Key = WHC)

Milestone No.	Type	Date	Description
LEP-94-021	MRL	9/30/94	Complete Annual Evaluation of Tritium Treatment Technology (Currently under negotiations)
	KEY	01/04/94	Complete LERF Basin Alternative Study
	KEY	06/30/94	Complete Procurement of Trailer for Temporary Office Space

COST ACCOUNT WORK SCOPE DESCRIPTION

Cost Account Manager roles and responsibilities are defined in WHC-CM-2-5, Management Control System.

This cost account provides long range engineering support and studies for the 200 Area Liquid Effluent Treatment Facilities. The support includes evaluating alternative or additional treatment options, optimizing facility operations and developing alternative configuration schemes to enhance facility flexibility for treating waste waters. In addition, technical review will be performed to evaluate the applicability of emerging technologies for the removal of tritium from the liquid effluent. Further, the cost account supports the development of water treatment expertise allowing in-depth analysis of alternative uses for the 200 Area Liquid Effluent Treatment Facilities to address liquid effluent problems at the Hanford Site.

Additionally, funds are provided for procurement of communications equipment and services to complete the ETF communications system and for procurement of temporary office facilities to support operations.

In the event of an FDS global re-pricing of CAPs for things such as rate changes, the current authorized budget for this CAA will be automatically adjusted by the amount of the re-pricing.

Change Record	Approvals					
	Title	Authority to Initiate Planning	Date	Title	Work Authorization	Date
	Activity Manager	JD Williams		Program Administration	CM Allender	
	Program Manager	AJ Diliberto		Program Manager	AJ Diliberto	
	Program Administration	CM Allender		Activity Manager	JD Williams	
				Cost Account Manager	JD Williams	

WBS #: 1.2.2.1.4.4	ADS #: 2300-0	WESTINGHOUSE HANFORD COMPANY COST ACCOUNT AUTHORIZATION Liquid Effluents Program				Activity Manager:		Date: 01/11/94	
FDS #: 1A2440	Title: Miscellaneous Streams					JD Williams		Revision #:	
Resp Org Title/Code: Effluent Systems Engineering / 86300		Original Budget (Program \$000)	Budget Prior Revision	Change This Revision	Current Total Budget	Original Start	Original Complete	Start	Complete
Cost Acct Mgr./Phone: DW Lindsey / 372-3087		\$2000K			\$2000K	10/01/93	09/30/94		
B&R Code: EW3130020 Funding Source: [XX] Operating Expense [] CENRTC [] Line Item [] GPP [] Small Projects									

CONTROLLED MILESTONES (Type legend: TPA = Tri Party Agreement; CO = Consent Order; HQ = DOE-HQ; RL = DOE-RL; Key = WHC)

Milestone No.	Type	Date	Description
LEP-94-033	KEY	11/11/93	Sample up to 11 Effluent streams as defined in Table 4 of DE-91NM-177.
	CO	12/29/93	Submit Final Plan and Schedule for disposition and regulatory compliance of all Miscellaneous Streams to RL for approval.
	KEY	12/29/93	Complete the Final Inventory of Miscellaneous Streams and issue to RL for review and approval.
LEP-94-034 to 39; 41 to 44	Other	01/23/94	Issue Functional Design Criteria for up to two Capital Projects.
	KEY	02/18/94	Analyze samples and validate results for 11 streams defined in Table 4 of DE-91NM-177.
	CO	05/31/94	Submit 10 WAC 173-216 Permit Applications per Table 4 of DE-91NM-177 to RL for approval as required.
	KEY	06/30/94	Prepare Short Form Data Sheets for up to two projects.
LEP-94-040	MRL	08/30/94	Submit a WAC 173-216 Permit Application for the discharge to 216-Z-21 to RL for approval as required.
	Other	09/30/94	Complete WAC 173-218 Registration Applications for all Injection Wells.
	KEY	09/30/94	Prepare Conceptual Design Plan for up to two projects and submit to RL.
	CO	08/30/94	Submit 234-52 Ventilation State Waste Discharge Permit to RL for Approval

COST ACCOUNT WORK SCOPE DESCRIPTION

Cost Account Manager roles and responsibilities are defined in WHC-CM-2-5, Management Control System.

Establish an inventory of all Miscellaneous Streams including basic information on location, flow rates, and potential for contamination exceeding Washington State Groundwater Standards. Publish that inventory in a form suitable for issuance to the State Department of Ecology. The inventory should include location maps which show the streams and any pertinent surrounding structures, wastesites, or contamination plumes.

Complete the Plan and Schedule for the disposition and regulatory compliance for all Miscellaneous Streams and provide all necessary support to implementing it in accordance with the the established due dates.

Provide staff, contracts, and other resources required to develop and submit Permit Applications as required by Consent Order DE-91NM-177, Table 4. This includes the gathering of all support information necessary for their submission including gathering new stream characterization data as needed. Prepare the draft applications and submit for reviews and approvals in accordance with the Miscellaneous Streams schedule. Ensure that all comments are appropriately dispositioned and the final applications are submitted to RL for signature by their required due dates.

Prepare and issue Functional Design Criteria for the treatment and/or disposal of Miscellaneous Liquid Effluent Streams.

Provide general Safety, Health, Industrial Hygiene, and Quality Assurance support to the Miscellaneous Streams Program including their advice and input into the definition of one or more capital projects for the treatment, transport, and/or disposal of miscellaneous liquid effluent streams. Provide for reviews by these support groups of documentation prepared to define these potential projects.

FDS #: 1A2440

01/11/94

Provide analytical and data validation services for samples collected from up to 11 streams defined in Table 4 of Consent Order DE-91NM-177. One or more of these streams may not be sampled based upon a preliminary evaluation of data needs being prepared for issuance September 30, 1993.

Participate in routine Program Management Team meetings.

In the event of an FDS global re-pricing of CAPs for things such as rate changes, the current authorized budget for this CAA will be automatically adjusted by the amount of the re-pricing.

Change Record	Approvals					
	Title	Authority to Initiate Planning	Date	Title	Work Authorization	Date
	Activity Manager	JD Williams		Program Administration	CM Allender	
	Program Manager	AJ Diliberto		Program Manager	AJ Diliberto	
	Program Administration	CM Allender		Activity Manager	JD Williams	
				Cost Account Manager	JD Williams	

WBS #: 1.2.2.1.4.5	ADS #: 2300-0	WESTINGHOUSE HANFORD COMPANY COST ACCOUNT AUTHORIZATION Liquid Effluents Program				Activity Manager:		Date: 01/11/94	
FDS #: 1A2450	Title: Treatability Laboratory					JD Williams		Revision #:	
Resp Org Title/Code: Chemical Engineering / 12130		Original Budget (Program \$000)	Budget Prior Revision	Change This Revision	Current Total Budget	Original Start	Original Complete	Start	Complete
Cost Acct Mgr./Phone: MJ Schliebe / 373-4454		\$1295K			\$1295K	10/01/93	09/30/94		
B&R Code: EW3130020 Funding Source: [XX] Operating Expense [] CENRTC [] Line Item [] GPP [] Small Projects									

CONTROLLED MILESTONES (Type legend: TPA = Tri Party Agreement; CO = Consent Order; HQ = DOE-HQ; RL = DOE-RL; Key = WHC)

Milestone No.	Type	Date	Description
LEP-94-010	KEY	04/01/94	Filtration equipment installed at LERF
LEP-94-009	KEY	01/28/94	Unit operations equipment transferred to 1706 KEL Pilot Plant
LEP-94-008	KEY	04/15/94	Pilot Plant Readiness Group declares readiness

COST ACCOUNT WORK SCOPE DESCRIPTION

Cost Account Manager roles and responsibilities are defined in WHC-CM-2-5, Management Control System.

Program Objectives

A pilot plant is being built to conduct verification and optimization testing of unit processes to be used in the full scale C-018H Liquid Effluent Treatment Facility (ETF). The pilot plant will conduct tests using actual waste stored in the Liquid Effluent Retention Facility (LERF). Testing activities will occur at both the primary pilot plant facility in Building 1706KEL and at the LERF. This cost account provides the necessary funds to manage the pilot plant project, prepare pilot plant facilities for testing, conduct a readiness review, and conduct tests using actual waste from the LERF.

Program Assumptions and Constraints

- Constraints to timely execution which are outside the purview of this cost account include:
- Construction of Load/Unload Stations at 1706KE and the LERF is completed on schedule which is assumed to be March 1994.
 - A Research, Development, & Demonstration Permit for testing with actual waste feed is approved and issued by EPA which is assumed to occur 10/93.
 - The 242-A Evaporator is restarted prior to the time pilot plant testing is to start. Testing at LERF requires Evaporator restart by 3/15/94.
 - Sufficient quantities of 242-A Evaporator process condensate is available from the LERF for testing purposes.

Deliverables

- Provide an operational pilot plant facility for actual waste testing.
- Provide actual waste testing support for the ETF

In the event of an FDS global re-pricing of CAPs for things such as rate changes, the current authorized budget for this CAA will be automatically adjusted by the amount of the re-pricing.

Change Record	Approvals					
	Title	Authority to Initiate Planning	Date	Title	Work Authorization	Date
	Activity Manager	JD Williams		Program Administration	CM Allender	
	Program Manager	AJ Diliberto		Program Manager	AJ Diliberto	
	Program Administration	CM Allender		Activity Manager	JD Williams	
				Cost Account Manager	MJ Schliebe	

WBS #: 1.2.2.1.	ADS #: 2300-0	WESTINGHOUSE HANFORD COMPANY COST ACCOUNT AUTHORIZATION Liquid Effluents Program				Activity Manager: J. E. Thrasher		Date: 01/07/94	
FDS #: 7A2T80	Title: LERF Construction							Revision #:	
Resp Org Title/Code: 86100 / Liquid Effluent Program Management		Original Budget (Program \$000)	Budget Prior Revision	Change This Revision	Current Total Budget	Original Start	Original Complete	Start	Complete
Cost Acct Mgr./Phone: A. J. DiLiberto / 372-3323		\$180K			\$180K	10/01/93	09/30/94		
B&R Code: EW3130020 Funding Source: [XX] Operating Expense [] CENRTC [] Line Item [] GPP [] Small Projects									

CONTROLLED MILESTONES (Type legend: TPA = Tri Party Agreement; CO = Consent Order; HQ = DOE-HQ; RL = DOE-RL; Key = WHC)

Milestone No.	Type	Date	Description
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COST ACCOUNT WORK SCOPE DESCRIPTION

Cost Account Manager roles and responsibilities are defined in WHC-CM-2-5, Management Control System.

Work scope in FY 1994 for completion of construction of the Liquid Effluent Retention Facility (LERF) consists of completion of the OAC exception work, as-building and document turnover. In addition, funds are provided to cover any costs incurred during Basin 44 Liner repair that are not covered under the warranty.

Rev 0 - C/R LET-94-017 - Provide funding for this cost account from underruns experienced in 1A2130, LERF Operations

Change Record	Approvals					
	Title	Authority to Initiate Planning	Date	Title	Work Authorization	Date
LET-94-017	Activity Manager	J. E. Thrasher <i>J. E. Thrasher</i>	11/10/94	Program Administration	C. M. Allender <i>Colleen Allender</i>	1-10-94
	Program Manager	A. J. DiLiberto <i>A. J. DiLiberto</i>		Program Manager	A. J. DiLiberto <i>A. J. DiLiberto</i>	11/10/94
	Program Administration	C. M. Allender <i>Colleen Allender</i>	1-10-94	Activity Manager	J. E. Thrasher <i>J. E. Thrasher</i>	11/10/94
				Cost Account Manager	A. J. DiLiberto <i>A. J. DiLiberto</i>	

Milestone Description Sheet	Westinghouse Hanford Company LIQUID EFFLUENTS	FY 1994 FYWP
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Westinghouse Hanford Company Milestone Description Sheet		
Title: M-17-14D Initiate OTP with LERF recycle		Date: June 30, 1994
Assigned To: B.F Weaver		CIN:
Program WBS Designator: 1A2210		Completion Date:
Number: LEP-94-001		Revision: 0
Milestone Class: ☒ TPA ☐ DOE-HQ ☐ DOE-RL ☐ WHC Key 216 Consent Order	Deliverable: ☐ Report ☒ Letter ☐ Drawings ☐ Other (Specify)	Address To: ☐ DOE-HQ ☒ DOE-RL ☐ Other (Specify)
Description and what constitutes completion of this commitment:		
Initiate Operational Test Procedures for the '242-A Evaporator/PUREX Plant Condensate Treatment Facility' (Project C-018H) using simulants and/or actual LERF-stored wastes, with recycle to the LERF basins. This milestone will be considered complete when Process Engineering joins the Design/Construction contractor in the combined process performance test.		
Cost Account Manager: B.F. Weaver	Date:	Program/Project Mgr: A.J. DiLiberto <i>A.J. DiLiberto</i> Date: 11/22/93
Activity Manager: B.F. Weaver	Date:	DOE Monitor: <i>D.C. Bryson</i> Date: 12/7/93

Milestone Description Sheet	Westinghouse Hanford Company LIQUID EFFLUENTS	FY 1994 FYWP
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Westinghouse Hanford Company Milestone Description Sheet		
Title: Readiness Review Team Declares Readiness (200 Area ETF)		Date: TBD (per change request M-17-93-07)
Assigned To: B.F. Weaver		CIN:
Program WBS Designator: 1A2210		Completion Date:
Number: LEP-94-002		Revision: 0
Milestone Class: ☐ TPA ☐ DOE-HQ ☐ DOE-RL ☒ WHC Key	Deliverable: ☐ Report ☒ Letter ☐ Drawings ☐ Other (Specify)	Address To: ☐ DOE-HQ ☐ DOE-RL ☒ Other (Specify) (Readiness Review Board)
Description and what constitutes completion of this commitment: Readiness Review Team declares readiness to Readiness Review Board stating that the Effluent Treatment Facility is now ready to start hot operations. (MRP 5.50 will govern this readiness review.) This milestone will be considered complete with a letter sent from the Readiness Review Team to the Readiness Review Board declaring facility readiness.		
Cost Account Manager: B.F. Weaver	Date:	Program/Project Mgr: A.J. DiLiberto <i>AJ DiLiberto</i>
Activity Manager: B.F. Weaver	Date:	DOE Monitor: <i>D Bryson</i> D.C. Bryson
		Date: <i>11/22/93</i> Date: <i>12/7/93</i>

Milestone Description Sheet	Westinghouse Hanford Company LIQUID EFFLUENTS	FY 1994 FYWP
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Westinghouse Hanford Company Milestone Description Sheet		
Title: Submit FSAR (200 Area ETF) to DOE- HQ RL		Date: April 1, 1994
Assigned To: B.F. Weaver		CIN:
Program WBS Designator: 1A2210		Completion Date:
Number: LEP-94-003		Revision: 0
Milestone Class:	Deliverable:	Address To:
☐ TPA ☐ DOE-HQ ☒ DOE-RL ☐ WHC Key	☒ Report ☐ Letter ☐ Drawings ☐ Other (Specify)	☒ DOE-HQ ☐ DOE-RL ☐ Other (Specify)
Description and what constitutes completion of this commitment:		
Submit the FSAR (Facility Safety Assessment Report) to DOE-HQ for review and approval per DOE order 5480.23. Milestones will be considered complete upon submittal of the report to DOE-RL.		
Cost Account Manager:	Date:	Program/Project Mgr. Date:
B.F. Weaver		A.J. DiLiberto <i>AJ DiLiberto</i> 11/22/93
Activity Manager:	Date:	DOE Monitor: Date:
B.F. Weaver		D.C. Bryson <i>D Bryson</i> 12/7/93

Milestone Description Sheet	Westinghouse Hanford Company LIQUID EFFLUENTS	FY 1994 FYWP
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Westinghouse Hanford Company Milestone Description Sheet		
Title: Complete On Job Training (200 Area ETF Personnel)		Date: TBD (per change request M-17-93-07)
Assigned To: R.D. Warriner		CIN:
Program WBS Designator: 1A2210		Completion Date:
Number: LEP-94-004		Revision: 0
Milestone Class: ☐ TPA ☐ DOE-HQ ☐ DOE-RL ☒ WHC Key	Deliverable: ☐ Report ☒ Letter ☐ Drawings ☐ Other (Specify)	Address To: ☐ DOE-HQ ☐ DOE-RL ☐ Other (Specify)
Description and what constitutes completion of this commitment: Complete On Job Training to support start-up of the Effluent Treatment Facility. The following DOE orders will govern this training - 5480.20 , 5480.19, 5700.6C, and 4330.4A. Completion of this milestone shall consist of a letter documenting the personnel that are on board, training/certification status for the personnel, and a certification that operational testing and eventual "hot start-up" can be supported with this level of manning and training.		
Cost Account Manager: B.F. Weaver	Date:	Program/Project Mgr: A.J. DiLiberto <i>A.J. DiLiberto</i>
Activity Manager: B.F. Weaver	Date:	DOE Monitor: D.C. Bryson <i>D.C. Bryson</i>
		Date: <i>11/22/94</i> <i>12/7/93</i>

Milestone Description Sheet	Westinghouse Hanford Company LIQUID EFFLUENTS	FY 1994 FYWP
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Westinghouse Hanford Company Milestone Description Sheet		
Title: ETF Facility Turnover		Date: June 30, 1994
Assigned To: Jack Noble		CIN:
Program WBS Designator: 1A2110		Completion Date:
Number: LEP-94-005		Revision: 0
Milestone Class: ☐ TPA ☐ DOE-HQ ☐ DOE-RL ☒ WHC Key	Deliverable: ☐ Report ☒ Letter ☐ Drawings ☐ Other (Specify)	Address To: ☐ DOE-HQ ☐ DOE-RL ☒ Other (Specify) (Program Office)
Description and what constitutes completion of this commitment: Complete construction of the Process Facility (Effluent Treatment Facility, Project C-018H). This milestone will be considered complete at the finish of ATP's. A letter will be generated by WHC Projects to WHC Programs informing them of the completion of this milestone.		
Cost Account Manager: A.J. DiLiberto	Date:	Program/Project Mgr: A.J. DiLiberto <i>A.J. DiLiberto</i>
Activity Manager: A.J. DiLiberto	Date:	DOE Monitor: D.C. Bryson <i>D.C. Bryson</i>
		Date: <i>11/22/93</i> <i>12/7/93</i>

Milestone Description Sheet	Westinghouse Hanford Company LIQUID EFFLUENTS	FY 1994 FYWP
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Westinghouse Hanford Company Milestone Description Sheet		
Title: Disposal System (200 Area ETF) Construction Complete		Date: TBD (per change request M-17-93-07)
Assigned To: Jack Noble		CIN:
Program WBS Designator: 1A2110		Completion Date:
Number: LEP-94-006		Revision: 0
Milestone Class: ☐ TPA ☐ DOE-HQ ☐ DOE-RL ☒ WHC Key	Deliverable: ☐ Report ☒ Letter ☐ Drawings ☐ Other (Specify)	Address To: ☐ DOE-HQ ☐ DOE-RL ☒ Other (Specify) (Program Office)
Description and what constitutes completion of this commitment:		
<p>Complete construction of the Disposal System (Effluent Treatment Facility, Project C-018H). This milestone will be considered complete at the finish of ATP's. A letter will be generated by WHC Projects to WHC Programs informing them of the completion of this milestone.</p>		
Cost Account Manager: A.J. DiLiberto	Date:	Program/Project Mgr: A.J. DiLiberto <i>AJ DiLiberto</i> Date: 11/22/93
Activity Manager: A.J. DiLiberto	Date:	DOE Monitor: <i>D Bryson</i> Date: 12/7/93

Milestone Description Sheet	Westinghouse Hanford Company LIQUID EFFLUENTS	FY 1994 FYWP
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Westinghouse Hanford Company Milestone Description Sheet		
Title: Collection System (LERF Tie-in) Construction Complete		Date: TBD (TWRS stand-down)
Assigned To: Jack Noble		CIN:
Program WBS Designator: 1A2110		Completion Date:
Number: LEP-94-007		Revision: 0
Milestone Class: ☐ TPA ☐ DOE-HQ ☐ DOE-RL ☒ WHC Key	Deliverable: ☐ Report ☒ Letter ☐ Drawings ☐ Other (Specify)	Address To: ☐ DOE-HQ ☐ DOE-RL ☒ Other (Specify) (Program Office)
Description and what constitutes completion of this commitment:		
<p>Complete construction of the Collection System (LERF tie-in) (Effluent Treatment Facility, Project C-018H). This milestone will be considered complete at the finish of ATP's. A letter will be generated by WHC Projects to WHC Programs informing them of the completion of this milestone.</p>		
Cost Account Manager: A.J. DiLiberto	Date:	Program/Project Mgr: A.J. DiLiberto <i>A.J. DiLiberto</i>
Activity Manager: A.J. DiLiberto	Date:	DOE Monitor: <i>D.C. Bryson</i> D.C. Bryson <i>D.C. Bryson</i>

Milestone Description Sheet	Westinghouse Hanford Company LIQUID EFFLUENTS	FY 1994 FYWP
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Westinghouse Hanford Company Milestone Description Sheet		
Title: Pilot Plant Readiness Group Declares Readiness		Date: April 15, 1994
Assigned To: Blair Emory		CIN:
Program WBS Designator: 1A2450		Completion Date:
Number: LEP-94-008		Revision: 0
Milestone Class: ☐ TPA ☐ DOE-HQ ☐ DOE-RL ☒ WHC Key	Deliverable: ☐ Report ☒ Letter ☐ Drawings ☐ Other (Specify)	Address To: ☐ DOE-HQ ☐ DOE-RL ☒ Other (Specify) (Radiness Review Board)
Description and what constitutes completion of this commitment:		
<p>Pilot Plant Readiness Group declares readiness to Readiness Review Board stating that the 1706-KEL Pilot Plant is now ready to start hot operations. This milestone will be considered complete with a letter sent from the Readiness Review Group to the Readiness Review Board declaring facility readiness.</p> <p>(This milestones is dependent on Loadin/out completion.)</p>		
Cost Account Manager: M.J. Schliebe	Date:	Program/Project Mgr: A.J. DiLiberto <i>A.J. DiLiberto</i> Date: 11/22/93
Activity Manager: D.W. Lindsey	Date:	DOE Monitor: <i>D. Bryson</i> Date: 12/7/93

Milestone Description Sheet	Westinghouse Hanford Company LIQUID EFFLUENTS	FY 1994 FYWP
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Westinghouse Hanford Company Milestone Description Sheet		
Title: Unit Operations Equipment Transferred to 1706 KEL Pilot Plant		Date: January 28, 1994
Assigned To: M.J. Schliebe		CIN:
Program WBS Designator: 1A2450		Completion Date:
Number: LEP-94-009		Revision: 0
Milestone Class:	Deliverable:	Address To:
☐ TPA ☐ DOE-HQ ☐ DOE-RL ☒ WHC Key	☐ Report ☒ Letter ☐ Drawings ☐ Other (Specify)	☐ DOE-HQ ☐ DOE-RL ☒ Other (Specify) (Program Office)
Description and what constitutes completion of this commitment:		
Install Unit Operations Equipment from 222-S Lab to 1706 KEL Pilot Plant. This milestone will be considered complete when the Program Office receives a letter from Treatability Testing declaring equipment installed.		
Cost Account Manager:	Date:	Program/Project Mgr:
M.J. Schliebe		A.J. DiLiberto <i>A.J. DiLiberto</i> 11/22/94
Activity Manager:	Date:	DOE Monitor:
D.W. Lindsey		D.C. Bryson <i>D.C. Bryson</i> 12/17/93

Milestone Description Sheet	Westinghouse Hanford Company LIQUID EFFLUENTS	FY 1994 FYWP
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Westinghouse Hanford Company Milestone Description Sheet		
Title: Filtration Equipment Installed at LERF		Date: April 1, 1994
Assigned To: M. Schliebe		CIN:
Program WBS Designator: 1A2450		Completion Date:
Number: LEP-94-010		Revision: 0
Milestone Class: ☐ TPA ☐ DOE-HQ ☐ DOE-RL ☒ WHC Key	Deliverable: ☐ Report ☒ Letter ☐ Drawings ☐ Other (Specify)	Address To: ☐ DOE-HQ ☐ DOE-RL ☒ Other (Specify) (Program Office)
Description and what constitutes completion of this commitment:		
<p>Filtration equipment to be installed at LERF. This milestone will be considered complete when the pump and PH adjustment unit is installed at LERF and declared ready to perform filtration testing.</p>		
Cost Account Manager: M.J. Schliebe	Date:	Program/Project Mgr: A.J. DiLiberto <i>AJ DiLiberto</i> 11/22/94
Activity Manager: D.W. Lindsey	Date:	DOE Monitor: <i>D Bryson</i> 12/7/93 D.C. Bryson

Milestone Description Sheet	Westinghouse Hanford Company LIQUID EFFLUENTS	FY 1994 FYWP
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Westinghouse Hanford Company Milestone Description Sheet		
Title: 300 Area TEDF Operating Procedures		Date: March 11, 1994
Assigned To: J.A. Eacker		CIN:
Program WBS Designator: 1A2310		Completion Date:
Number: LEP-94-011		Revision: 0
Milestone Class: ☐ TPA ☐ DOE-HQ ☐ DOE-RL ☒ WHC Key	Deliverable: ☐ Report ☒ Letter ☐ Drawings ☐ Other (Specify)	Address To: ☐ DOE-HQ ☐ DOE-RL ☒ Other (Specify) Program Office
Description and what constitutes completion of this commitment: Issue draft operating procedures for the 300 Area TEDF (Project L-045H) to support training requirements and operational readiness. Completion shall include procedures that have been contracted to the Architect Engineer for the facility, as well as those being prepared by WHC. A letter documenting the issuance of the draft procedures with a listing shall constitute adequate reporting for this effort.		
Cost Account Manager: J.A. Eacker	Date:	Program/Project Mgr: A.J. DiLiberto
Activity Manager: J. A. Eacker	Date:	DOE Monitor: D.C. Bryson
		Date: 11/22/93 Date: 12/7/93

Milestone Description Sheet	Westinghouse Hanford Company LIQUID EFFLUENTS	FY 1994 FYWP
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Westinghouse Hanford Company Milestone Description Sheet		
Title: 300 Area TEDF Final Safety Analysis Report (FSAR)		Date: March 4, 1994
Assigned To: R. B. Bendixsen		CIN:
Program WBS Designator: 1A2310		Completion Date:
Number: LEP-94-012		Revision: 0
Milestone Class: ☐ TPA ☐ DOE-HQ ☐ DOE-RL ☒ WHC Key	Deliverable: ☒ Report ☐ Letter ☐ Drawings ☐ Other (Specify)	Address To: ☐ DOE-HQ ☐ DOE-RL ☒ Other (Specify) Program Office
Description and what constitutes completion of this commitment:		
Issue the Final Safety Analysis Report (as a supporting document) for the 300 Area TEDF in accordance with the DOE and WHC requirements for FSARs.		
Cost Account Manager: J.A. Eacker	Date:	Program/Project Mgr: A.J. DiLiberto <i>AJ DiLiberto</i> Date: 11/22/93
Activity Manager: J. A. Eacker	Date:	DOE Monitor: <i>AB</i> D.C. Bryson <i>DC Bryson</i> Date: 12/7/93

Milestone Description Sheet	Westinghouse Hanford Company LIQUID EFFLUENTS	FY 1994 FYWP
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Westinghouse Hanford Company Milestone Description Sheet		
Title: 300 Area TEDF Plant Readiness Plan		Date: January 3, 1994
Assigned To: J.A. Eacker		CIN:
Program WBS Designator: 1A2310		Completion Date:
Number: LEP-94-013		Revision: 0
Milestone Class: ☐ TPA ☐ DOE-HQ ☐ DOE-RL ☒ WHC Key	Deliverable: ☒ Report ☐ Letter ☐ Drawings ☐ Other (Specify)	Address To: ☐ DOE-HQ ☐ DOE-RL ☒ Other (Specify)
Description and what constitutes completion of this commitment: Issue the Plant Readiness Plan for the 300 Area TEDF to comply with the requirements for a Type 5 Readiness Review. Completion shall consist of issuance of the document as an SP.		
Cost Account Manager: J. A. Eacker	Date:	Program/Project Mgr: A.J. DiLiberto <i>A.J. DiLiberto</i>
Activity Manager: J. A. Eacker	Date:	DOE Monitor: <i>D.C. Bryson</i> D.C. Bryson <i>D.C. Bryson</i>
		Date: <i>11/22/93</i> Date: <i>12/7/93</i>

Milestone Description Sheet	Westinghouse Hanford Company LIQUID EFFLUENTS	FY 1994 FYWP
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Westinghouse Hanford Company Milestone Description Sheet		
Title: 300 Area TEDF Operations Personnel		Date: September 30, 1994
Assigned To: J.A. Eacker		CIN:
Program WBS Designator: 1A2310		Completion Date:
Number: LEP-94-014		Revision: 0
Milestone Class: ☐ TPA ☐ DOE-HQ ☐ DOE-RL ☒ WHC Key	Deliverable: ☐ Report ☒ Letter ☐ Drawings ☐ Other (Specify)	Address To: ☐ DOE-HQ ☐ DOE-RL ☒ Other (Specify)
Description and what constitutes completion of this commitment: Acquire and train operations personnel to support operational testing and eventual "hot start-up" in December 1994. Completion of the milestone shall consist of a letter documenting the personnel that are on board, training/certification status for the personnel, and a certification that operational testing and eventual "hot start-up" can be supported with this level of manning and training.		
Cost Account Manager: J.A. Eacker	Date:	Program/Project Mgr: A.J. DiLiberto <i>AJ DiLiberto</i>
Activity Manager: J. A. Eacker	Date:	DOE Monitor: <i>AS</i> D.C. Bryson <i>D Bryson</i>
		Date: 11/22/93 Date: 12/7/93

Milestone Description Sheet	Westinghouse Hanford Company LIQUID EFFLUENTS	FY 1994 FYWP
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Westinghouse Hanford Company Milestone Description Sheet		
Title: 200 Area TEDF WAC 173-216 Permit Application		Date: August 30, 1994 (WHC to RL) September 30, 1994 (RL to Ecology)
Assigned To:		CIN:
Program WBS Designator: 1A2220		Completion Date:
Number: LEP-94-020 019		Revision:
Milestone Class: ☒ TPA ☐ DOE-HQ ☐ DOE-RL ☒ WHC Key	Deliverable: ☐ Report ☐ Letter ☐ Drawings ☐ Other (Specify)	Address To: ☐ DOE-HQ ☐ DOE-RL ☐ Other (Specify)
Description and what constitutes completion of this commitment:		
<p>Prepare and submit the 200 Area TEDF WAC 173-216 Permit application. It is expected that work begin on this task by December 6, 1993. WHC approved application is due to RL August 30, 1994. Completed application submission from RL to Ecology due September 30, 1994.</p>		
Cost Account Manager: B.F. Weaver	Date:	Program/Project Mgr: A.J. DiLiberto <i>[Signature]</i>
Activity Manager: B.F. Weaver	Date:	DOE Monitor: D.C Bryson <i>[Signature]</i>
		Date: 12-5-93 Date: 12/7/93

Milestone Description Sheet	Westinghouse Hanford Company LIQUID EFFLUENTS	FY 1994 FYWP
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Westinghouse Hanford Company Milestone Description Sheet			
Title: Complete 200 Area TEDF Disposal Site Characterization Report		Date: November 15, 1993 OCTOBER 31, 1993	
Assigned To: J.D. Davis		CIN:	
Program WBS Designator: 1A2220		Completion Date: 10-18-93	
Number: LEP-94-020		Revision:	
Milestone Class: ☐ TPA ☐ DOE-HQ ☒ DOE-RL ☐ WHC Key	Deliverable: ☒ Report ☐ Letter ☐ Drawings ☐ Other (Specify)	Address To: ☐ DOE-HQ ☒ DOE-RL ☐ Other (Specify)	
Description and what constitutes completion of this commitment:			
Prepare and submit to DOE-RL the 200 Area TEDF Disposal Site Characterization Report.			
Cost Account Manager: B.F. Weaver	Date:	Program/Project Mgr: A.J. DiLiberto	Date: 11/22/93
Activity Manager: B.F. Weaver	Date:	DOE Monitor: <i>[Signature]</i> D.C Bryson	Date: 12/7/93

Milestone Description Sheet	Westinghouse Hanford Company LIQUID EFFLUENTS	FY 1994 FYWP
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Westinghouse Hanford Company Milestone Description Sheet		
Title: Complete LERF Basins Alternative Uses Study		Date: January 4, 1994
Assigned To: D.W. Lindsey		CIN:
Program WBS Designator: 1A2420		Completion Date:
Number: LEP-94-021		Revision:
Milestone Class: ☐ TPA ☐ DOE-HQ ☐ DOE-RL ☒ WHC Key	Deliverable: ☒ Report ☐ Letter ☐ Drawings ☐ Other (Specify)	Address To: ☐ DOE-HQ ☐ DOE-RL ☒ Other (Specify) Program Office
Description and what constitutes completion of this commitment:		
<p>Complete a study on the possible alternative uses for the LERF basins and submit a report to the Program Office when complete.</p>		
Cost Account Manager: D.W. Lindsey	Date:	Program/Project Mgr: A.J. DiLiberto <i>AJ DiLiberto</i>
Activity Manager: D.W. Lindsey	Date:	DOE Monitor: <i>D Bryson</i> D.C. Bryson
		Date: 11/22/93 Date: 12/7/93

Milestone Description Sheet	Westinghouse Hanford Company LIQUID EFFLUENTS	FY 1994 FYWP
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Westinghouse Hanford Company Milestone Description Sheet			
Title: Complete 200 Area TEDF SEPA Checklist		Date: December 3, 1993	
Assigned To: R.W. Oldham		CIN:	
Program WBS Designator: 1A2220		Completion Date: December 3, 1993	
Number: LEP-94-022		Revision:	
Milestone Class:	Deliverable:	Address To:	
☐ TPA ☐ DOE-HQ ☒ DOE-RL ☐ WHC Key	☐ Report ☐ Letter ☐ Drawings ☒ Other (Specify) Checklist of Activities	☐ DOE-HQ ☒ DOE-RL ☐ Other (Specify)	
Description and what constitutes completion of this commitment:			
Complete the SEPA checklist for submission to DOE-RL and subsequent submittal to Ecology.			
Cost Account Manager:	Date:	Program/Project Mgr:	Date:
B.F. Weaver		A.J. DiLiberto <i>A.J. DiLiberto</i>	11/22/93
Activity Manager:	Date:	DOE Monitor:	Date:
B.F. Weaver		D.C. Bryson <i>D.C. Bryson</i>	12/7/93

Milestone Description Sheet	Westinghouse Hanford Company LIQUID EFFLUENTS	FY 1994 FYWP
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Westinghouse Hanford Company Milestone Description Sheet			
Title: Submit Draft Preventive Maintenance Procedures to RL		Date: March 15, 1994	
Assigned To: A.F. Crane		CIN:	
Program WBS Designator: 1A2220		Completion Date:	
Number: LEP -94-023		Revision:	
Milestone Class: ☐ TPA ☐ DOE-HQ ☒ DOE-RL ☐ WHC Key	Deliverable: ☐ Report ☐ Letter ☐ Drawings ☒ Other (Specify) Procedures	Address To: ☐ DOE-HQ ☐ DOE-RL ☐ Other (Specify)	
Description and what constitutes completion of this commitment:			
Perpare and submit to DOE-RL draft Preventive Maintenance Procedures (200 TEF W-049H)			
Cost Account Manager: B.F. Weaver	Date:	Program/Project Mgr: A.J. DiLiberto	Date: 11/22/93
Activity Manager: B.F. Weaver	Date:	DOE Monitor: D.C. Bryson	Date: 12/7/93
Milestone Description Sheet	Westinghouse Hanford Company LIQUID EFFLUENTS		FY 1994 FYWP

**Westinghouse Hanford Company
Milestone Description Sheet**

Title: Submit Operations and Maintenance manual to DOE-RL		Date: July 15, 1994 <i>MARCH</i>	
Assigned To:		CIN:	
Program WBS Designator: 1A2220		Completion Date:	
Number: LEP-94-024		Revision:	
Milestone Class: ☐ TPA ☐ DOE-HQ ☒ DOE-RL ☐ WHC Key	Deliverable: ☐ Report ☐ Letter ☐ Drawings ☒ Other (Specify) Procedures Manual	Address To: ☐ DOE-HQ ☒ DOE-RL ☐ Other (Specify)	
Description and what constitutes completion of this commitment: Prepare and submit to DOE-RL the 200 Area TEDF Operations and Maintenance Manual which is required to accompany the 240 Engineering Report.			
Cost Account Manager: B.F. Weaver		Program/Project Mgr: A.J. DiLiberto <i>A.J. DiLiberto</i>	
Activity Manager: B.F. Weaver		DOE Monitor: D.C. Bryson <i>D.C. Bryson</i>	
Date:		Date: 11/22/93	
Date:		Date: 12/7/93	

Milestone Description Sheet	Westinghouse Hanford Company LIQUID EFFLUENTS	FY 1994 FYWP
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Westinghouse Hanford Company Milestone Description Sheet		
Title: Complete Facility Certification Plan Implementation		Date: September 30, 1994
Assigned To:		CIN:
Program WBS Designator: 1A2220		Completion Date:
Number: LEP-94-026		Revision:
Milestone Class: ☐ TPA ☐ DOE-HQ ☐ DOE-RL ☒ WHC Key	Deliverable: ☐ Report ☒ Letter ☐ Drawings ☐ Other (Specify)	Address To: ☐ DOE-HQ ☐ DOE-RL ☒ Other (Specify) Program Office
Description and what constitutes completion of this commitment:		
<p>Verify that the implementation of the facility certification plan for meeting effluent discharges is complete. Prepare a letter for the program Office.</p>		
Cost Account Manager: B.F. Weaver	Date:	Program/Project Mgr: A.J. DiLiberto <i>AJ DiLiberto</i>
Activity Manager: B.F. Weaver	Date:	DOE Monitor: <i>D Bryson</i> D.C. Bryson
		Date: <i>11/22/93</i> Date: <i>12/7/93</i>

Milestone Description Sheet	Westinghouse Hanford Company LIQUID EFFLUENTS	FY 1994 FYWP
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Westinghouse Hanford Company Milestone Description Sheet			
Title: Complete (200 Area TEDF) Groundwater Monitoring Sampling /Analysis		Date: September 30, 1994	
Assigned To: J.D. Davis		CIN:	
Program WBS Designator: 1A2220		Completion Date:	
Number: LEP-94-027		Revision:	
Milestone Class:	Deliverable:	Address To:	
☐ TPA ☐ DOE-HQ ☒ DOE-RL ☐ WHC Key	☒ Report ☐ Letter ☐ Drawings ☐ Other (Specify)	☐ DOE-HQ ☒ DOE-RL ☐ Other (Specify)	
Description and what constitutes completion of this commitment:			
Perform groundwater monitoring sampling and analysis to support the selection of the 200 Area TEDF disposal site.			
Cost Account Manager:	Date:	Program/Project Mgr:	Date:
B.F. Weaver		A.J. DiLiberto <i>A.J. DiLiberto</i>	11/22/93
Activity Manager:	Date:	DOE Monitor:	Date:
B.F. Weaver		D.C. Bryson <i>D.C. Bryson</i>	12/7/93

Milestone Description Sheet	Westinghouse Hanford Company LIQUID EFFLUENTS	FY 1994 FYWP
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Westinghouse Hanford Company Milestone Description Sheet		
Title: Initiate ADP Plan Preparation (Project W-049H)		Date: December 1, 1993
Assigned To: P.K. Sato		CIN:
Program WBS Designator: 1A2410		Completion Date:
Number: LEP-94-032		Revision:
Milestone Class: ☐ TPA ☐ DOE-HQ ☐ DOE-RL ☒ WHC Key	Deliverable: ☐ Report ☒ Letter ☐ Drawings ☐ Other (Specify)	Address To: ☐ DOE-HQ ☐ DOE-RL ☒ Other (Specify) Program Office
Description and what constitutes completion of this commitment:		
Begin collecting data, organizing files, and generating an outline for the ADP Plan.		
Cost Account Manager: D.W. Lindsey	Date:	Program/Project Mgr: A.J. DiLiberto <i>AJ DiLiberto</i>
Activity Manager: D.W. Lindsey	Date:	DOE Monitor: D.C. Bryson <i>DC Bryson</i>
		Date: 11/22/93 Date: 12/7/93

Milestone Description Sheet	Westinghouse Hanford Company LIQUID EFFLUENTS	FY 1994 FYWP
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Westinghouse Hanford Company Milestone Description Sheet		
Title: Miscellaneous Streams Plan		Date: December 29, 1993 (WHC to RL) January 31, 1994 (RL to Ecology)
Assigned To: S. Skurla		CIN:
Program WBS Designator: 1A2440		Completion Date:
Number: LEP-94-033		Revision:
Milestone Class: ☐ TPA ☐ DOE-HQ ☒ DOE-RL ☐ WHC Key ☒ Consent Order	Deliverable: ☒ Report ☐ Letter ☐ Drawings ☐ Other (Specify)	Address To: ☐ DOE-HQ ☒ DOE-RL ☐ Other (Specify)
Description and what constitutes completion of this commitment: Consent Order DE 91NM-177 requires that RL "Submit a plan and schedule for disposition and regulatory compliance for all remaining Miscellaneous streams to Ecology for approval by 1/94". This scope of this Plan and Schedule (P&S) is all Miscellaneous streams which are not included in Table 4 of the Consent Order. The Table 4 streams are being dealt with separately. This P&S will address all streams either specifically, in the case of streams with a high potential to effect groundwater, or as groupings of streams such as steam trap blow downs which because of their contamination status, flow rate and disposal location have a small potential to effect the groundwater.		
Cost Account Manager: D.W. Lindsey	Date:	Program/Project Mgr: A.J. DiLiberto <i>A.J. DiLiberto</i>
Activity Manager: D.W. Lindsey	Date:	DOE Monitor: D.C. Bryson <i>D.C. Bryson</i>
		Date: 11/22/93 Date: 12/7/93

Milestone Description Sheet	Westinghouse Hanford Company LIQUID EFFLUENTS	FY 1994 FYWP
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Westinghouse Hanford Company Milestone Description Sheet		
Title: 234-5-Z Ventilation Steam Condensate/Dry Air Cooling Water Permit Application		Date: August 30, 1994 (WHC to RL) September 30, 1994 (RL to Ecology)
Assigned To: J.R. Rosser		CIN:
Program WBS Designator: 1A2440		Completion Date:
Number: LEP-94-040		Revision:
Milestone Class: ☒ TPA ☐ DOE-HQ ☒ DOE-RL ☐ WHC Key	Deliverable: ☒ Report ☐ Letter ☐ Drawings ☐ Other (Specify)	Address To: ☐ DOE-HQ ☒ DOE-RL ☐ Other (Specify)
Description and what constitutes completion of this commitment:		
Consent Order DE 91NM-177 requires that RL submit a WAC 173-216 Permit application for the 234-5Z Ventilation Steam Condensate/Dry Air Compressor Cooling water effluent stream by 9/94.		
Cost Account Manager: D.W. Lindsey	Date:	Program/Project Mgr: A.J. DiLiberto <i>AJ DiLiberto</i> Date: 11/22/93
Activity Manager: D.W. Lindsey	Date:	DOE Monitor: D.C. Bryson <i>DBryson</i> Date: 12/17/93

Milestone Description Sheet	Westinghouse Hanford Company LIQUID EFFLUENTS	FY 1994 FYWP
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Westinghouse Hanford Company Milestone Description Sheet		
Title: Miscellaneous Streams Permit Applications		Date: May 31, 1994 (WHC to RL) June 30, 1994 (RL to Ecology)
Assigned To: J.R. Rosser		CIN:
Program WBS Designator: 1A2440		Completion Date:
Number: see description		Revision:
Milestone Class:	Deliverable:	Address To:
☒ TPA ☐ DOE-HQ ☒ DOE-RL ☐ WHC Key	☒ Report ☐ Letter ☐ Drawings ☐ Other (Specify)	☐ DOE-HQ ☒ DOE-RL ☐ Other (Specify)
Description and what constitutes completion of this commitment:		
<p>Consent Order DE 91NM-177 requires that RL submit WAC 173-216 Permit applications for the following effluent streams by the end of June 1994.</p> <p>LEP-94-042 209-E Building Steam Condensate LEP-94-043 400 Area Sanitary Wastewater LEP-94-034 200-W Powerhouse Ash Wastewater LEP-94-035 200-E Powerhouse Ash Wastewater LEP-94-036 300 Area Powerhouse Ash Wastewater LEP-94-037 100-N Sanitary Sewer System LEP-94-038 300 Area Filter Backwash LEP-94-039 300 Area Sanitary Sewer System LEP-94-044 272-E, 2703-E Buildings Wastewater LEP-94-041 183-N Filter Backwash</p> <p>Prepare and issue WHC approved WAC 173-216 Permit applications to DOE-RL by May 31, 1994. These permit applications are not required if the effluent stream is not being discharged or if an NPDES Permit application has been submitted.</p>		
Cost Account Manager: D.W. Lindsey	Date:	Program/Project Mgr: A.J. DiLiberto <i>AJ DiLiberto</i>
Activity Manager: D.W. Lindsey	Date:	DOE Monitor: <i>D.C. Bryson</i> D.C. Bryson <i>D.C. Bryson</i>
		Date: 11/22/93
		Date: 12/7/93

Milestone Description Sheet	Westinghouse Hanford Company LIQUID EFFLUENTS	FY 1994 FYWP
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Westinghouse Hanford Company Milestone Description Sheet		
Title: Initiate Advanced Conceptual Design (Project W-252)		Date: January 2, 1994
Assigned To: P.K. Sato		CIN:
Program WBS Designator: 1A2410		Completion Date:
Number: LEP-94-045		Revision:
Milestone Class: ☐ TPA ☐ DOE-HQ ☐ DOE-RL ☒ WHC Key	Deliverable: ☐ Report ☒ Letter ☐ Drawings ☐ Other (Specify)	Address To: ☐ DOE-HQ ☐ DOE-RL ☒ Other (Specify) A/E Contractor
Description and what constitutes completion of this commitment:		
<p>Notify the A/E Contractor to begin the Advanced Conceptual Design for project W-252 by sending a letter of instruction.</p>		
Cost Account Manager: D.W. Lindsey	Date:	Program/Project Mgr: A.J. DiLiberto <i>A.J. DiLiberto</i>
Activity Manager: D.W. Lindsey	Date:	DOE Monitor: <i>D.C. Bryson</i> D.C. Bryson <i>D.C. Bryson</i>
		Date: <i>11/22/93</i> Date: <i>12/7/93</i>

Milestone Description Sheet	Westinghouse Hanford Company LIQUID EFFLUENTS	FY 1994 FYWP
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Westinghouse Hanford Company Milestone Description Sheet		
Title: Complete Project W-252 Safety Documentation Program Plan		Date: March 31, 1994
Assigned To: P.K. Sato		CIN:
Program WBS Designator: 1A2410		Completion Date:
Number: LEP-94-046		Revision:
Milestone Class: ☐ TPA ☐ DOE-HQ ☐ DOE-RL ☒ WHC Key	Deliverable: ☒ Report ☐ Letter ☐ Drawings ☐ Other (Specify)	Address To: ☐ DOE-HQ ☐ DOE-RL ☒ Other (Specify) Program Office
Description and what constitutes completion of this commitment:		
<p>Complete the Safety Documentation Program Plan for Project W-252. Document this by sending a letter to the Program Office.</p>		
Cost Account Manager: D.W. Lindsey	Date:	Program/Project Mgr: A.J. DiLiberto <i>AJ DiLiberto</i> 11/22/93
Activity Manager: D.W. Lindsey	Date:	DOE Monitor: <i>D Bryson</i> 12/7/93 D.C. Bryson

Milestone Description Sheet	Westinghouse Hanford Company LIQUID EFFLUENTS	FY 1994 FYWP
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Westinghouse Hanford Company Milestone Description Sheet		
Title: Initiate Revision of the 200 Area TEDF Interface Control Document to Include the Phase II Streams		Date: August 9, 1994
Assigned To: D.W. Lindsey		CIN:
Program WBS Designator: 1A2410		Completion Date:
Number: LEP-94-047		Revision:
Milestone Class: ☐ TPA ☐ DOE-HQ ☐ DOE-RL ☒ WHC Key	Deliverable: ☐ Report ☒ Letter ☐ Drawings ☐ Other (Specify)	Address To: ☐ DOE-HQ ☐ DOE-RL ☒ Other (Specify) Program Office
Description and what constitutes completion of this commitment:		
<p>Begin collecting data, organizing files, and generating an outline for the revision of the 200 Area TEDF Interface Control Document. Document this by sending a letter to the Program Office.</p>		
Cost Account Manager: D.W. Lindsey	Date:	Program/Project Mgr: A.J. DiLiberto <i>A.J. DiLiberto</i>
Activity Manager: D.W. Lindsey	Date:	DOE Monitor: D.C. Bryson <i>D.C. Bryson</i>
		Date: 11/22/93 Date: 12/7/93

Milestone Description Sheet	Westinghouse Hanford Company LIQUID EFFLUENTS	FY 1994 FYWP
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Westinghouse Hanford Company Milestone Description Sheet		
Title: Phase II Streams Permit Applications		Date: November 30, 1993 (WHC to RL) December 31, 1993 (RL to Ecology)
Assigned To: B.P. Atencio		CIN:
Program WBS Designator: 1A2140		Completion Date:
Number: see description		Revision:
Milestone Class:	Deliverable:	Address To:
☐ TPA ☐ DOE-HQ ☒ DOE-RL ☐ WHC Key	☐ Report ☐ Letter ☐ Drawings ☒ Other (Specify) Permit Application	☐ DOE-HQ ☒ DOE-RL ☐ Other (Specify)
Description and what constitutes completion of this commitment:		
<p>Preparation and submission of a WHC approved WAC 173-216 Permit Application for the "other" Phase II effluents discharged to the 216-B-3 pond.</p> <p>These effluent streams are defined in Table 3 of Consent Order DE 91NM-177.</p> <p>LEP-94-048 242-A Evaporator Cooling Water LEP-94-049 242-A Evaporator Steam Condensate LEP-94-050 241-A Tank Farm Cooling Water LEP-94-051 244-AR Vault Cooling Water LEP-94-052 284-E Power Plant Waste Water LEP-94-054 B Plant Cooling Water</p>		
Cost Account Manager: D.R. Speer	Date:	Program/Project Mgr A.J. DiLiberto <i>[Signature]</i> Date: 11/29/93
Activity Manager: A.J. DiLiberto	Date:	DOE Monitor: D.C. Bryson <i>[Signature]</i> Date: 12/7/93

Milestone Description Sheet	Westinghouse Hanford Company LIQUID EFFLUENTS	FY 1994 FYWP
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Westinghouse Hanford Company Milestone Description Sheet		
Title: 183-D Permit Application		Date: November 30, 1993 (WHC to RL) December 31, 1993 (RL to Ecology)
Assigned To: B.P. Atencio		CIN:
Program WBS Designator: 1A2140		Completion Date:
Number: LEP-94-053		Revision:
Milestone Class:	Deliverable:	Address To:
☒ TPA ☐ DOE-HQ ☒ DOE-RL ☐ WHC Key	☐ Report ☐ Letter ☐ Drawings ☒ Other (Specify) Permit Application	☐ DOE-HQ ☒ DOE-RL ☐ Other (Specify)
Description and what constitutes completion of this commitment:		
<p>Preparation and submission of a fully completed WAC 173-216 Permit Application for the effluent from the 183-D filter backwash to the Washington State Department of Ecology.</p>		
Cost Account Manager:	Date:	Program/Project Mgr: Date:
D.R. Speer		A.J. DiLiberto <i>A.J. DiLiberto</i> 11/22/93
Activity Manager:	Date:	DOE Monitor: Date:
A.J. DiLiberto		D.C. Bryson <i>D. Bryson</i> 12/7/93

Milestone Description Sheet	Westinghouse Hanford Company LIQUID EFFLUENTS	FY 1994 FYWP
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Westinghouse Hanford Company Milestone Description Sheet		
Title: 216-U-14 GIA		Date: January 17, 1994 (WHC to RL) January 31, 1994 (RL to EPA/Ecology)
Assigned To: AJ Knepp		CIN:
Program WBS Designator: 1A2140		Completion Date:
Number: LEP-94-055		Revision:
Milestone Class: ☒ TPA ☐ DOE-HQ ☒ DOE-RL ☐ WHC Key	Deliverable: ☒ Report ☐ Letter ☐ Drawings ☐ Other (Specify)	Address To: ☐ DOE-HQ ☒ DOE-RL ☐ Other (Specify)
Description and what constitutes completion of this commitment:		
<p>Preparation and submission of a Groundwater Impact Assessment (GIA) Report for the effluents to the 216-U-14 ditch to DOE-RL for review and approval. This assessment will be performed in accordance with the GIA Plan submitted in January 1993.</p> <p>This GIA is due to the Environmental Protection Agency and the Washington State Department of Ecology by January 31, 1994.</p>		
Cost Account Manager: D.R. Speer	Date:	Program/Project Mgr: A.J. DiLiberto <i>AJ DiLiberto</i>
Activity Manager: A.J. DiLiberto	Date:	DOE Monitor: D.C. Bryson <i>DC Bryson</i>
		Date: <i>11/29/93</i> Date: <i>12/7/93</i>

Milestone Description Sheet	Westinghouse Hanford Company LIQUID EFFLUENTS	FY 1994 FYWP
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Westinghouse Hanford Company Milestone Description Sheet		
Title: 216-T-1 GIA PLAN		Date: January 17, 1994 (WHC to RL) January 31, 1994 (RL to EPA/Ecology)
Assigned To: AJ Knepp		CIN:
Program WBS Designator: 1A2140		Completion Date:
Number: LEP-94-056		Revision:
Milestone Class:	Deliverable:	Address To:
☒ TPA ☐ DOE-HQ ☒ DOE-RL ☐ WHC Key	☐ Report ☐ Letter ☐ Drawings ☒ Other (Specify) Plan	☐ DOE-HQ ☒ DOE-RL ☐ Other (Specify)
Description and what constitutes completion of this commitment:		
<p>Preparation of a Groundwater Impact Assessment (GIA) Plan for the effluents to the 216-T-1 ditch and submission to the DOE-RL for review and approval. Final submission is required by January, 31, 1994. This submission will be via a briefing to the EPA and Ecology. Following the briefing, a letter documenting agreements reached between WHC, RL, Ecology, and EPA will be prepared by Geosciences within 30 days and transmitted by RL to Ecology and EPA for approval.</p>		
Cost Account Manager:	Date:	Program/Project Mgr: Date:
D.R. Speer		A.J. DiLiberto <i>AJ DiLiberto</i> 11/22/93
Activity Manager:	Date:	DOE Monitor: Date:
A.J. DiLiberto		D.C. Bryson <i>D. Bryson</i> 12/7/93

Milestone Description Sheet	Westinghouse Hanford Company LIQUID EFFLUENTS	FY 1994 FYWP
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Westinghouse Hanford Company Milestone Description Sheet		
Title: 216-T-4-2 GIA PLAN		Date: January 17, 1994 (WHC to RL) January 31, 1994 (RL to EPA/Ecology)
Assigned To: AJ Knepp		CIN:
Program WBS Designator: 1A2140		Completion Date:
Number: LEP-94-057		Revision:
Milestone Class:	Deliverable:	Address To:
☒ TPA ☐ DOE-HQ ☒ DOE-RL ☐ WHC Key	☐ Report ☐ Letter ☐ Drawings ☒ Other (Specify) Plan	☐ DOE-HQ ☒ DOE-RL ☐ Other (Specify)
Description and what constitutes completion of this commitment:		
<p>Preparation of a Groundwater Impact Assessment (GIA) Plan for the effluents to the 216-T-2 ditch and submission to the DOE-RL for review and approval. Final submission is required by January, 31, 1994. This submission will be via a briefing to the EPA and Ecology. Following the briefing, a letter documenting agreements reached between WHC, RL, Ecology, and EPA will be prepared by Geosciences within 30 days and transmitted by RL to Ecology and EPA for approval.</p>		
Cost Account Manager: D.R. Speer	Date:	Program/Project Mgr: A.J. DiLiberto <i>AJ DiLiberto</i>
Activity Manager: A.J. DiLiberto	Date:	DOE Monitor: <i>D.C. Bryson</i> D.C. Bryson <i>D.C. Bryson</i>

Milestone Description Sheet	Westinghouse Hanford Company LIQUID EFFLUENTS	FY 1994 FYWP
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Westinghouse Hanford Company Milestone Description Sheet		
Title: 216-B-3 GIA PLAN	Date: January 17, 1994 (WHC to RL) January 31, 1994 (RL to EPA/Ecolgy)	
Assigned To: AJ Knepp	CIN:	
Program WBS Designator: 1A2DCN	Completion Date:	
Number: LEP-94-058	Revision:	
Milestone Class: ☒ TPA ☐ DOE-HQ ☒ DOE-RL ☐ WHC Key	Deliverable: ☐ Report ☐ Letter ☐ Drawings ☒ Other (Specify) Plan	Address To: ☐ DOE-HQ ☒ DOE-RL ☐ Other (Specify)
Description and what constitutes completion of this commitment:		
<p>Preparation of a Groundwater Impact Assessment (GIA) Plan for the effluents to the 216-B-3 pond and submission to the DOE-RL for review and approval. Final submission is required by January, 31, 1994. This submission will be via a briefing to the EPA and Ecology. Following the briefing, a letter documenting agreements reached between WHC, RL, Ecology, and EPA will be prepared by Geosciences within 30 days and transmitted by RL to Ecology and EPA for approval.</p>		
Cost Account Manager: D.R. Speer	Date:	Program/Project Mgr: A.J. DiLiberto <i>AJ DiLiberto</i> Date: 11/22/93
Activity Manager: A.J. DiLiberto	Date:	DOE Monitor: D.C. Bryson <i>DBryson</i> Date: 12/7/93

Milestone Description Sheet	Westinghouse Hanford Company LIQUID EFFLUENTS	FY 1994 FYWP
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Westinghouse Hanford Company Milestone Description Sheet		
Title: 216-W-LC GIA		Date: February 14, 1994 (WHC to RL) February 28, 1994 (RL to Ecology)
Assigned To: AJ Knepp		CIN:
Program WBS Designator: 1A2140		Completion Date:
Number: LEP-94-059		Revision:
Milestone Class: ☒ TPA ☐ DOE-HQ ☒ DOE-RL ☐ WHC Key	Deliverable: ☒ Report ☐ Letter ☐ Drawings ☐ Other (Specify)	Address To: ☐ DOE-HQ ☒ DOE-RL ☐ Other (Specify)
Description and what constitutes completion of this commitment:		
<p>Preparation of a Groundwater Impact Assessment (GIA) report for the effluents to the 216-W-LC crib and submission to the DOE-RL for review and approval. Final submission is required by February 28, 1994.</p> <p>This assessment will be performed in accordance with the GIA Plan submitted in April 1993.</p>		
Cost Account Manager: D.R. Speer	Date:	Program/Project Mgr: A.J. DiLiberto <i>AJ DiLiberto</i> Date: 11/22/93
Activity Manager: A.J. DiLiberto	Date:	DOE Monitor: <i>D. Bryson</i> Date: 12/7/93

Milestone Description Sheet	Westinghouse Hanford Company LIQUID EFFLUENTS	FY 1994 FYWP
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Westinghouse Hanford Company Milestone Description Sheet		
Title: 216-S-26 GIA		Date: November 19, 1993 (WHC to PL) November 30, 1993 (RL to Ecology)
Assigned To: AJ Knepp		CIN:
Program WBS Designator: 1A2140		Completion Date:
Number: LEP-94-060		Revision:
Milestone Class: ☒ TPA ☐ DOE-HQ ☒ DOE-RL ☐ WHC Key	Deliverable: ☒ Report ☐ Letter ☐ Drawings ☐ Other (Specify)	Address To: ☐ DOE-HQ ☒ DOE-RL ☐ Other (Specify)
Description and what constitutes completion of this commitment:		
<p>Preparation and submission of a Groundwater Impact Assessment (GIA) report for the effluents to the 216-S-26 crib. This assessment will be performed in accordance with the GIA Plan submitted in June 1993.</p>		
Cost Account Manager: D.R. Speer	Date:	Program/Project Mgr: A.J. DiLiberto <i>AJ DiLiberto</i> Date: 11/22/93
Activity Manager: A.J. DiLiberto	Date:	DOE Monitor: D.C. Bryson <i>DC Bryson</i> Date: 12/17/93

Milestone Description Sheet	Westinghouse Hanford Company LIQUID EFFLUENTS	FY 1994 FYWP
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Westinghouse Hanford Company Milestone Description Sheet		
Title: LEMIS Release 4		Date: April 1, 1994
Assigned To: LE Towner		CIN:
Program WBS Designator: 1A2140		Completion Date:
Number: LEP-94-061		Revision:
Milestone Class:	Deliverable:	Address To:
☐ TPA ☐ DOE-HQ ☒ DOE-RL ☒ WHC Key	☐ Report ☐ Letter ☐ Drawings ☒ Other (Specify) Computer Code	☐ DOE-HQ ☒ DOE-RL ☐ Other (Specify)
Description and what constitutes completion of this commitment:		
<p>Revise existing computer code for the Liquid Effluent Monitoring Information System (LEMIS) to enhance its operation and usability. Specific enhancements are:</p> <ul style="list-style-type: none"> * Capability to enter laboratory analyses data directly from the Laboratory Information Management System. * Capability to perform automatic data validation. * Preparation of sample labels directly from the Sampling Authorization Form information. 		
Cost Account Manager: D.R. Speer	Date:	Program/Project Mgr: A.J. DiLiberto <i>AJ DiLiberto</i> 11/22/93
Activity Manager: A.J. DiLiberto	Date:	DOE Monitor: <i>D Bryson</i> D.C. Bryson <i>D Bryson</i> 12/7/93

Milestone Description Sheet	Westinghouse Hanford Company LIQUID EFFLUENTS	FY 1994 FYWP
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Westinghouse Hanford Company Milestone Description Sheet		
Title: Complete Definitive Design (Project W-291H)		Date: TBD
Assigned To: K.S. Pedersen		CIN:
Program WBS Designator: 1A2230		Completion Date:
Number: LEP-94-064		Revision:
Milestone Class: ☐ TPA ☐ DOE-HQ ☐ DOE-RL ☒ WHC Key	Deliverable: ☐ Report ☐ Letter ☒ Drawings ☐ Other (Specify)	Address To: ☐ DOE-HQ ☐ DOE-RL ☒ Other (Specify) Program Office
Description and what constitutes completion of this commitment: Complete the definitive design for Project W-291H and submit a set of drawings approved by KEH, WHC, and DOE-RL.		
Cost Account Manager: B.F. Weaver	Date:	Program/Project Mgr: A.J. DiLiberto
Activity Manager: B.F. Weaver	Date:	DOE Monitor: D.C. Bryson
		Date: 11/22/93 Date: 12/7/93

Milestone Description Sheet	Westinghouse Hanford Company LIQUID EFFLUENTS	FY 1994 FYWP
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Westinghouse Hanford Company Milestone Description Sheet		
Title: Initiate Construction Project W-291H		Date: TBD
Assigned To: K.S. Pedersen		CIN:
Program WBS Designator: 1A2230		Completion Date:
Number: LEP-94-066		Revision:
Milestone Class: ☐ TPA ☐ DOE-HQ ☐ DOE-RL ☒ WHC Key	Deliverable: ☐ Report ☒ Letter ☐ Drawings ☐ Other (Specify)	Address To: ☐ DOE-HQ ☐ DOE-RL ☒ Other (Specify) Program Office
Description and what constitutes completion of this commitment:		
Initiate construction on Project W-291H and document the start by sending a letter to the Program Office.		
Cost Account Manager: B.F. Weaver	Date:	Program/Project Mgr: A.J. DiLiberto
		Date: 11/22/93
Activity Manager: B.F. Weaver	Date:	DOE Monitor: D.C. Bryson
		Date: 12/7/93

Milestone Description Sheet	Westinghouse Hanford Company LIQUID EFFLUENTS		FY 1994 FYWP
Westinghouse Hanford Company Milestone Description Sheet			
Title: Complete Annual Evaluation of Tritium Treatment Technology (currently under TPA negotiations)		Date: September ^{AUGUST} 30, 1994	
Assigned To: D.W. Lindsey		CIN:	
Program WBS Designator: 1A2420		Completion Date:	
Number: LEP-94-067		Revision: 0	
Milestone Class: ☒ TPA ☐ DOE-HQ X DOE-RL	Deliverable: X Report Letter ☐ Drawings ☐ Other (Specify)	Address To: ☐ DOE-HQ X DOE-RL Other (Specify)	
Description and what constitutes completion of this commitment:			
<p>A solution technology needs to be found for controlling or removing residual tritium from water at the concentrations and quantities which presently exist in the environment or which will remain in liquid effluent streams after treatment. The two major applications for this treatment technology at the Hanford Site would potentially be the clean up of tritium contaminated groundwater and waste water which contains residual tritium after treatment (e.g., the 242-A Evaporator Process Condensate liquid effluent).</p> <p>Submit annually to EPA and Ecology an evaluation of development status of tritium treatment technology that would be pertinent to the cleanup of tritiated waste water (the 242-A Evaporator Process Condensate liquid effluent) and tritium contaminated groundwater at the Hanford Site.</p>			
Cost Account Manager: D.W. Lindsey	Date:	Program/Project Mgr: A.J. DiLiberto	Date: 11/22/93
Activity Manager: D.W. Lindsey	Date:	DOE Monitor: D.C. Bryson	Date: 12/7/93

ACTIVITY DESCRIPTION	EARLY START	EARLY FINISH	M/S #	MILE	FY94											
					OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
*****PROGRAM MANAGEMENT FOR PROJECT W-049*****																
PROGRAM MANAGEMENT SUMMARY	10CT93	30JUN95														
*****TDF SITING*****																
SITE CHARACTERIZATION SUMMARY	15EP91A	28SEP94														
COMPLETE DRAFT PREP CHARACTERIZATION REPORT	60CT93	LEP-94-020	KEY		△											
ISSUE FOR PUBLIC RELEASE	11NOV93		KEY			△										
SITE CHARACTERIZATION REPORT COMPLETE (DISPOSAL)	11NOV93		KEY			△										
ISSUE REV 1 OF SCR FOR PUBLIC RELEASE	4APR94		KEY							△						
ISSUE FOR PUBLIC RELEASE REV 2 OF THE SCR	28SEP94	LEP-94-022	KEY													△
GROUND WATER MONITORING SUMMARY	15OCT92A	29JUN95														
FY-94 GROUND WATER MONITORING COMPLETE	29SEP94	LEP-94-027	KEY													△
*****216 PERMITTING*****																
216 PERMITTING SUMMARY	16JUL93A	13MAR95														
START 216 PERMIT PREPARATION	6DEC93	LEP-94-017	MRL				△									
SUBMIT MAC CERTIFIED 216 PERMIT APP. TO RL	3JUN94	LEP-94-018	MRL									△				
SUBMIT OPERATIONS/MAINTENANCE MANUALS TO RL	15MAR94	LEP-94-024	KEY							△						
*****SYSTEMS ENGINEERING*****																
SYSTEMS ENGINEERING SUMMARY	28NOV90A	28SEP94														
W-049H GENERATOR FAC CERT PLAN COMPLETE	28SEP94	LEP-94-026	KEY													△
COMPLETE LERF BASIN ALTERNATIVE USE STUDY	15OCT93	LEP-94-021	KEY		△											
SUBMIT DRAFT PROJECT MGMT PROCEDURES TO RL	31MAR94	LEP-94-023	KEY								△					
Plot Date 22SEP93 Data Date 10SEP93 Project Start 1AUG90 Project Finish 30JUN95					(c) Primavera Systems, Inc.											

WESTINGHOUSE HANFORD COMPANY
200A TREATED EFFLUENT DISP FACILITY
W-049: FY-1994 SUMMARY SCHEDULE

Sheet 1 of 2

SCHEDULE PREPARED BY: BUD SAMSON 373-4865

Date	Revision	Checked	Approved

ACTIVITY DESCRIPTION	EARLY START	EARLY FINISH	M/S #	MILE	FY94											
					OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
****SYSTEMS ENGINEERING****																
WAC/DOE APPROVAL PREV MAINT PROCEDURES COMPLETE		28JUN94		KEY												
W-049H 240 ENGINEERING REPORT SUMMARY	28NOV90A	30DEC93														
****PROJECT W-049: DESIGN, PROCURE, CONSTRUCT****																
PROJECT W-049: DESIGN, PROCURE AND CONSTRUCT	15JAN92A	30DEC94														
COLLECTION SYSTEM: DESIGN, PROCURE, CONSTRUCT																
COLLECTION SYSTEM: DESIGN, PROCURE, CONSTRUCT	15JAN92A	30DEC94														
****DISPOSAL SYSTEM: DESIGN, PROCURE, CONSTRUCT****																
DISPOSAL SYSTEM: DESIGN, PROCURE, CONSTRUCT	3AUG92A	30DEC94														
****INSTRUMENTATION: DESIGN, PROCURE, INSTALL****																
INSTRUMENTATION: DESIGN, PROCURE, CONSTRUCT	15MAR93A	30DEC94														
****OPERATING PROCEDURE SUMMARY****																
OPERATING DOCUMENTS SUMMARY	1AUG94	12DEC94														
INITIATE OPERATING PROCEDURES PREPARATION	1AUG94		LEP-94-025	KEY												
****READINESS REVIEW/TPA MILESTONES****																
READINESS REVIEW AND TPA MILESTONE SUMMARY	13JUN94	30JUN95														

Plot Date 22SEP93
Data Date 10SEP93
Project Start 1AUG90
Project Finish 30JUN95

Activity Bar/Early Dates
Critical Activity
Progress Bar
Milestone/Flag Activity

WESTINGHOUSE HANFORD COMPANY
200A TREATED EFFLUENT DISP FACILITY
W-049: FY-1994 SUMMARY SCHEDULE

Sheet 2 of 2

SCHEDULE PREPARED BY: BUD SAWYER 373-1865

Date	Revision	Checked	Approved

(c) Primavera Systems, Inc

ACTIVITY DESCRIPTION	EARLY START	EARLY FINISH	M/S #	MILE	FY94											
					OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
****PROGRAM MANAGEMENT****																
PROGRAM MANAGEMENT SUMMARY	10CT93	310CT97														
****PERMITTING****																
PERMITTING SUMMARY	10CT92A	27JUN96														
****EFFLUENT PROCESS ENGINEERING****																
EFFLUENT PROCESS ENGR SUMMARY	31DEC91A	2APR96														
****STREAM FLOW DATA****																
STREAM FLOW DATA	19NOV93	15APR96														
****PROJECT MANAGEMENT****																
PROJECT MANAGEMENT SUMMARY	8JUN92A	310CT94														
****SAFETY DOCUMENTATION****																
SAFETY DOCUMENTATION SUMMARY	10CT92A	31JAN97														
SAFETY DOCUMENTATION PROGRAM PLAN COMPLETE		31MAR94	LEP-94-046	KEY												
****ADVANCED CONCEPTUAL DESIGN****																
ADVANCED CONCEPTUAL DESIGN	3JAN94	30SEP94														
****DESIGN/PROCUREMENT/CONSTRUCTION****																
DESIGN/PROCUREMENT/CONSTRUCTION SUMMARY	1DEC93	29MAY97														

Plot Date 22NOV93
 Data Date 30SEP93
 Project Start 31DEC91
 Project Finish 310CT97 *

W252

WESTINGHOUSE HANFORD COMPANY
 W-252 PHASE II STREAMS
 W-252: FYWP SUMMARY SCHEDULE

Sheet 1 of 1

SCHEDULE PREPARED BY: BUD SAMSON

Date	Revision	Checked	Approved

(c) Primavera Systems, Inc.

ACTIVITY DESCRIPTION	EARLY START	EARLY FINISH	M/S#	MILE	FY94												FY95																											
					O	N	D	J	F	M	A	M	J	J	A	S	O	N	D	J	F	M	A	M	J																			
PROGRAM MANAGEMENT																																												
PROGRAM MANAGEMENT/ADMINISTRATION	1MAY94	29MAR95																																										
CMPLT PROCUREMENT OF TRAILER-TEMP OFFICE SPACE		30JUN94		KEY																																								
DISPOSAL SYSTEM CONSTRUCTION COMPLETE		17AUG94	LEP-94-006	KEY	△ △ PENDING CHANGE REQUEST M-17-93-07 HEC FUNDED TARGET DATE: 6/30/94																																							
COLLECTION SYSTEM CONSTRUCTION COMPLETE		19MAY94	LEP-94-007	KEY	△ POSSIBLY AFFECTED BY TWRS STAND-DOWN HEC FUNDED																																							
ETF FACILITY TURNOVER		21JUN94	LEP-94-005	KEY	△ HEC FUNDED TARGET DATE: 6/30/94																																							
M-17-14D INITIATE OTP WITH LERF RECYCLE	30JUN94		LEP-94-001	TPA	○																																							
PERMITTING																																												
PERMITTING	22NOV94	27OCT94																																										
1ST QUARTERLY UPDATE ON PERMITTING ACTIVITIES		31DEC93		KEY	△																																							
2ND QUARTERLY UPDATE ON PERMITTING ACTIVITIES		31MAR94		KEY	△																																							
3RD QUARTERLY UPDATE ON PERMITTING ACTIVITIES		30JUN94		KEY	△																																							
4TH QUARTERLY UPDATE ON PERMITTING ACTIVITIES		30SEP94		KEY	△																																							
SYSTEM ENGINEERING																																												
SYSTEM ENGINEERING	5NOV94	29SEP94																																										
Plot Date 24SEP93 Data Date 31AUG93 Project Start 1OCT90 Project Finish 10FEB00			WESTINGHOUSE HANFORD COMPANY 242A EVAP/PUREX PLNT COND TRMT FAC FY-94 COST ACCOUNT SUMMARY SCHEDULE												Sheet 1 of 3 DRAWN BY: JL JORDHEIM 3-1229 <table border="1"> <thead> <tr> <th>Date</th> <th>Revision</th> <th>Checked</th> <th>Approved</th> </tr> </thead> <tbody> <tr><td> </td><td> </td><td> </td><td> </td></tr> <tr><td> </td><td> </td><td> </td><td> </td></tr> <tr><td> </td><td> </td><td> </td><td> </td></tr> <tr><td> </td><td> </td><td> </td><td> </td></tr> </tbody> </table>										Date	Revision	Checked	Approved																
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(c) Primavera Systems, Inc																																												

ACTIVITY DESCRIPTION	EARLY START	EARLY FINISH	M/S#	MILE	FY94												FY95																																
					O	N	D	J	F	M	A	M	J	J	A	S	O	N	D	J	F	M	A	M	J																								
SYSTEM ENGINEERING					⊙																																												
COMPLETE ANNUAL EVALUATION OF TRITIUM TECHNOLOGY		29SEP94	LEP-94-067	MRL																																													
FACILITY OPERATIONS					<div style="border: 1px solid black; width: 100%; height: 100%; position: relative;"> <div style="position: absolute; top: 0; right: 0; width: 100%; height: 100%; background-color: #f0f0f0;"></div> <div style="position: absolute; top: 50%; left: 50%; transform: translate(-50%, -50%);"> △ PENDING APPROVAL OF CHANGE REQUEST M-17-93-07 </div> </div>																																												
ETF FACILITY OPERATIONS		1APR93A	3APR95																																														
COMPLETE ADMINISTRATIVE PROCEDURES		23MAY94		KEY																																													
COMPLETE OJT		3JAN95	LEP-94-004	KEY																																													
INITIATE DEVELOPMENT OF JOB CONTROL SYSTEM		10CT93		KEY																																													
SUBMIT FSAR FOR DOE-HQ REVIEW -TRANSMIT TO RL		01APR94	LEP-94-003	MRL																																													
OPERATIONS SUPPORT					<div style="border: 1px solid black; width: 100%; height: 100%; position: relative;"> <div style="position: absolute; top: 0; right: 0; width: 100%; height: 100%; background-color: #f0f0f0;"></div> <div style="position: absolute; top: 50%; left: 50%; transform: translate(-50%, -50%);"> △ </div> </div>																																												
OPERATIONS SUPPORT		10CT93	16SEP94																																														
BEGIN STAFFING/TRAINING IN SPRT OF ETF STARTUP		1JUL94		KEY																																													
RCRA DOCUMENTS					<div style="border: 1px solid black; width: 100%; height: 100%; position: relative;"> <div style="position: absolute; top: 0; right: 0; width: 100%; height: 100%; background-color: #f0f0f0;"></div> <div style="position: absolute; top: 50%; left: 50%; transform: translate(-50%, -50%);"> △ △ △ △ </div> </div>																																												
RCRA DOCUMENTATION		17MAY90A	10FEB00																																														
1ST QUARTERLY UPDATE ON RCRA ACTIVITIES		31DEC93		KEY																																													
2ND QUARTERLY UPDATE ON RCRA ACTIVITIES		31MAR94		KEY																																													
3RD QUARTERLY UPDATE ON RCRA ACTIVITIES		30JUN94		KEY																																													
4TH QUARTERLY UPDATE ON RCRA ACTIVITIES		30SEP94		KEY																																													
Plot Date 24SEP93 Data Date 31AUG93 Project Start 10CT90 Project Finish 10FEB00					<div style="border: 1px solid black; padding: 2px;"> Activity Bar/Early Dates Critical Activity DOE-RL MAJOR MILESTONE KEY MILESTONE TPA MILESTONE </div>					Sheet 2 of 3 WESTINGHOUSE HANFORD COMPANY 242A EVAP/PUREX PLNT COND TRMT FAC FY-94 COST ACCOUNT SUMMARY SCHEDULE										DRAWN BY: JL JORDHEIM 3-1229 <table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th>Date</th> <th>Revision</th> <th>Checked</th> <th>Approved</th> </tr> </thead> <tbody> <tr><td> </td><td> </td><td> </td><td> </td></tr> <tr><td> </td><td> </td><td> </td><td> </td></tr> <tr><td> </td><td> </td><td> </td><td> </td></tr> <tr><td> </td><td> </td><td> </td><td> </td></tr> </tbody> </table>										Date	Revision	Checked	Approved																
Date	Revision	Checked	Approved																																														

ACTIVITY DESCRIPTION	EARLY START	EARLY FINISH	M/S#	MILE	FY94												FY95											
					O	N	D	J	F	M	A	M	J	J	A	S	O	N	D	J	F	M	A	M	J			
TREATABILITY TESTING																												
TREATABILITY TESTING	14DEC90A	21JUN95																										
FILTRATION EQUIPMENT INSTALLED AT LERF		31MAR94	LEP-94-010	KEY	△																							
UNIT OPS EQUIP TRANSFERRED TO 1706 KEL PILO PLNT		21JAN94	LEP-94-009	KEY	△																							
PILOT PLANT READINESS GROUP DECLARES READINESS		7APR94	LEP-94-008	KEY	△																							
WSCF LAB																												
C-018H WSCF LAB SUPPORT	2MAY94	27SEP94			[Bar]																							
SUBMIT DRAFT DQO'S INTERFACE DOCUMENT		27SEP94		KEY	△																							
READINESS REVIEW																												
READINESS REVIEW	15MAR93A	27JUN95																										
SET UP STANDING READINESS REVIEW BOARD		28OCT93		KEY	△																							
ESTABLISH ETF READINESS TEAM		13JUN94		KEY	△																							
READINESS REVIEW COMPLETE		27JUN95	LEP-94-002	KEY	△ PENDING CHANGE REQUEST M-17-93-07																							
DESIGN/CONSTRUCTION																												
DESIGN/CONSTRUCTION	1AUG91A	21JUN94			[Bar]																							

Plot Date 24SEP93
Data Date 31AUG93
Project Start 10CT90
Project Finish 10FEB00

Activity Bar/Early Dates
Critical Activity
DOE-RL MAJOR MILESTONE
△ KEY MILESTONE
○ TPA MILESTONE

WESTINGHOUSE HANFORD COMPANY
242A EVAP/PUREX PLNT COND TRMT FAC
FY-94 COST ACCOUNT SUMMARY SCHEDULE

Sheet 3 of 3
DRAWN BY: JL JORDHEIM 3-1229

Date	Revision	Checked	Approved

(c) Primavera Systems, Inc.

ACTIVITY DESCRIPTION	EARLY START	EARLY FINISH	MIL#	MILE	FY94											
					O	N	D	J	F	M	A	M	J	J	A	S
340 FACILITY																
340 FACILITY OPERATIONS	10CT93	30SEP94														
307 MAINTENANCE ACTIVITIES																
SUPPORT TO 307 MAINTENANCE	10CT93	30SEP94														
PROJECTS																
340 FAC. -307 BASIN UPGRADE/MAINTENANCE PROJECTS	1JUL93A	29DEC95														

Plot Date 29SEP93 Data Date 15SEP93 Project Start 1AUG90 Project Finish 31JAN95		3402 WESTINGHOUSE HANFORD COMPANY 340 FACILITY/307 BASIN OPERATIONS FYWP ACTIVITIES--FY94	Sheet 1 of 1 DRAWN BY STEVE SANBORN 373-3294
		Date Revision Checked Approved	Date Revision Checked Approved

(c) Primavera Systems, Inc.

ACTIVITY DESCRIPTION	EARLY START	EARLY FINISH	MIL#	MILE	FY94											
					O	N	D	J	F	M	A	M	J	J	A	S
L-045H ADMINISTRATION/PROGRAM MANAGEMENT																
PROGRAM MANAGEMENT AND ADMINISTRATION--L-045H	10CT93	30SEP94														
WATER PERMITTING L-045H																
PERMITTING SUPPORT--L-045H	11JUN92A	30SEP94														
PROCESS ENGINEERING SUPPORT L-045H																
300 A LIQUID EFFLUENT PROCESS ENGINEERING	2AUG93A	16DEC94														
ISSUE FINAL DRAFT OPERATING PROCEDURES		11MAR94	LEP-94-011	KEY	Δ											
L-045H FSAR ISSUED		04MAR94	LEP-94-012	KEY	Δ											
CONSTRUCTION																
PROJECTS--CONSTRUCTION L-045H	10CT92A	19AUG94														
OPERATOR TRAINING																
OPERATOR TRAINING--L-045H	10CT92A	31JAN95														
READINESS REVIEW/START-UP																
TEDF OPERATIONS/START-UP--L-045H	1SEP93	30DEC94														
ACQUIRE AND TRAIN OPS TO SUPPORT OTP AND STARTUP		30SEP94	LEP-94-014	KEY	Δ											
WHC APPROVE PLANT READINESS PLAN COMPLETE		3JAN94	LEP-94-013	KEY	Δ											
CITY OF RICHLAND (POTW) OPTION--L-045H																
PUBLICLY OWNED TREATMENT WORKS (POTW)--L-045H	4JAN93A	23MAY96														

Plot Date 27SEP93	<div style="display: flex; align-items: center;"> <div style="width: 10px; height: 10px; border: 1px solid black; margin-right: 5px;"></div> <div>Activity Start/Early Status</div> </div> <div style="display: flex; align-items: center;"> <div style="width: 10px; height: 10px; border: 1px solid black; margin-right: 5px;"></div> <div>Activity Start/Program Bar</div> </div> <div style="display: flex; align-items: center;"> <div style="width: 10px; height: 10px; border: 1px solid black; margin-right: 5px;"></div> <div>Activity Start/Program Bar</div> </div> <div style="display: flex; align-items: center;"> <div style="width: 10px; height: 10px; border: 1px solid black; margin-right: 5px;"></div> <div>Activity Start/Program Bar</div> </div>	<div style="display: flex; align-items: center;"> <div style="width: 10px; height: 10px; border: 1px solid black; margin-right: 5px;"></div> <div>Activity Start/Program Bar</div> </div> <div style="display: flex; align-items: center;"> <div style="width: 10px; height: 10px; border: 1px solid black; margin-right: 5px;"></div> <div>Activity Start/Program Bar</div> </div>	
Date Date 31AUG93			
Project Start 1AUG90			
Project Finish 31JAN95			

(c) Primavera Systems, Inc.

WESTINGHOUSE HANFORD COMPANY

300A TREATED EFFLUENT DISP. FACILITY

L-045H FYWP ACTIVITIES--FY94

Sheet 1 of 1

DRAWN BY STEVE SANBORN 3-3294

Date	Revision	Checked	Approved

WESTINGHOUSE
HANFORD COMPANY

PROJECTS DEPARTMENT

PROJECT W-291

200 AREAS EFFLUENT BAT/AKART IMPLEMENTATION

REV. 1

PREPARATION FOR DESIGN

DEFINITIVE DESIGN

PROCUREMENT

CONSTRUCTION

OPERATIONS

A NATIONAL ASSET

CA/WBS: 1A2110 LEP PROGRAM MANAGEMENT Funding Source: 1994 EXPENSE Cap Rev: 02 Cin: SU94REP3 Start Completion
 CA Manager: DILIBERTO, AJ CAP Orig Date : 11/12/93 Budget (K\$): 1574.0 Date Date
 Resp Org: 86100 EFFLUENT TREATMENT PROGRAMS Budget Analyst: G2 - ALLENDER, CM Phone: 2-2603 10/01/93 09/30/94
 GL Index: RBY B & R Number: EW3130020 B & R Title: RICHLAND SOLID/LIQUID WASTE CAP STATUS: R

WORK PACKAGE: 1A211001 PROGRAM OFFICE SUPPORT Scope of Work: Revision No: 02
 Resp Org: 86100 EFFLUENT TREATMENT PROGRAMS PROVIDE PROGRAM MANAGEMENT SUPPORT TO LIQUID WASTE DISPOSAL Date: 12/02/93
 CAP STATUS: R

Task: 1A21100101 A2111 PROGRAM MANAGEMENT Scope of Work: Revision No: 02
 Performing Org: 86100 EFFLUENT TREATMENT PROGRAMS PROVIDE PROGRAM MANAGEMENT Date: 12/02/93
 E V Method: 4 LEVEL OF EFFORT METHOD Cin Num: SU94REP3
 Parent WBS: CAP STATUS: R
 Approved By: ----- KELLEY, DE 2-3282 Date: / /

Cost Elements:

Fiscal Year: 1994		Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Total
00 NON-EXEMPT	Staff	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
	Hrs	156	133	129	172	143	149	146	184	138	161	141	175	1827
	\$	2.5	2.1	2.0	2.7	2.3	2.4	2.3	2.9	2.2	2.5	2.2	2.8	28.9
01 EXEMPT	Staff	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
	Hrs	156	133	129	172	143	149	146	184	138	161	141	175	1827
	\$	6.3	5.4	5.1	6.9	5.7	5.9	5.8	7.3	5.5	6.4	5.6	7.0	73.0
19 COMPUTER-HAR	\$	0.0	0.0	6.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	6.0
2L TRAINING-ONS	\$	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	5.0
2M TRAINING-OFF	\$	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	6.0
2T TRAVEL & LIV	\$	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	20.0
21 PO CONTRACTS	\$	19.8	19.8	19.8	19.8	19.8	19.8	19.8	19.8	19.8	19.8	19.8	19.8	237.0
4C MPR	\$	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	35.0
7C ORG OVERHEAD		1.8	1.5	1.4	1.9	1.6	1.7	1.6	2.0	1.5	1.8	1.6	1.9	20.4
Total BCWS	Staff	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0
	Hrs	312	266	258	344	286	298	292	368	276	322	282	350	3654
	\$	35.8	34.3	39.9	36.7	34.8	35.2	35.0	37.5	34.5	36.0	34.7	36.9	431.3

Total BCWP: -----

Task: 1A21100102 A2112 PROGRAM SUPPORT Scope of Work: Revision No: 02
 Performing Org: 86100 EFFLUENT TREATMENT PROGRAMS PROGRAM SUPPORT TO THE LEP PROGRAM OFFICE Date: 12/02/93
 E V Method: 4 LEVEL OF EFFORT METHOD Cin Num: SU94REP3
 Parent WBS: CAP STATUS: R
 Approved By: ----- KELLEY, DE 2-3282 Date: / /

Cost Elements:

Fiscal Year: 1994		Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Total
01 EXEMPT	Staff	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0
	Hrs	312	266	258	344	286	298	292	368	276	322	282	350	3654
	\$	12.6	10.8	10.3	13.7	11.4	11.9	11.6	14.7	11.0	12.8	11.2	13.9	146.0
7C ORG OVERHEAD		2.5	2.2	2.1	2.7	2.3	2.4	2.3	2.9	2.2	2.6	2.2	2.8	29.2
Total BCWS	Staff	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0
	Hrs	312	266	258	344	286	298	292	368	276	322	282	350	3654
	\$	15.2	12.9	12.3	16.5	13.7	14.3	14.0	17.6	13.2	15.4	13.5	16.7	175.2

Total BCWP:

Task: 1A21100103 A2113 PROGRAM CONTROL
Performing Org: 86100 EFFLUENT TREATMENT PROGRAMS
E V Method: 4 LEVEL OF EFFORT METHOD
Parent WBS:

Scope of Work:
PROGRAM CONTROL

Revision No: 02
Date: 12/02/93
Cin Num: SU94REP3
CAP STATUS: R

Approved By: ----- KELLEY, DE 2-3282 Date: / /

Cost Elements:

Fiscal Year: 1994		Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Total
01 EXEMPT	Staff	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0
	Hrs	468	399	387	516	429	447	438	552	414	483	423	525	5481
	\$	18.9	16.1	15.4	20.6	17.1	17.8	17.5	22.0	16.5	19.2	16.9	20.9	219.0
7C ORG OVERHEAD		3.8	3.2	3.1	4.1	3.4	3.6	3.5	4.4	3.3	3.9	3.4	4.2	43.8
Total BCWS	Staff	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0
	Hrs	468	399	387	516	429	447	438	552	414	483	423	525	5481
	\$	22.7	19.4	18.5	24.7	20.5	21.4	20.9	26.4	19.8	23.1	20.2	25.1	262.7

Total BCWP:

Task: 1A21100104 A2114 PROGRAM SCHEDULING
Performing Org: 86100 EFFLUENT TREATMENT PROGRAMS
E V Method: 4 LEVEL OF EFFORT METHOD
Parent WBS:

Scope of Work:
PROVIDE PROGRAM SCHEDULING SUPPORT

Revision No: 02
Date: 12/02/93
Cin Num: SU94REP3
CAP STATUS: R

Approved By: ----- KELLEY, DE 2-3282 Date: / /

Cost Elements:

[illegible]

Hrs	468	399	387	516	429	447	438	552	414	483	423	525	5481
\$	22.7	19.4	18.5	43.2	40.0	40.9	20.9	26.4	19.8	23.1	20.2	25.1	320.2

Total BCWP:

Total Wp		Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Total
Staff		1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
00 NON-EXEMPT	Hrs	156	133	129	172	143	149	146	184	138	161	141	175	1827
	\$	2.5	2.1	2.0	2.7	2.3	2.4	2.3	2.9	2.2	2.5	2.2	2.8	28.9
Staff		9.0	9.0	9.0	9.0	9.0	9.0	9.0	9.0	9.0	9.0	9.0	9.0	9.0
01 EXEMPT	Hrs	1404	1197	1161	1548	1287	1341	1314	1656	1242	1449	1269	1575	16443
	\$	56.8	48.4	46.3	61.7	51.3	53.4	52.4	66.0	49.5	57.7	50.6	62.8	656.9
19 COMPUTER-HAR	\$	0.0	0.0	6.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	6.0
2L TRAINING-ONS	\$	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	5.0
2M TRAINING-OFF	\$	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	6.0
2T TRAVEL & LIV	\$	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	20.0
21 PO CONTRACTS	\$	19.8	19.8	19.8	35.8	36.8	36.8	19.8	19.8	19.8	19.8	19.8	19.8	287.0
4C MPR	\$	2.9	2.9	2.9	5.4	5.4	5.4	2.9	2.9	2.9	2.9	2.9	2.9	42.5
7C ORG OVERHEAD		11.9	10.1	9.7	12.9	10.7	11.2	10.9	13.8	10.3	12.1	10.6	13.1	137.2
Total BCWS	Staff	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0
	Hrs	1560	1330	1290	1720	1430	1490	1460	1840	1380	1610	1410	1750	18270
	\$	96.4	85.9	89.2	121.0	109.0	111.7	90.9	107.9	87.3	97.6	88.6	103.9	1189.4

WORK PACKAGE: 1A211002 OTHER SUPPORT

Resp Org: 86100 EFFLUENT TREATMENT PROGRAMS

Scope of Work:

PROVIDE ADMINISTRATIVE SUPPORT TO THE LIQUID
WASTE DISPOSAL ORGANIZATION; PROVIDE FOR READINESS
REVIEW ACTIVITIES

Revision No: 02

Date: 12/02/93

CAP STATUS: R

Task: 1A21100201 A2115 ADMINISTRATIVE SUPPORT

Performing Org: 86000 LIQUID WASTE DISPOSAL

E V Method: 4 LEVEL OF EFFORT METHOD

Parent WBS:

Approved By: ----- VENEZIANO, TB

Scope of Work:

PROVIDE REQUIREMENTS MATRIX, ADMIN PROCEDURES,
SELF ASSESSMENT AND ACTION TRACKING

Revision No: 02

Date: 12/02/93

Cin Num: SU94REP3

CAP STATUS: R

6-7898 Date: / /

Cost Elements:

Fiscal Year: 1994		Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Total
Staff		1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8
01 EXEMPT	Hrs	281	239	232	310	257	268	263	331	248	290	254	315	3288
	\$	11.4	9.7	9.2	12.4	10.2	10.7	10.5	13.2	9.9	11.6	10.1	12.6	131.3
7C ORG OVERHEAD		2.3	1.9	1.8	2.5	2.0	2.1	2.1	2.6	2.0	2.3	2.0	2.5	26.3
Total BCWS	Staff	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8
	Hrs	281	239	232	310	257	268	263	331	248	290	254	315	3288

\$ 13.6 11.6 11.1 14.8 12.3 12.8 12.6 15.8 11.9 13.9 12.1 15.1 157.6

Total BCWP: -----

Task: 1A21100202 A2116 READINESS REVIEW

Scope of Work:

Revision No: 02

Performing Org: 8A000 ERM TRANSITION

READINESS REVIEW SUPPORT FOR LEP

Date: 12/02/93

E V Method: 4 LEVEL OF EFFORT METHOD

Cin Num: SU94REP3

Parent WBS:

CAP STATUS: R

Approved By: ----- BROWN, LC

6-2579 Date: / /

Cost Elements:

Fiscal Year: 1994		Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Total
00 NON-EXEMPT	Staff	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
	Hrs	156	133	129	172	143	149	146	184	138	161	141	175	1827
	\$	3.3	2.8	2.7	3.6	3.0	3.1	3.1	3.9	2.9	3.4	3.0	3.7	38.5
01 EXEMPT	Staff	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
	Hrs	156	133	129	172	143	149	146	184	138	161	141	175	1827
	\$	10.7	9.1	8.7	11.7	9.7	10.1	9.9	12.5	9.3	10.9	9.6	11.9	124.1
7C ORG OVERHEAD		4.2	3.6	3.4	4.6	3.8	4.0	3.9	4.9	3.7	4.3	3.8	4.7	48.8
Total BCWS	Staff	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0
	Hrs	312	266	258	344	286	298	292	368	276	322	282	350	3654
	\$	18.3	15.6	14.9	19.8	16.5	17.2	16.8	21.2	15.9	18.6	16.3	20.2	211.4

Total BCWP: -----

Total Wp		Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Total
00 NON-EXEMPT	Staff	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
	Hrs	156	133	129	172	143	149	146	184	138	161	141	175	1827
	\$	3.3	2.8	2.7	3.6	3.0	3.1	3.1	3.9	2.9	3.4	3.0	3.7	38.5
01 EXEMPT	Staff	2.8	2.8	2.8	2.8	2.8	2.8	2.8	2.8	2.8	2.8	2.8	2.8	2.8
	Hrs	437	372	361	482	400	417	409	515	386	451	395	490	5115
	\$	22.1	18.8	18.0	24.0	19.9	20.8	20.4	25.7	19.2	22.5	19.7	24.4	255.4
7C ORG OVERHEAD		6.5	5.5	5.3	7.1	5.9	6.1	6.0	7.5	5.7	6.6	5.8	7.2	75.0
Total BCWS	Staff	3.8	3.8	3.8	3.8	3.8	3.8	3.8	3.8	3.8	3.8	3.8	3.8	3.8
	Hrs	593	505	490	654	543	566	555	699	524	612	536	665	6942
	\$	31.9	27.2	26.0	34.7	28.8	30.0	29.4	37.1	27.8	32.4	28.4	35.3	369.0

Total CAP		Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Total
00 NON-EXEMPT	Staff	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0
	Hrs	312	266	258	344	286	298	292	368	276	322	282	350	3654
	\$	5.8	5.0	4.7	6.3	5.3	5.5	5.4	6.8	5.1	5.9	5.2	6.4	67.4
01 EXEMPT	Staff	11.8	11.8	11.8	11.8	11.8	11.8	11.8	11.8	11.8	11.8	11.8	11.8	11.8
	Hrs	1841	1569	1522	2030	1687	1758	1723	2171	1628	1900	1664	2065	21558
	\$	78.9	67.3	64.3	85.7	71.2	74.2	72.7	91.7	68.7	80.2	70.2	87.2	912.3

19 COMPUTER-HAR	\$	0.0	0.0	6.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	6.0
2L TRAINING-ONS	\$	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	5.0
2M TRAINING-OFF	\$	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	6.0
2T TRAVEL & LIV	\$	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	20.0
21 PO CONTRACTS	\$	19.8	19.8	19.8	35.8	36.8	36.8	19.8	19.8	19.8	19.8	19.8	19.8	287.0
4C MPR	\$	2.9	2.9	2.9	5.4	5.4	5.4	2.9	2.9	2.9	2.9	2.9	2.9	42.5
7C ORG OVERHEAD		18.4	15.6	14.9	19.9	16.6	17.3	16.9	21.3	16.0	18.7	16.3	20.3	212.2
Total BCWS Staff		13.8	13.8	13.8	13.8	13.8	13.8	13.8	13.8	13.8	13.8	13.8	13.8	13.8
Hrs		2153	1835	1780	2374	1973	2056	2015	2539	1904	2222	1946	2415	25212
\$		128.3	113.1	115.2	155.7	137.8	141.7	120.3	145.0	115.0	130.0	117.0	139.1	1558.4
Total GA/CSP		32.7	28.8	29.4	39.7	35.1	36.1	30.7	37.0	29.3	33.2	29.8	35.5	397.4
Total with GA/CSP		161.1	142.0	144.6	195.4	172.9	177.9	151.0	182.0	144.4	163.2	146.9	174.6	1955.8

Approval Signatures:

Function Mgr:

/ /

Cap Status

Budgets:

/ /

PBR/SCH:

/ /

R

C.A. Mgr:

/ /

Activity Mgr:

/ /

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3 of 4

CA/WBS: 1A2120 WSCF Funding Source: 1994 EXPENSE Cap Rev: 02 Cin: SU94REP3 Start Completion
 CA Manager: KESSNER, JH CAP Orig Date : 11/12/93 Budget (K\$): 542.1 Date Date
 Resp Org: 12550 ANALYTICAL LABORATORY COORDINA Budget Analyst: J1 - MAINE, DR Phone: 3-7176 10/01/93 09/30/94
 GL Index: RBY B & R Number: EW3130020 B & R Title: RICHLAND SOLID/LIQUID WASTE CAP STATUS: R

WORK PACKAGE: 1A212001 C-018 HASM SUPPORT Scope of Work: Revision No: 02
 Resp Org: 12550 ANALYTICAL LABORATORY COORDINA C-018 HASM SUPPORT Date: 12/02/93

CAP STATUS: R

Task: 1A21200101 A2BC1 C-018 HASM SUPPORT Scope of Work: Revision No: 02
 Performing Org: 12550 ANALYTICAL LABORATORY COORDINA C-018 HASM SUPPORT Date: 12/02/93
 E V Method: 4 LEVEL OF EFFORT METHOD Cin Num: SU94REP3
 Parent WBS: CAP STATUS: R
 Approved By: ----- KESSNER, JH 2-2586 Date: / /

Cost Elements:

Fiscal Year: 1994	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Total
Staff	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5
01 EXEMPT Hrs	78	67	65	86	72	75	73	92	69	81	71	88	917
\$	2.6	2.3	2.2	2.9	2.4	2.5	2.4	3.1	2.3	2.7	2.4	2.9	30.7
7C ORG OVERHEAD	0.6	0.6	0.5	0.7	0.6	0.6	0.6	0.8	0.6	0.7	0.6	0.7	7.5
Total BCWS Staff	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5
Hrs	78	67	65	86	72	75	73	92	69	81	71	88	917
\$	3.3	2.8	2.7	3.6	3.0	3.1	3.0	3.8	2.9	3.4	3.0	3.7	38.3

Total BCWP:

Total Wp	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Total
Staff	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5
01 EXEMPT Hrs	78	67	65	86	72	75	73	92	69	81	71	88	917
\$	2.6	2.3	2.2	2.9	2.4	2.5	2.4	3.1	2.3	2.7	2.4	2.9	30.7
7C ORG OVERHEAD	0.6	0.6	0.5	0.7	0.6	0.6	0.6	0.8	0.6	0.7	0.6	0.7	7.5
Total BCWS Staff	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5
Hrs	78	67	65	86	72	75	73	92	69	81	71	88	917
\$	3.3	2.8	2.7	3.6	3.0	3.1	3.0	3.8	2.9	3.4	3.0	3.7	38.3

WORK PACKAGE: 1A212003 C-018 ANALYTICAL SUPPORT Scope of Work: Revision No: 02
 Resp Org: 12W00 WSCF ANALYTICAL OPERATIONS C-018 ANALYTICAL SUPPORT Date: 12/02/93

CAP STATUS: R

Task: 1A21200301 A2BC2 C-018 ANALYTICAL SUPPORT Scope of Work: Revision No: 02
 Performing Org: 12W00 WSCF ANALYTICAL OPERATIONS C-018 ANALYTICAL SUPPORT Date: 12/02/93
 V Method: 4 LEVEL OF EFFORT METHOD Cin Num: SU94REP3
 Parent WBS: CAP STATUS: R
 Approved By: ----- GRABBE, RR 3-7185 Date: / /

Cost Elements:

Fiscal Year: 1994		Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Total
01 EXEMPT	Staff	0.0	0.0	0.0	0.0	0.0	0.0	0.0	7.5	7.5	7.5	7.5	7.5	3.1
	Hrs	0	0	0	0	0	0	0	1380	1035	1208	1058	1313	5994
	\$	0.0	0.0	0.0	0.0	0.0	0.0	0.0	49.8	37.4	43.6	38.2	47.4	216.5
06 BARGAINING U	Staff	0.0	0.0	0.0	0.0	0.0	0.0	0.0	4.0	4.0	4.0	4.0	4.0	1.7
	Hrs	0	0	0	0	0	0	0	736	552	644	564	700	3196
	\$	0.0	0.0	0.0	0.0	0.0	0.0	0.0	20.6	15.4	18.0	15.8	19.6	89.3
7C ORG OVERHEAD		0.0	0.0	0.0	0.0	0.0	0.0	0.0	17.3	12.9	15.1	13.2	16.4	74.9
Total BCWS	Staff	0.0	0.0	0.0	0.0	0.0	0.0	0.0	11.5	11.5	11.5	11.5	11.5	4.8
	Hrs	0	0	0	0	0	0	0	2116	1587	1852	1622	2013	9190
	\$	0.0	0.0	0.0	0.0	0.0	0.0	0.0	87.7	65.7	76.7	67.2	83.4	380.7

Total BCWP:

Total Wp		Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Total
01 EXEMPT	Staff	0.0	0.0	0.0	0.0	0.0	0.0	0.0	7.5	7.5	7.5	7.5	7.5	3.1
	Hrs	0	0	0	0	0	0	0	1380	1035	1208	1058	1313	5994
	\$	0.0	0.0	0.0	0.0	0.0	0.0	0.0	49.8	37.4	43.6	38.2	47.4	216.5
06 BARGAINING U	Staff	0.0	0.0	0.0	0.0	0.0	0.0	0.0	4.0	4.0	4.0	4.0	4.0	1.7
	Hrs	0	0	0	0	0	0	0	736	552	644	564	700	3196
	\$	0.0	0.0	0.0	0.0	0.0	0.0	0.0	20.6	15.4	18.0	15.8	19.6	89.3
7C ORG OVERHEAD		0.0	0.0	0.0	0.0	0.0	0.0	0.0	17.3	12.9	15.1	13.2	16.4	74.9
Total BCWS	Staff	0.0	0.0	0.0	0.0	0.0	0.0	0.0	11.5	11.5	11.5	11.5	11.5	4.8
	Hrs	0	0	0	0	0	0	0	2116	1587	1852	1622	2013	9190
	\$	0.0	0.0	0.0	0.0	0.0	0.0	0.0	87.7	65.7	76.7	67.2	83.4	380.7

Total CAP		Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Total
01 EXEMPT	Staff	0.5	0.5	0.5	0.5	0.5	0.5	0.5	8.0	8.0	8.0	8.0	8.0	3.6
	Hrs	78	67	65	86	72	75	73	1472	1104	1289	1129	1401	6911
	\$	2.6	2.3	2.2	2.9	2.4	2.5	2.4	52.9	39.7	46.3	40.6	50.4	247.2
06 BARGAINING U	Staff	0.0	0.0	0.0	0.0	0.0	0.0	0.0	4.0	4.0	4.0	4.0	4.0	1.7
	Hrs	0	0	0	0	0	0	0	736	552	644	564	700	3196
	\$	0.0	0.0	0.0	0.0	0.0	0.0	0.0	20.6	15.4	18.0	15.8	19.6	89.3
7C ORG OVERHEAD		0.6	0.6	0.5	0.7	0.6	0.6	0.6	18.0	13.5	15.8	13.8	17.1	82.5
Total BCWS	Staff	0.5	0.5	0.5	0.5	0.5	0.5	0.5	12.0	12.0	12.0	12.0	12.0	5.3
	Hrs	78	67	65	86	72	75	73	2208	1656	1933	1693	2101	10107
	\$	3.3	2.8	2.7	3.6	3.0	3.1	3.0	91.5	68.6	80.1	70.2	87.1	419.0
Total GA/CSP		0.8	0.7	0.7	0.9	0.8	0.8	0.8	23.3	17.5	20.4	17.9	22.2	106.8
Total with GA/CSP		4.1	3.6	3.4	4.5	3.8	3.9	3.8	114.8	86.1	100.5	88.0	109.3	525.8

Approval Signatures:

Function Mgr:

/ /

Cap Status

Budgets:

/ /

PBR/SCH:

/ /

R

C.A. Mgr:

/ /

Activity Mgr:

/ /

CA/WBS: 1A2130 LERF OPERATIONS Funding Source: 1994 EXPENSE Cap Rev: 01 Cin: SU94REP3 Start Completion
CA Manager: ROSS, WE CAP Orig Date : 11/12/93 Budget (K\$): 1135.0 Date Date
Resp Org: 7C100 FACILITY OPERATIONS Budget Analyst: G7 - THOMAS, JS Phone: 3-3474 10/01/93 09/30/94
GL Index: RBY B & R Number: EW3130020 B & R Title: RICHLAND SOLID/LIQUID WASTE CAP STATUS: R

WORK PACKAGE: 1A21300A LERF OPERATIONS Scope of Work: Revision No: 01
Resp Org: 7C241 WASTE TREATMENT PROVIDE OPERATIONS, HEALTH PHYSICS, ENGINEERING & Date: 12/02/93
MAINT. SUPPORT TO LERF OPERATIONS. TO INCLUDE MISC
WORK ORDER, SAMP., LAB, AND HERB.SPRAYING SUPPORT CAP STATUS: R

Task: 1A21300A01 A2T97 LERF OPERATIONS Scope of Work: Revision No: 01
Performing Org: 7C241 WASTE TREATMENT PROVIDE ENGINEERING SUPPORT TO LERF OPERATIONS Date: 12/02/93
E V Method: 2 PERCENT COMPLETE METHOD Cin Num: SU94REP3
Parent WBS: CAP STATUS: R
Approved By: ----- NICKLAS, RJ 3-2862 Date: / /

Cost Elements:

Fiscal Year: 1994	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Total
Staff	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
00 NON-EXEMPT Hrs	16	13	13	17	14	15	15	18	14	16	14	18	183
\$	0.3	0.2	0.2	0.3	0.2	0.2	0.2	0.3	0.2	0.3	0.2	0.3	2.9
Staff	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5
01 EXEMPT Hrs	234	200	194	258	215	224	219	276	207	242	212	263	2744
\$	9.4	8.1	7.7	10.3	8.5	8.9	8.7	11.0	8.2	9.6	8.4	10.5	109.3
3D PNL \$	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	10.0	10.0
7C ORG OVERHEAD	1.8	1.5	1.5	1.9	1.6	1.7	1.7	2.1	1.6	1.8	1.6	2.0	20.8
Total BCWS Staff	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6
Hrs	250	213	207	275	229	239	234	294	221	258	226	281	2927
\$	11.5	9.8	9.4	12.5	10.4	10.8	10.6	13.3	10.0	11.7	10.2	22.7	143.0

Total BCWP: -----

Task: 1A21300A02 A2T96 LERF OPERATIONS Scope of Work: Revision No: 01
Performing Org: 33300 TANK WASTE REMEDIATION HP PROVIDE HEALTH PHYSICS SUPPORT TO LERF OPERATIONS Date: 12/02/93
E V Method: 2 PERCENT COMPLETE METHOD Cin Num: SU94REP3
Parent WBS: CAP STATUS: R
Approved By: ----- LUECK, BH 2-2491 Date: / /

Cost Elements:

Fiscal Year: 1994	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Total
Staff	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
01 EXEMPT Hrs	4	4	4	4	4	4	4	4	4	4	4	4	48
\$	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	1.7
Staff	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
BARGAINING U Hrs	31	27	26	34	29	30	29	37	28	32	28	35	366
\$	0.9	0.8	0.7	1.0	0.8	0.8	0.8	1.1	0.8	0.9	0.8	1.0	10.4
7C ORG OVERHEAD	0.4	0.3	0.3	0.4	0.4	0.4	0.4	0.5	0.4	0.4	0.4	0.4	4.6

Total BCWS	Staff	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
	Hrs	35	31	30	38	33	34	33	41	32	36	32	39	414
	\$	1.4	1.3	1.2	1.5	1.3	1.4	1.3	1.7	1.3	1.5	1.3	1.6	16.7

Total BCWP: -----

Task: 1A21300A03 A2T95 LERF OPERATIONS

Scope of Work:

Revision No: 01

Performing Org: 7C810 SHIFT MANAGERS

PROVIDE WORK ORDER SUPPORT TO LERF OPERATIONS

Date: 12/02/93

E V Method: 2 PERCENT COMPLETE METHOD

INCLUDES BASIN PUMPING, KEH SUPPORT, & MISC.

Cin Num: SU94REP3

Parent WBS:

WORK ORDERS.

CAP STATUS: R

Approved By: ----- ROSS, WE

3-4565 Date: / /

Cost Elements:

Fiscal Year: 1994		Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Total
2B UNDIST BUDGE	\$	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	37.8	37.8
3R KAISER	\$	10.0	10.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	20.0
7C ORG OVERHEAD		0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Total BCWS	Staff	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	Hrs	0	0	0	0	0	0	0	0	0	0	0	0	0
	\$	10.0	10.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	37.8	57.8

Total BCWP: -----

Task: 1A21300A04 A2T94 LERF OPERATIONS

Scope of Work:

Revision No: 01

Performing Org: 7C810 SHIFT MANAGERS

PROVIDE OPERATIONS SUPPORT TO LERF OPERATIONS

Date: 12/02/93

E V Method: 2 PERCENT COMPLETE METHOD

Cin Num: SU94REP3

Parent WBS:

CAP STATUS: R

Approved By: ----- ROSS, WE

3-4565 Date: / /

Cost Elements:

Fiscal Year: 1994		Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Total
01 EXEMPT	Staff	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
	Hrs	31	27	26	34	29	30	29	37	28	32	28	35	366
	\$	1.3	1.1	1.0	1.4	1.2	1.2	1.2	1.5	1.1	1.3	1.1	1.4	14.6
06 BARGAINING U	Staff	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2
	Hrs	187	160	155	206	172	179	175	221	166	193	169	210	2193
	\$	5.7	4.8	4.6	6.1	5.1	5.3	5.4	6.8	5.1	5.9	5.2	6.4	66.6
10 MATL & EQUIP	\$	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	2.4
4C MPR	\$	0.0	0.0	0.1	0.0	0.0	0.1	0.0	0.1	0.0	0.0	0.0	0.1	0.4
7C ORG OVERHEAD		1.3	1.1	1.0	1.4	1.2	1.2	1.2	1.5	1.1	1.3	1.2	1.5	15.0
Total BCWS	Staff	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4
	Hrs	218	187	181	240	201	209	204	258	194	225	197	245	2559
	\$	8.4	7.2	7.0	9.1	7.6	8.0	7.9	10.1	7.6	8.7	7.7	9.6	98.9

Total BCWP: -----

Task: 1A21300A05 A2T93 LERF OPERATIONS

Performing Org: 7CC20 MAINTENANCE TECHNICAL SERVICES

E V Method: 2 PERCENT COMPLETE METHOD

Parent WBS:

Approved By: ----- LARSON, DD

Scope of Work:

PROVIDE MAINTENANCE SUPPORT TO LERF OPERATIONS

Revision No: 01

Date: 12/02/93

Cin Num: SU94REP3

CAP STATUS: R

3-3048 Date: / /

Cost Elements:

Fiscal Year: 1994	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Total
Staff	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4
01 EXEMPT Hrs	62	53	52	69	57	60	58	74	55	64	56	70	730
\$	2.5	2.1	2.1	2.7	2.3	2.4	2.3	2.9	2.2	2.5	2.2	2.8	29.1
Staff	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2
06 BARGAINING U Hrs	187	160	155	206	172	179	175	221	166	193	169	210	2193
\$	5.7	4.8	4.6	6.1	5.1	5.3	5.4	6.8	5.1	5.9	5.2	6.4	66.6
10 MATL & EQUIP \$	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	6.0
4C MPR \$	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	1.2
7C ORG OVERHEAD	1.5	1.3	1.2	1.6	1.4	1.4	1.4	1.8	1.3	1.6	1.4	1.7	17.7
Total BCWS Staff	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6
Hrs	249	213	207	275	229	239	233	295	221	257	225	280	2923
\$	10.3	8.9	8.5	11.1	9.4	9.8	9.7	12.1	9.2	10.6	9.4	11.5	120.5

Total BCWP: -----

Task: 1A21300A06 A2T92 LERF OPERATIONS

Performing Org: 12500 HANFORD ANALYTICAL SERVCS MGMT

E V Method: 2 PERCENT COMPLETE METHOD

Parent WBS:

Approved By: ----- MOOERS, GC

Scope of Work:

PROVIDE SAMPLING AND MOBIL LAB SUPPORT FOR LERF FACILITY. PROCESS 24 SAMPLES FOR THE ONE FY94 SAMPLING EVENTS.

Revision No: 01

Date: 12/02/93

Cin Num: SU94REP3

CAP STATUS: R

2-2576 Date: / /

Cost Elements:

Fiscal Year: 1994	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Total
2B UNDIST BUDGE \$	16.2	13.8	13.4	17.9	14.9	15.5	15.2	19.1	14.4	16.7	14.7	18.2	190.0
7C ORG OVERHEAD	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Total BCWS Staff	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Hrs	0	0	0	0	0	0	0	0	0	0	0	0	0
\$	16.2	13.8	13.4	17.9	14.9	15.5	15.2	19.1	14.4	16.7	14.7	18.2	190.0

Total BCWP: -----

Task: 1A21300A07 A2T15 LERF HERBICIDE SPRAYING

Performing Org: 81720 ENV/HEALTH/PESTICIDE SERVICES

E V Method: 4 LEVEL OF EFFORT METHOD

Parent WBS:

Approved By: ----- HOBBS, BJ

Scope of Work:

ISSUE CONTRACT FOR NONSELECTIVE HERBICIDE SPRAYING OF LERF

Revision No: 01

Date: 12/02/93

Cin Num: SU94REP3

CAP STATUS: R

6-2935 Date: / /

Cost Elements:

Fiscal Year: 1994		Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Total
	Staff	0.1	0.0	0.0	0.0	0.0	0.1	0.1	0.0	0.1	0.0	0.0	0.0	0.0
01 EXEMPT	Hrs	8	0	0	0	0	8	8	8	8	0	0	0	40
	\$	0.3	0.0	0.0	0.0	0.0	0.3	0.3	0.3	0.3	0.0	0.0	0.0	1.4
10 MATL & EQUIP	\$	0.0	0.0	5.0	0.0	0.0	0.0	0.0	0.0	5.0	0.0	0.0	0.0	10.0
21 PO CONTRACTS	\$	0.0	0.0	0.0	0.0	0.0	0.0	3.0	0.0	0.0	0.0	0.0	0.0	3.0
4C MPR	\$	0.0	0.0	1.0	0.0	0.0	0.0	0.6	0.0	1.0	0.0	0.0	0.0	2.6
7C ORG OVERHEAD		0.1	0.0	0.0	0.0	0.0	0.1	0.1	0.1	0.1	0.0	0.0	0.0	0.5
Total BCWS	Staff	0.1	0.0	0.0	0.0	0.0	0.1	0.1	0.0	0.1	0.0	0.0	0.0	0.0
	Hrs	8	0	0	0	0	8	8	8	8	0	0	0	40
	\$	0.4	0.0	6.0	0.0	0.0	0.4	4.0	0.4	6.4	0.0	0.0	0.0	17.5

Total BCWP:

Total Wp		Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Total
	Staff	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
00 NON-EXEMPT	Hrs	16	13	13	17	14	15	15	18	14	16	14	18	183
	\$	0.3	0.2	0.2	0.3	0.2	0.2	0.2	0.3	0.2	0.3	0.2	0.3	2.9
	Staff	2.2	2.1	2.1	2.1	2.1	2.2	2.2	2.1	2.2	2.1	2.1	2.1	2.1
01 EXEMPT	Hrs	339	284	276	365	305	326	318	399	302	342	300	372	3928
	\$	13.6	11.4	11.0	14.5	12.1	12.9	12.6	15.8	12.0	13.6	11.9	14.8	156.1
	Staff	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6
06 BARGAINING U	Hrs	405	347	336	446	373	388	379	479	360	418	366	455	4752
	\$	12.2	10.5	10.0	13.2	11.1	11.5	11.6	14.6	11.0	12.8	11.2	13.9	143.5
10 MATL & EQUIP	\$	0.7	0.7	5.7	0.7	0.7	0.7	0.7	0.7	5.7	0.7	0.7	0.7	18.4
2B UNDIST BUDGE	\$	16.2	13.8	13.4	17.9	14.9	15.5	15.2	19.1	14.4	16.7	14.7	56.0	227.8
21 PO CONTRACTS	\$	0.0	0.0	0.0	0.0	0.0	0.0	3.0	0.0	0.0	0.0	0.0	0.0	3.0
3D PNL	\$	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	10.0	10.0
3R KAISER	\$	10.0	10.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	20.0
4C MPR	\$	0.1	0.1	1.2	0.1	0.1	0.2	0.7	0.2	1.1	0.1	0.1	0.2	4.2
7C ORG OVERHEAD		5.1	4.3	4.1	5.4	4.5	4.8	4.7	6.0	4.5	5.1	4.5	5.6	58.5
Total BCWS	Staff	4.9	4.8	4.8	4.8	4.8	4.9	4.9	4.8	4.9	4.8	4.8	4.8	4.8
	Hrs	760	644	625	828	692	729	712	896	676	776	680	845	8863
	\$	58.2	51.0	45.5	52.1	43.6	45.8	48.8	56.7	48.9	49.2	43.3	101.4	644.5

WORK PACKAGE: 1A21300C LERF ENV. PERMITTING
Resp Org: 88220 RCRA UNIT PERMITS

Scope of Work:
PROVIDE OPERATIONS ENGINEERING AND MAINTENANCE SUP
PORT TO LERF OPERATIONS

Revision No: 01
Date: 12/02/93

CAP STATUS: R

Task: 1A21300C02 A2T76 LERF ENV. PERMITTING
Performing Org: 88220 RCRA UNIT PERMITS
E V Method: 2 PERCENT COMPLETE METHOD
Parent WBS:

Scope of Work:
PREPARE & ISSUE LERF PART B, REV. 1

Revision No: 01
Date: 12/02/93
Cin Num: SU94REP3
CAP STATUS: R

Approved By: ----- BOWMAN, RC 6-4876 Date: / /

Milestones: Narrative

- 1 O 05/20/94 SUBMIT LERF PART B, REV. 1 TO ECOLOGY/EPA.
- 2 O 09/30/94 SUPPORT/RESOLVE LERF PART B PERMIT APPLICATION ISSUES THRU UNIT MGRS/TECHNICAL MEETINGS.

Cost Elements:

Fiscal Year: 1994		Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Total
00 NON-EXEMPT	Staff	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
	Hrs	10	10	10	10	10	10	10	10	10	10	10	10	120
	\$	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	1.8
1 EXEMPT	Staff	1.2	1.4	1.1	1.0	1.3	1.2	1.2	1.0	0.3	0.2	0.3	0.2	0.9
	Hrs	180	180	140	180	180	180	180	180	40	40	40	40	1560
	\$	6.5	6.5	5.0	6.4	6.4	6.4	6.4	6.4	1.4	1.4	1.4	1.4	55.8
14 OFFICE SUPPL	\$	0.1	0.0	0.1	0.0	0.1	0.1	0.1	0.0	0.0	0.0	0.0	0.0	0.5
2L TRAINING-ONS	\$	0.0	0.4	0.0	0.4	0.0	0.4	0.0	0.4	0.0	0.4	0.0	0.4	2.4
2M TRAINING-OFF	\$	0.3	0.0	0.3	0.0	0.3	0.0	0.3	0.0	0.3	0.0	0.3	0.0	1.8
2T TRAVEL & LIV	\$	0.0	0.0	0.0	0.5	0.0	0.5	0.0	0.0	0.5	0.0	0.5	0.0	2.0
3R KAISER	\$	3.0	2.0	1.0	2.0	0.0	0.0	1.0	1.0	0.0	0.0	0.0	0.0	10.0
6P INFO SERVICE	\$	1.0	1.0	2.0	3.0	0.5	1.0	1.0	2.0	0.0	0.0	0.0	0.0	11.5
7C ORG OVERHEAD		2.1	2.1	1.6	2.1	2.1	2.1	2.1	2.1	0.5	0.5	0.5	0.5	18.4
Total BCWS	Staff	1.3	1.5	1.2	1.1	1.4	1.3	1.3	1.1	0.4	0.3	0.4	0.3	1.0
	Hrs	190	190	150	190	190	190	190	190	50	50	50	50	1680
	\$	13.2	12.2	10.2	14.6	9.6	10.7	11.1	12.1	2.9	2.5	2.9	2.5	104.2

Total BCWP: -----

Task: 1A21300C03 A2T75 LERF ENV. PERMITTING
Performing Org: 88210 RCRA CLOSURES
E V Method: 6 APPORTIONED EFFORT METHOD
Parent WBS: 1A21300C03

Scope of Work:
PROVIDE CLOSURE PLAN FOR LERF PART B, REV. 1

Revision No: 01
Date: 12/02/93
Cin Num: SU94REP3
CAP STATUS: R

Approved By: ----- RUCK, FA 6-9876 Date: / /

Cost Elements:

Fiscal Year: 1994		Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Total
01 EXEMPT	Staff	0.1	0.2	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	Hrs	10	30	10	0	0	0	0	0	0	0	0	0	50
	\$	0.4	1.1	0.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.8
7C ORG OVERHEAD		0.1	0.3	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.6
Total BCWS	Staff	0.1	0.2	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	Hrs	10	30	10	0	0	0	0	0	0	0	0	0	50
	\$	0.5	1.4	0.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.4

Total BCWP: -----

Task: 1A21300C04 A2T74 LERF ENV. PERMITTING

Scope of Work:

Revision No: 01

Performing Org: 88220 RCRA UNIT PERMITS

PROVIDE REVIEW AND MISCELLANEOUS SUPPORT FOR LERF

Date: 12/02/93

E V Method: 6 APPORTIONED EFFORT METHOD

PART B, REV. 1

Cin Num: SU94REP3

Parent WBS: 1A21300C01

CAP STATUS: R

Approved By: ----- BOWMAN, RC

6-4876

Date: / /

Cost Elements:

Fiscal Year: 1994		Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Total
01 EXEMPT	Staff	0.0	0.0	0.0	0.3	0.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1
	Hrs	0	0	0	50	100	0	0	0	0	0	0	0	150
	\$	0.0	0.0	0.0	1.8	3.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	5.3
7C ORG OVERHEAD		0.0	0.0	0.0	0.6	1.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.7
Total BCWS	Staff	0.0	0.0	0.0	0.3	0.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1
	Hrs	0	0	0	50	100	0	0	0	0	0	0	0	150
	\$	0.0	0.0	0.0	2.4	4.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	7.1

Total BCWP: -----

Task: 1A21300C05 A2T73 LERF ENV. PERMITTING

Scope of Work:

Revision No: 01

Performing Org: 23520 MAPPING SERVICES

PROVIDE GENERAL DESIGN SERVICE SUPPORT FOR LERF PA

Date: 12/02/93

E V Method: 6 APPORTIONED EFFORT METHOD

RT B, REV. 1

Cin Num: SU94REP3

Parent WBS: 1A21300C01

CAP STATUS: R

Approved By: ----- SAMS, JT

6-6202

Date: / /

Cost Elements:

Fiscal Year: 1994		Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Total
01 EXEMPT	Staff	0.1	0.2	0.2	0.0	0.0	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.1
	Hrs	20	20	20	0	0	10	0	0	0	0	0	0	70
	\$	0.7	0.7	0.7	0.0	0.0	0.3	0.0	0.0	0.0	0.0	0.0	0.0	2.3
7C ORG OVERHEAD		0.3	0.3	0.3	0.0	0.0	0.2	0.0	0.0	0.0	0.0	0.0	0.0	1.1
Total BCWS	Staff	0.1	0.2	0.2	0.0	0.0	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.1
	Hrs	20	20	20	0	0	10	0	0	0	0	0	0	70
	\$	1.0	1.0	1.0	0.0	0.0	0.5	0.0	0.0	0.0	0.0	0.0	0.0	3.4

Total BCWP: -----

Task: 1A21300C06 A2T72 LERF ENV. PERMITTING
Performing Org: 81235 RCRA GEOHYDROLOGY
E V Method: 6 APPORTIONED EFFORT METHOD
Parent WBS: 1A21300C06
Approved By: ----- JACKSON, RL

Scope of Work:
 PROVIDE GEOSCIENCE SUPPORT LERF PART B, REV. 1

2-3501 Date: / /

Revision No: 01
Date: 12/02/93
Cin Num: SU94REP3
CAP STATUS: R

Cost Elements:

Fiscal Year: 1994		Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Total
01 EXEMPT	Staff	0.6	0.8	0.8	0.6	0.3	0.3	0.0	0.0	0.0	0.0	0.0	0.0	0.3
	Hrs	100	100	100	100	50	50	0	0	0	0	0	0	500
	\$	3.6	3.6	3.5	3.5	1.8	1.8	0.0	0.0	0.0	0.0	0.0	0.0	17.7
7C ORG OVERHEAD		1.2	1.2	1.2	1.2	0.6	0.6	0.0	0.0	0.0	0.0	0.0	0.0	5.8
Total BCWS	Staff	0.6	0.8	0.8	0.6	0.3	0.3	0.0	0.0	0.0	0.0	0.0	0.0	0.3
	Hrs	100	100	100	100	50	50	0	0	0	0	0	0	500
	\$	4.7	4.7	4.7	4.7	2.3	2.3	0.0	0.0	0.0	0.0	0.0	0.0	23.5

Total BCWP:

Task: 1A21300C07 A2T71 LERF ENV. PERMITTING
Performing Org: 86300 LIQUID EFFLUENT ENGINEERING
V Method: 6 APPORTIONED EFFORT METHOD
Parent WBS: 1A21300C01
Approved By: ----- LINDSEY, DW

Scope of Work:
PROVIDE EFFLUENT PROCESS ENGINEERING SUPPORT FOR F
ERF PART B, REV. 1.

Revision No: 01
Date: 12/02/93
Cin Num: SU94REP3
CAP STATUS: R

Cost Elements:

[illegible]

Total BCWP:

Task: 1A21300C08 A2T70 LERF ENV. PERMITTING
Performing Org: 7C241 WASTE TREATMENT
E V Method: 6 APPORTIONED EFFORT METHOD
Parent WBS: 1A21300C01
Approved By: ----- NICKLAS, RJ

Scope of Work:
PROVIDE WASTE TANK SYSTEM SUPPORT FOR LERF PART B,
REV. 1.

Revision No: 01
Date: 12/02/93
Cin Num: SU94REP3
CAP STATUS: R

Cost Elements:

[illegible]

[illegible]

Total BCWP:

Total Wp		Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Total
00 NON-EXEMPT	Staff	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
	Hrs	10	10	10	10	10	10	10	10	10	10	10	10	120
	\$	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	1.8
01 EXEMPT	Staff	2.6	3.3	2.9	2.4	2.8	1.7	1.3	1.1	0.4	0.3	0.4	0.3	1.6
	Hrs	400	420	360	420	400	250	190	190	50	50	50	50	2830
	\$	14.7	15.5	13.1	15.3	14.5	8.9	6.8	6.8	1.8	1.8	1.8	1.8	102.9
14 OFFICE SUPPL	\$	0.1	0.0	0.1	0.0	0.1	0.1	0.1	0.0	0.0	0.0	0.0	0.0	0.5
2L TRAINING-ONS	\$	0.0	0.4	0.0	0.4	0.0	0.4	0.0	0.4	0.0	0.4	0.0	0.4	2.4
2M TRAINING-OFF	\$	0.3	0.0	0.3	0.0	0.3	0.0	0.3	0.0	0.3	0.0	0.3	0.0	1.8
2T TRAVEL & LIV	\$	0.0	0.0	0.0	0.5	0.0	0.5	0.0	0.0	0.5	0.0	0.5	0.0	2.0
3R KAISER	\$	3.0	2.0	1.0	2.0	0.0	0.0	1.0	1.0	0.0	0.0	0.0	0.0	10.0
6P INFO SERVICE	\$	1.0	1.0	2.0	3.0	0.5	1.0	1.0	2.0	0.0	0.0	0.0	0.0	11.5
7C ORG OVERHEAD		4.4	4.7	3.9	4.5	4.4	2.9	2.2	2.2	0.6	0.6	0.6	0.6	31.4
Total' BCWS	Staff	2.7	3.4	3.0	2.5	2.9	1.8	1.4	1.2	0.5	0.4	0.5	0.4	1.7
	Hrs	410	430	370	430	410	260	200	200	60	60	60	60	2950
	\$	23.7	23.7	20.5	25.9	19.9	13.9	11.5	12.5	3.3	2.9	3.3	2.9	164.3

WORK PACKAGE: 1A21300D LERF
Resp Org: 88220 RCRA UNIT PERMITS

Scope of Work:
COMPLETE LINER 44 OTP

Revision No: 01
Date: 12/02/93

CAP STATUS: R

Task: 1A21300D01 A2T14 LERF
Performing Org: 7C550 FIELD SUPPORT
E V Method: 2 PERCENT COMPLETE METHOD
Parent WBS:

Scope of Work:
COMPLETE LINER 44 OTP

Revision No: 01
Date: 12/02/93
Cin Num: SU94REP3
CAP STATUS: R

Approved By: ----- HARDING, MD 373-2909 Date: / /

Cost Elements:

[illegible]

Hrs	0	0	0	0	0	0	0	0	0	0	0	0	0
\$	0.0	32.0	32.0	32.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	96.0

Total BCWP: -----

Total Wp		Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Total
23 MISC PURCHAS	\$	0.0	32.0	32.0	32.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	96.0
7C ORG OVERHEAD		0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Total BCWS	Staff	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	Hrs	0	0	0	0	0	0	0	0	0	0	0	0	0
	\$	0.0	32.0	32.0	32.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	96.0

Total CAP		Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Total
00 NON-EXEMPT	Staff	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
	Hrs	26	23	23	27	24	25	25	28	24	26	24	28	303
	\$	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	4.7
01 EXEMPT	Staff	4.8	5.4	5.0	4.5	4.9	3.9	3.5	3.2	2.6	2.4	2.5	2.4	3.8
	Hrs	739	704	636	785	705	576	508	589	352	392	350	412	6758
	\$	28.4	26.9	24.0	29.8	26.6	21.8	19.4	22.6	13.8	15.4	13.7	16.6	259.1
06 BARGAINING U	Staff	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6
	Hrs	405	347	336	446	373	388	379	479	360	418	366	455	4752
	\$	12.2	10.5	10.0	13.2	11.1	11.5	11.6	14.6	11.0	12.8	11.2	13.9	143.5
10 MATL & EQUIP	\$	0.7	0.7	5.7	0.7	0.7	0.7	0.7	0.7	5.7	0.7	0.7	0.7	18.4
14 OFFICE SUPPL	\$	0.1	0.0	0.1	0.0	0.1	0.1	0.1	0.0	0.0	0.0	0.0	0.0	0.5
2B UNDIST BUDGE	\$	16.2	13.8	13.4	17.9	14.9	15.5	15.2	19.1	14.4	16.7	14.7	56.0	227.8
2L TRAINING-ONS	\$	0.0	0.4	0.0	0.4	0.0	0.4	0.0	0.4	0.0	0.4	0.0	0.4	2.4
2M TRAINING-OFF	\$	0.3	0.0	0.3	0.0	0.3	0.0	0.3	0.0	0.3	0.0	0.3	0.0	1.8
2T TRAVEL & LIV	\$	0.0	0.0	0.0	0.5	0.0	0.5	0.0	0.0	0.5	0.0	0.5	0.0	2.0
21 PO CONTRACTS	\$	0.0	0.0	0.0	0.0	0.0	0.0	3.0	0.0	0.0	0.0	0.0	0.0	3.0
23 MISC PURCHAS	\$	0.0	32.0	32.0	32.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	96.0
3D PNL	\$	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	10.0	10.0
3R KAISER	\$	13.0	12.0	1.0	2.0	0.0	0.0	1.0	1.0	0.0	0.0	0.0	0.0	30.0
4C MPR	\$	0.1	0.1	1.2	0.1	0.1	0.2	0.7	0.2	1.1	0.1	0.1	0.2	4.2
6P INFO SERVICE	\$	1.0	1.0	2.0	3.0	0.5	1.0	1.0	2.0	0.0	0.0	0.0	0.0	11.5
7C ORG OVERHEAD		9.5	8.9	8.0	9.9	8.9	7.7	6.9	8.1	5.1	5.7	5.1	6.2	90.0

Total BCWS	Staff	7.6	8.2	7.8	7.3	7.7	6.7	6.3	6.0	5.4	5.2	5.3	5.2	6.6
	Hrs	1170	1074	995	1258	1102	989	912	1096	736	836	740	905	11813
	\$	81.9	106.7	98.1	109.9	63.5	59.8	60.3	69.2	52.2	52.2	46.7	104.4	904.8
Total GA/CSP		18.7	25.2	24.8	27.7	16.2	15.3	15.2	17.5	13.3	13.3	11.9	24.9	224.0
Total with GA/CSP		100.6	131.8	122.9	137.6	79.7	75.0	75.5	86.7	65.6	65.5	58.6	129.3	1128.8

Approval Signatures:

Function Mgr:

/ /

Cap Status

Budgets:

/ /

PBR/SCH:

/ /

R

C.A. Mgr:

/ /

Activity Mgr:

/ /

CA/WBS:	1A2140 INTERIM COMPLIANCE	Funding Source:	1994 EXPENSE	Cap Rev:	03	Cin:	SU94REP3	Start	Completion
CA Manager:	SPEER, DR	CAP Orig Date :	11/12/93	Budget (K\$):	4412.0	Date		Date	
Resp Org:	86100 EFFLUENT TREATMENT PROGRAMS	Budget Analyst:	G2 - ALLENDER, CM	Phone:	2-2603	10/01/93		09/30/94	
GL Index:	RBY B & R Number: EW3130020 B & R Title: RICHLAND SOLID/LIQUID WASTE							CAP STATUS: R	

WORK PACKAGE:	1A21400A INTERIM COMPLIANCE - ANALYSIS	Scope of Work:	Revision No: 02
Resp Org:	12510 SAMPLE DATA & LAB ADMINISTRTRN	SAMPLE ANALYSIS AND DATA VALIDATION SUPPORT TO INTERIM COMPLIANCE	Date: 12/02/93

CAP STATUS: R

Task: 1A21400A01 A2DHA INTERIM COMPL-ANALYSIS	Scope of Work:	Revision No: 02
Performing Org: 12510 SAMPLE DATA & LAB ADMINISTRN	SAMPLE ANALYSIS AND DATA VALIDATION SUPPORT	Date: 12/02/93
E V Method: 5 MODIFIED MILESTONE METHOD	TO INTERIM COMPLIANCE	Cin Num: SU94REP3
Parent WBS:		CAP STATUS: R
Approved By: ----- PAETEL, JG	2-2397 Date: / /	

Milestones:

Narrative

1A2140001 K 09/30/94 ASSURE THE ANALYSES AND VALIDATION OF ALL SAMPLES TAKEN IN ACCORDANCE WITH THE INTERIM COMPLIANCE PROGRAM SAMPLING AND ANALYSIS PLAN

Cost Elements:

Fiscal Year: 1994		Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Total
00 NON-EXEMPT	Staff	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
	Hrs	156	133	129	172	143	149	146	184	138	161	141	175	1827
	\$	2.4	2.1	2.0	2.6	2.2	2.3	2.2	2.8	2.1	2.5	2.2	2.7	28.0
01 EXEMPT	Staff	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5
	Hrs	78	67	65	86	72	75	73	92	69	81	71	88	917
	\$	2.6	2.3	2.2	2.9	2.4	2.5	2.4	3.1	2.3	2.7	2.4	2.9	30.7
21 PO CONTRACTS	\$	12.5	12.5	12.5	12.5	12.5	12.5	12.5	12.5	12.5	12.5	12.5	12.5	150.0
5G SAMPLE ANALY	\$	71.9	71.9	71.9	71.9	71.9	71.9	71.9	71.9	71.9	71.9	71.9	71.9	862.7
7C ORG OVERHEAD		1.2	1.1	1.0	1.3	1.1	1.2	1.1	1.4	1.1	1.3	1.1	1.4	14.4
Total BCWS	Staff	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5
	Hrs	234	200	194	258	215	224	219	276	207	242	212	263	2744
	\$	90.7	89.8	89.6	91.2	90.1	90.4	90.2	91.7	89.9	90.8	90.0	91.4	1085.8

Total BCWP:

[illegible]

5G SAMPLE ANALY	\$	71.9	71.9	71.9	71.9	71.9	71.9	71.9	71.9	71.9	71.9	71.9	71.9	862.7
7C ORG OVERHEAD		1.2	1.1	1.0	1.3	1.1	1.2	1.1	1.4	1.1	1.3	1.1	1.4	14.4
Total BCWS	Staff	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5
	Hrs	234	200	194	258	215	224	219	276	207	242	212	263	2744
	\$	90.7	89.8	89.6	91.2	90.1	90.4	90.2	91.7	89.9	90.8	90.0	91.4	1085.8

WORK PACKAGE: 1A21400B INTERIM COMPLIANCE - OVERSIGHT
Resp Org: 12510 SAMPLE DATA & LAB ADMINISTRTRN

Scope of Work:
VALIDATION/ASSESSMENTS SUPPORT TO INTERIM
COMPLIANCE

Revision No: 02
Date: 12/02/93

CAP STATUS: R

Task: 1A21400B01 A2DHB INTERIM COMPL-OVERSIGHT
Performing Org: 12520 TECHNICAL & QUALITY OVERSIGHT
E V Method: 4 LEVEL OF EFFORT METHOD
Parent WBS:

Scope of Work:
VALIDATION/ASSESSMENTS SUPPORT TO INTERIM
COMPLIANCE

Revision No: 02
Date: 12/02/93
Cin Num: SU94REP3
CAP STATUS: R

Approved By: ----- POOL, KN

2-2557 Date: / /

Cost Elements:

Fiscal Year: 1994		Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Total
01 EXEMPT	Staff	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5
	Hrs	78	67	65	86	72	75	73	92	69	81	71	88	917
	\$	2.6	2.3	2.2	2.9	2.4	2.5	2.4	3.1	2.3	2.7	2.4	2.9	30.7
2T TRAVEL & LIV	\$	0.0	10.0	0.0	0.0	0.0	0.0	0.0	0.0	10.0	0.0	0.0	0.0	20.0
7C ORG OVERHEAD		0.6	0.6	0.5	0.7	0.6	0.6	0.6	0.8	0.6	0.7	0.6	0.7	7.5
Total BCWS	Staff	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5
	Hrs	78	67	65	86	72	75	73	92	69	81	71	88	917
	\$	3.3	12.8	2.7	3.6	3.0	3.1	3.0	3.8	12.9	3.4	3.0	3.7	58.3

Total BCWP: -----

Total Wp		Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Total
01 EXEMPT	Staff	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5
	Hrs	78	67	65	86	72	75	73	92	69	81	71	88	917
	\$	2.6	2.3	2.2	2.9	2.4	2.5	2.4	3.1	2.3	2.7	2.4	2.9	30.7
2T TRAVEL & LIV	\$	0.0	10.0	0.0	0.0	0.0	0.0	0.0	0.0	10.0	0.0	0.0	0.0	20.0
7C ORG OVERHEAD		0.6	0.6	0.5	0.7	0.6	0.6	0.6	0.8	0.6	0.7	0.6	0.7	7.5
Total BCWS	Staff	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5
	Hrs	78	67	65	86	72	75	73	92	69	81	71	88	917
	\$	3.3	12.8	2.7	3.6	3.0	3.1	3.0	3.8	12.9	3.4	3.0	3.7	58.3

WORK PACKAGE: 1A21400C INTERIM COMPLIANCE-COORD
Resp Org: 12550 ANALYTICAL LABORATORY COORDINA

Scope of Work:
ANALYTICAL COORDINATION SUPPORT TO INTERIM
COMPLIANCE

Revision No: 02
Date: 12/02/93

CAP STATUS: R

Task: 1A21400C01 A2DHC INTERIM COMPLIANCE-COORD
Performing Org: 12550 ANALYTICAL LABORATORY COORDINA
E V Method: 4 LEVEL OF EFFORT METHOD
Parent WBS:

Scope of Work:
ANALYTICAL COORDINATION SUPPORT TO INTERIM
COMPLIANCE

Revision No: 02
Date: 12/02/93
Cin Num: SU94REP3
CAP STATUS: R

Approved By: ----- KESSNER, JH 2-2586 Date: / /

Cost Elements:

Fiscal Year: 1994	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Total
01 EXEMPT Staff	1.0	1.0	1.0	0.5	0.5	0.5	1.0	1.0	1.0	1.0	1.0	1.0	0.9
Hrs	156	133	129	86	72	75	146	184	138	161	141	175	1596
\$	5.3	4.5	4.3	2.9	2.4	2.5	4.9	6.2	4.6	5.4	4.7	5.9	53.5
19 COMPUTER-HAR \$	0.0	0.0	7.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	7.0
7C ORG OVERHEAD	1.3	1.1	1.1	0.7	0.6	0.6	1.2	1.5	1.1	1.3	1.2	1.4	13.1
Total BCWS Staff	1.0	1.0	1.0	0.5	0.5	0.5	1.0	1.0	1.0	1.0	1.0	1.0	0.9
Hrs	156	133	129	86	72	75	146	184	138	161	141	175	1596
\$	6.6	5.6	12.4	3.6	3.0	3.1	6.1	7.7	5.7	6.7	5.9	7.3	73.6

Total BCWP: -----

Total Wp	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Total
01 EXEMPT Staff	1.0	1.0	1.0	0.5	0.5	0.5	1.0	1.0	1.0	1.0	1.0	1.0	0.9
Hrs	156	133	129	86	72	75	146	184	138	161	141	175	1596
\$	5.3	4.5	4.3	2.9	2.4	2.5	4.9	6.2	4.6	5.4	4.7	5.9	53.5
19 COMPUTER-HAR \$	0.0	0.0	7.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	7.0
7C ORG OVERHEAD	1.3	1.1	1.1	0.7	0.6	0.6	1.2	1.5	1.1	1.3	1.2	1.4	13.1
Total BCWS Staff	1.0	1.0	1.0	0.5	0.5	0.5	1.0	1.0	1.0	1.0	1.0	1.0	0.9
Hrs	156	133	129	86	72	75	146	184	138	161	141	175	1596
\$	6.6	5.6	12.4	3.6	3.0	3.1	6.1	7.7	5.7	6.7	5.9	7.3	73.6

WORK PACKAGE: 1A21400E NONDRILLING SAMPLING LIQ EFF
Resp Org: 81230 GEOSCIENCES

Scope of Work:
PROVIDE SAMPLING & ANALYSIS SUPPORT FOR
LIQUID EFFLUENT

Revision No: 02
Date: 12/02/93

CAP STATUS: R

Task: 1A21400E01 A2D3A HYDROGEOLOGY & MODELING SUPT
Performing Org: 81231 CERCLA GEOHYDROLOGY
E V Method: 2 PERCENT COMPLETE METHOD
Parent WBS:

Scope of Work:
PROVIDE PROJ SCI, HYDROGEOLOGY AND MODELING
SUPPORT

Revision No: 02
Date: 12/02/93
Cin Num: SU94REP3
CAP STATUS: R

Approved By: ----- KNEPP AJ 6-3398 Date: / /

Milestones:

Narrative

LEP-94-055 T 01/17/94 ISSUE GROUNDWATER IMPACT ASSESSMENT FOR 216-U-14 CRIB TO DOE-RL

LEP-94-056 T 01/17/94 ISSUE GROUNDWATER IMPACT ASSESSMENT FOR 216-T-1 DITCH TO DOE-RL

LEP-94-057 T 01/17/94 ISSUE GROUNDWATER IMPACT ASSESSMENT FOR 216-T-4-2 DITCH TO DOE-RL

LEP-94-060 T 11/19/93 ISSUE GROUNDWATER IMPACT ASSESSMENT FOR 216-S-26 CRIB TO DOE-RL

LEP-94-067 T 10/15/93 ISSUE GROUNDWATER IMPACT ASSESSMENT FOR 216-Z-20 CRIB TO DOE-RL

Cost Elements:

Fiscal Year: 1994		Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Total
00 NON-EXEMPT	Staff	0.1	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
	Hrs	16	27	26	34	29	30	29	37	28	32	28	35	351
	\$	0.3	0.5	0.5	0.6	0.5	0.6	0.5	0.7	0.5	0.6	0.5	0.6	6.5
01 EXEMPT	Staff	4.0	5.7	6.0	6.0	6.0	6.0	6.0	6.0	6.0	6.0	6.0	6.0	5.8
	Hrs	624	758	774	1032	858	894	876	1104	828	966	846	1050	10610
	\$	22.2	27.0	27.2	36.2	30.1	31.4	30.7	38.7	29.1	33.9	29.7	36.8	373.1
10 MATL & EQUIP	\$	0.0	0.0	0.0	0.0	5.0	5.0	2.0	3.0	0.0	0.0	0.0	0.0	15.0
19 COMPUTER-HAR	\$	0.0	0.0	0.0	0.0	6.0	6.0	3.0	3.0	3.0	0.0	0.0	0.0	21.0
2M TRAINING-OFF	\$	0.0	0.0	0.0	0.0	0.4	0.4	0.4	0.4	0.4	0.0	0.0	0.0	2.0
2T TRAVEL & LIV	\$	1.0	0.0	0.0	0.0	2.0	2.0	2.0	0.0	0.0	0.0	0.0	0.0	7.0
21 PO CONTRACTS	\$	0.0	0.0	0.0	0.0	15.0	15.0	15.0	15.0	0.0	0.0	0.0	0.0	60.0
3D PNL	\$	0.0	0.0	0.0	0.0	8.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	8.0
3R KAISER	\$	0.0	0.0	0.0	0.0	6.0	6.0	6.0	6.0	6.0	0.0	0.0	0.0	30.0
4C MPR	\$	0.0	0.0	0.0	0.0	2.9	2.9	2.0	2.0	0.5	0.0	0.0	0.0	10.3
4V FLEET	\$	0.0	0.0	0.0	0.0	1.5	1.5	1.5	1.5	2.0	2.0	0.0	0.0	10.0
6P INFO SERVICE	\$	0.0	0.0	0.0	0.0	10.0	10.0	10.0	10.0	10.0	0.0	0.0	0.0	50.0
7C ORG OVERHEAD		7.4	9.1	9.1	12.2	10.1	10.5	10.3	13.0	9.8	11.4	10.0	12.4	125.3
Total BCWS	Staff	4.1	5.9	6.2	6.2	6.2	6.2	6.2	6.2	6.2	6.2	6.2	6.2	6.0
	Hrs	640	785	800	1066	887	924	905	1141	856	998	874	1085	10961
	\$	31.0	36.6	36.8	49.0	97.6	91.3	83.5	93.3	61.2	47.9	40.2	49.9	718.1

Total BCWP:

Total Wp		Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Total
00 NON-EXEMPT	Staff	0.1	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
	Hrs	16	27	26	34	29	30	29	37	28	32	28	35	351
	\$	0.3	0.5	0.5	0.6	0.5	0.6	0.5	0.7	0.5	0.6	0.5	0.6	6.5

	Staff	4.0	5.7	6.0	6.0	6.0	6.0	6.0	6.0	6.0	6.0	6.0	5.8
01 EXEMPT	Hrs	624	758	774	1032	858	894	876	1104	828	966	846	10610
	\$	22.2	27.0	27.2	36.2	30.1	31.4	30.7	38.7	29.1	33.9	29.7	373.1
10 MATL & EQUIP	\$	0.0	0.0	0.0	0.0	5.0	5.0	2.0	3.0	0.0	0.0	0.0	15.0
19 COMPUTER-HAR	\$	0.0	0.0	0.0	0.0	6.0	6.0	3.0	3.0	3.0	0.0	0.0	21.0
2M TRAINING-OFF	\$	0.0	0.0	0.0	0.0	0.4	0.4	0.4	0.4	0.4	0.0	0.0	2.0
2T TRAVEL & LIV	\$	1.0	0.0	0.0	0.0	2.0	2.0	2.0	0.0	0.0	0.0	0.0	7.0
21 PO CONTRACTS	\$	0.0	0.0	0.0	0.0	15.0	15.0	15.0	15.0	0.0	0.0	0.0	60.0
3D PNL	\$	0.0	0.0	0.0	0.0	8.0	0.0	0.0	0.0	0.0	0.0	0.0	8.0
3R KAISER	\$	0.0	0.0	0.0	0.0	6.0	6.0	6.0	6.0	6.0	0.0	0.0	30.0
4C MPR	\$	0.0	0.0	0.0	0.0	2.9	2.9	2.0	2.0	0.5	0.0	0.0	10.3
4V FLEET	\$	0.0	0.0	0.0	0.0	1.5	1.5	1.5	1.5	2.0	2.0	0.0	10.0
6P INFO SERVICE	\$	0.0	0.0	0.0	0.0	10.0	10.0	10.0	10.0	10.0	0.0	0.0	50.0
C ORG OVERHEAD		7.4	9.1	9.1	12.2	10.1	10.5	10.3	13.0	9.8	11.4	10.0	125.3
Total BCWS	Staff	4.1	5.9	6.2	6.2	6.2	6.2	6.2	6.2	6.2	6.2	6.2	6.0
	Hrs	640	785	800	1066	887	924	905	1141	856	998	874	10961
	\$	31.0	36.6	36.8	49.0	97.6	91.3	83.5	93.3	61.2	47.9	40.2	718.1

WORK PACKAGE: 1A21400F EFFLUENT SAMPLING Scope of Work: Revision No: 02
 Resp Org: 12900 SMPLNG & SPEC ANALYTICAL SERV FIELD ANALYTICAL SERVICES TO PROVIDE ADMIN SUPPORT Date: 12/02/93

CAP STATUS: R

Task: 1A21400F01 A2DCA EFFLUENT SAMPLING Scope of Work: Revision No: 02
 Performing Org: 12900 SMPLNG & SPEC ANALYTICAL SERV ADMINISTRATIVE SUPPORT Date: 12/02/93
 E V Method: 4 LEVEL OF EFFORT METHOD (CH.5/CMA.5/RM.3/YW.3/SB.3) Cin Num: SU94REP3
 Parent WBS: CAP STATUS: R
 Approved By: ----- MEZNARICH, RA(ACTING) 3-1124 Date: / /

Cost Elements:

Fiscal Year: 1994	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Total
Staff	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
00 NON-EXEMPT	Hrs	31	27	26	34	29	30	29	37	28	32	28	366
	\$	0.7	0.6	0.6	0.8	0.7	0.7	0.7	0.9	0.7	0.7	0.7	8.6
Staff	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4
01 EXEMPT	Hrs	218	186	181	241	200	209	204	258	193	225	197	2557
	\$	6.7	5.7	5.5	7.3	6.1	6.4	6.2	7.9	5.9	6.8	6.0	78.0
2T TRAVEL & LIV	\$	0.0	0.0	2.2	0.0	2.0	0.0	0.0	1.0	0.0	0.0	0.0	5.2
7C ORG OVERHEAD		1.8	1.6	1.5	2.0	1.7	1.7	1.7	2.1	1.6	1.9	1.6	21.2

Total BCWS	Staff	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6
Hrs		249	213	207	275	229	239	233	295	221	257	225	280	2923
\$		9.3	8.0	9.8	10.1	10.4	8.8	8.6	11.9	8.1	9.5	8.3	10.3	113.0

Total BCWP: -----

Total Wp		Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Total
Staff		0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
00 NON-EXEMPT	Hrs	31	27	26	34	29	30	29	37	28	32	28	35	366
	\$	0.7	0.6	0.6	0.8	0.7	0.7	0.7	0.9	0.7	0.7	0.7	0.8	8.6
Staff		1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4
01 EXEMPT	Hrs	218	186	181	241	200	209	204	258	193	225	197	245	2557
	\$	6.7	5.7	5.5	7.3	6.1	6.4	6.2	7.9	5.9	6.8	6.0	7.5	78.0
2T TRAVEL & LIV	\$	0.0	0.0	2.2	0.0	2.0	0.0	0.0	1.0	0.0	0.0	0.0	0.0	5.2
7C ORG OVERHEAD		1.8	1.6	1.5	2.0	1.7	1.7	1.7	2.1	1.6	1.9	1.6	2.0	21.2
Total BCWS	Staff	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6
	Hrs	249	213	207	275	229	239	233	295	221	257	225	280	2923
	\$	9.3	8.0	9.8	10.1	10.4	8.8	8.6	11.9	8.1	9.5	8.3	10.3	113.0

WORK PACKAGE: 1A21400H EFFLUENT SAMPLING
Resp Org: 12610 LABORATORY DATA MANAGEMENT

Scope of Work:
SUPPORT THE SAMPLING AND ANALYSES OF LIQUID
EFFLUENT SAMPLES AS DEFINED ON THE INTERIM
COMPLIANCE PROGRAM SCHEDULE (JH.3)

Revision No: 02
Date: 12/02/93

CAP STATUS: R

Task: 1A21400H01 A2DCD EFFLUENT SAMPLING
Performing Org: 12610 LABORATORY DATA MANAGEMENT
E V Method: 4 LEVEL OF EFFORT METHOD
Parent WBS:
Approved By: ----- GIAMBERARDINI, KK

Scope of Work:
SUPPORT THE SAMPLING AND ANALYSIS OF LIQUID
EFFLUENT SAMPLES AS DEFINED ON THE INTERIM
COMPLIANCE SCHEDULE (PROCEDURES)
3-3076 Date: / /

Revision No: 02
Date: 12/02/93
Cin Num: SU94REP3
CAP STATUS: R

Cost Elements:

Fiscal Year: 1994		Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Total
Staff		0.1	0.1	0.1	0.1	0.1	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.1
00 NON-EXEMPT	Hrs	16	13	13	17	14	15	0	0	0	0	0	0	88
	\$	0.3	0.2	0.2	0.3	0.2	0.2	0.0	0.0	0.0	0.0	0.0	0.0	1.4
Staff		0.1	0.1	0.1	0.1	0.1	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.1
01 EXEMPT	Hrs	16	13	13	17	14	15	0	0	0	0	0	0	88
	\$	0.4	0.3	0.3	0.4	0.4	0.4	0.0	0.0	0.0	0.0	0.0	0.0	2.3
7C ORG OVERHEAD		0.2	0.1	0.1	0.2	0.1	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.9
Total BCWS	Staff	0.2	0.2	0.2	0.2	0.2	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.1
	Hrs	32	26	26	34	28	30	0	0	0	0	0	0	176
	\$	0.8	0.7	0.7	0.9	0.7	0.8	0.0	0.0	0.0	0.0	0.0	0.0	4.6

Total BCWP: -----

Task: 1A21400H02 A2DCE EFFLUENT SAMPLING
Performing Org: 43340 EXCESS/SURPLUS SALES/SHIPPING
E V Method: 4 LEVEL OF EFFORT METHOD
Parent WBS:

Scope of Work:
SUPPORT THE SHIPPING OF LIQUID EFFLUENT
SAMPLES

Revision No: 02
Date: 12/02/93
Cin Num: SU94REP3
CAP STATUS: R

Approved By: ----- Organization Code is inac Date: / /

Cost Elements:

Fiscal Year: 1994	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Total
4K MISC \$	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.0	11.0
7C ORG OVERHEAD	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Total BCWS Staff	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Hrs	0	0	0	0	0	0	0	0	0	0	0	0	0
\$	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.0	11.0

Total BCWP: -----

Task: 1A21400H03 A2DC1 EFFLUENT SAMPLING
Performing Org: 12911 SAMPLING AND SUPPORT SERV
E V Method: 5 MODIFIED MILESTONE METHOD
Parent WBS:
Approved By: ----- HYATT, JE

Scope of Work:
SUPPORT THE SAMPLING AND ANALYSES OF LIQUID
EFFLUENT SAMPLES AS DEFINED ON THE INTERIM
COMPLIANCE SCHEDULE (JH.3)
3-2906 Date: / /

Revision No: 02
Date: 12/02/93
Cin Num: SU94REP3
CAP STATUS: R

Milestones:

Narrative

1A2140001 0 07/31/94 ASSURE COLLECTION OF ALL SAMPLES AS REQUIRED ON THE INTERIM COMPLIANCE PROGRAM SCHEDULE

Cost Elements:

Fiscal Year: 1994	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Total
Staff	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	2.0	2.0	2.0	2.8
00 NON-EXEMPT Hrs	468	399	387	516	429	447	438	552	414	322	282	350	5004
\$	11.1	9.5	9.0	12.0	10.0	10.4	10.2	12.9	9.7	7.5	6.6	8.2	117.1
Staff	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3
01 EXEMPT Hrs	47	40	39	52	43	45	44	55	41	48	42	53	549
\$	1.5	1.2	1.2	1.6	1.3	1.4	1.3	1.7	1.2	1.5	1.3	1.6	16.8
10 MATL & EQUIP \$	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	5.0
14 OFFICE SUPPL \$	0.0	0.0	0.4	0.0	0.4	0.0	0.0	0.0	0.4	0.0	0.4	0.0	1.6
15 SHOP & LAB S \$	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	3.6
4C MPR \$	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.0	0.0	2.0
41 TRNG-SAFE&EN \$	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.2	0.2	0.2	0.2	3.2
7C ORG OVERHEAD	3.1	2.6	2.5	3.3	2.8	2.9	2.8	3.6	2.7	2.2	1.9	2.4	32.8
Total BCWS Staff	3.3	3.3	3.3	3.3	3.3	3.3	3.3	3.3	3.3	2.3	2.3	2.3	3.1
Hrs	515	439	426	568	472	492	482	607	455	370	324	403	5553
\$	16.8	14.5	14.3	18.2	15.7	15.9	15.6	19.3	15.1	12.3	11.1	13.1	182.1

Total BCWP: -----

Total Wp		Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Total
	Staff	3.1	3.1	3.1	3.1	3.1	3.1	3.0	3.0	3.0	2.0	2.0	2.0	2.8
00 NON-EXEMPT	Hrs	484	412	400	533	443	462	438	552	414	322	282	350	5092
	\$	11.3	9.7	9.2	12.3	10.2	10.7	10.2	12.9	9.7	7.5	6.6	8.2	118.5
	Staff	0.4	0.4	0.4	0.4	0.4	0.4	0.3	0.3	0.3	0.3	0.3	0.3	0.4
01 EXEMPT	Hrs	63	53	52	69	57	60	44	55	41	48	42	53	637
	\$	1.9	1.6	1.5	2.0	1.7	1.8	1.3	1.7	1.2	1.5	1.3	1.6	19.1
10 MATL & EQUIP	\$	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	5.0
14 OFFICE SUPPL	\$	0.0	0.0	0.4	0.0	0.4	0.0	0.0	0.0	0.4	0.0	0.4	0.0	1.6
15 SHOP & LAB S	\$	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	3.6
4C MPR	\$	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.0	0.0	2.0
4K MISC	\$	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.0	11.0
41 TRNG-SAFE&EN	\$	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.2	0.2	0.2	0.2	3.2
7C ORG OVERHEAD		3.2	2.8	2.6	3.5	2.9	3.0	2.8	3.6	2.7	2.2	1.9	2.4	33.7
Total BCWS	Staff	3.5	3.5	3.5	3.5	3.5	3.5	3.3	3.3	3.3	2.3	2.3	2.3	3.2
	Hrs	547	465	452	602	500	522	482	607	455	370	324	403	5729
	\$	18.7	16.2	16.0	20.1	17.4	17.7	16.6	20.3	16.1	13.3	12.1	13.1	197.7

WORK PACKAGE: 1A21400J QA INTERIM COMPLIANCE
 Resp Org: 38620 ENVIRONMENTAL MGT SYS INTEG

Scope of Work:
 PROVIDE QA SUPPORT TO REVIEWING AND APPROVING QA
 PROGRAM AND PROJECT PLANS ASSOCIATED WITH LIQUID
 EFFLUENT STREAM INTERIM COMPLIANCE

Revision No: 02
 Date: 12/02/93
 CAP STATUS: R

Task: 1A21400J01 A2DCT INTERIM COMPLIANCE QA
 Performing Org: 38620 ENVIRONMENTAL MGT SYS INTEG
 E V Method: 4 LEVEL OF EFFORT METHOD
 Parent WBS:
 Approved By: ----- VOLKMAN, DD

Scope of Work:
 PROVIDE QA ASSURANCE SUPPORT TO REVIEWING AND
 APPROVING QA PROGRAM AND PROJECT PLANS ASSOCIATED
 WITH LIQUID EFFLUENT STREAM INTERIM COMPLIANCE
 2-0159 Date: / /

Revision No: 02
 Date: 12/02/93
 Cin Num: SU94REP3
 CAP STATUS: R

Cost Elements:

Fiscal Year: 1994		Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Total
	Staff	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.3	0.3	0.3	0.3	0.2
01 EXEMPT	Hrs	31	27	26	34	29	30	29	37	41	48	42	53	427
	\$	1.2	1.0	1.0	1.3	1.1	1.1	1.1	1.4	1.6	1.8	1.6	2.0	16.2
7C ORG OVERHEAD		0.5	0.5	0.4	0.6	0.5	0.5	0.5	0.6	0.7	0.8	0.7	0.9	7.1
Total BCWS	Staff	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.3	0.3	0.3	0.3	0.2
	Hrs	31	27	26	34	29	30	29	37	41	48	42	53	427
	\$	1.7	1.5	1.4	1.9	1.6	1.6	1.6	2.0	2.2	2.6	2.3	2.9	23.3

Total BCWP: -----

Total Wp		Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Total
	Staff	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.3	0.3	0.3	0.3	0.2
01 EXEMPT	Hrs	31	27	26	34	29	30	29	37	41	48	42	53	427
	\$	1.2	1.0	1.0	1.3	1.1	1.1	1.1	1.4	1.6	1.8	1.6	2.0	16.2
7C ORG OVERHEAD		0.5	0.5	0.4	0.6	0.5	0.5	0.5	0.6	0.7	0.8	0.7	0.9	7.1
Total BCWS	Staff	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.3	0.3	0.3	0.3	0.2
	Hrs	31	27	26	34	29	30	29	37	41	48	42	53	427
	\$	1.7	1.5	1.4	1.9	1.6	1.6	1.6	2.0	2.2	2.6	2.3	2.9	23.3

WORK PACKAGE: 1A21400K LEMIS PROJECT MGMT/SPT
Resp Org: 62230 ENVIRONMENTAL SYSTEMS

Scope of Work:
PROJECT MANAGEMENT AND SUPPORT

Revision No: 02
Date: 12/02/93

CAP STATUS: R

Task: 1A21400K01 ALEM4 PROJECT MANAGEMENT SUPPORT
Performing Org: 62230 ENVIRONMENTAL SYSTEMS
E V Method: 4 LEVEL OF EFFORT METHOD
Parent WBS:
Approved By: ----- GUETTLER, DA

Scope of Work:
PROJECT MANAGEMENT AND SUPPORT

Revision No: 02
Date: 12/02/93
Cin Num: SU94REP3
CAP STATUS: R

6-2552 Date: / /

Cost Elements:

Fiscal Year: 1994		Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Total
	Staff	2.0	2.0	1.9	1.4	1.4	1.4	1.3	1.3	1.3	1.3	1.3	1.3	1.5
01 EXEMPT	Hrs	312	266	245	241	200	209	190	239	179	209	183	228	2701
	\$	11.2	9.5	8.6	8.5	7.1	7.4	6.7	8.4	6.3	7.4	6.5	8.0	95.7
19 COMPUTER-HAR	\$	5.0	5.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	2.9	39.9
2L TRAINING-ONS	\$	0.0	4.0	4.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	8.0	16.0
6P INFO SERVICE	\$	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	36.0
7C ORG OVERHEAD		6.7	5.7	5.1	5.1	4.2	4.4	4.0	5.0	3.8	4.4	3.8	4.8	56.9
Total BCWS	Staff	2.0	2.0	1.9	1.4	1.4	1.4	1.3	1.3	1.3	1.3	1.3	1.3	1.5
	Hrs	312	266	245	241	200	209	190	239	179	209	183	228	2701
	\$	25.8	27.2	23.8	19.6	17.3	17.8	16.7	19.5	16.1	17.8	16.3	26.7	244.5

Total BCWP: -----

Total Wp		Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Total
	Staff	2.0	2.0	1.9	1.4	1.4	1.4	1.3	1.3	1.3	1.3	1.3	1.3	1.5
01 EXEMPT	Hrs	312	266	245	241	200	209	190	239	179	209	183	228	2701
	\$	11.2	9.5	8.6	8.5	7.1	7.4	6.7	8.4	6.3	7.4	6.5	8.0	95.7
19 COMPUTER-HAR	\$	5.0	5.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	2.9	39.9
2L TRAINING-ONS	\$	0.0	4.0	4.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	8.0	16.0

6P INFO SERVICE	\$	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	36.0
7C ORG OVERHEAD		6.7	5.7	5.1	5.1	4.2	4.4	4.0	5.0	3.8	4.4	3.8	4.8	56.9
Total BCWS Staff		2.0	2.0	1.9	1.4	1.4	1.4	1.3	1.3	1.3	1.3	1.3	1.3	1.5
Hrs		312	266	245	241	200	209	190	239	179	209	183	228	2701
\$		25.8	27.2	23.8	19.6	17.3	17.8	16.7	19.5	16.1	17.8	16.3	26.7	244.5

WORK PACKAGE: 1A21400M PERMITTING FOR PHS II
Resp Org: 88300 AIR & WATER PERMITS

Scope of Work:
PREPARE PERMITTING DOC FOR "OTHER" PHASE II
LIQUID EFFLUENT STREAMS

Revision No: 02
Date: 12/02/93

CAP STATUS: R

Task: 1A21400M01 A2DAA PERMIT DOC FOR PHASE II

Scope of Work:
PREPARE PERMITTING DOCUMENTATION FOR "OTHER"
PHASE II LIQUID EFFLUENT STREAMS

Revision No: 02
Date: 12/02/93
Cin Num: SU94REP3
CAP STATUS: R

Performing Org: 88300 AIR & WATER PERMITS

E V Method: 5 MODIFIED MILESTONE METHOD

Parent WBS:

Approved By: ----- OLDHAM, RW

6-1044 Date: / /

Milestones:

Narrative

LEP-04-029 R 11/30/93 COMPLETE & SUBMIT SEPA CHECKLIST TO RL

LEP-94-030 K 12/31/93 SUBMIT WAC 173-2A6 PERMIT APPLICATIONS FOR 183-D AND B POND TO ECOLOGY

LEP9448/54 R 11/30/93 SUBMIT INTERIM COMPLIANCE 216 APPLICATIONS TO RL

Cost Elements:

Fiscal Year: 1994		Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Total
00 NON-EXEMPT	Staff	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
	Hrs	16	13	13	17	14	15	15	18	14	16	14	18	183
	\$	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.3	0.2	0.2	0.2	0.3	2.7
01 EXEMPT	Staff	1.0	1.0	1.0	1.0	0.7	0.7	0.7	0.7	0.5	0.5	0.5	0.5	0.7
	Hrs	156	133	129	172	100	104	102	129	69	81	71	88	1334
	\$	5.6	4.8	4.6	6.1	3.6	3.7	3.6	4.6	2.5	2.9	2.5	3.1	47.7
14 OFFICE SUPPL	\$	0.0	0.2	0.0	0.0	0.0	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.4
19 COMPUTER-HAR	\$	0.0	0.0	2.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.0
2L TRAINING-ONS	\$	0.0	0.0	1.0	0.0	0.0	0.0	1.0	0.0	0.0	0.0	1.0	0.0	3.0
2M TRAINING-OFF	\$	0.0	0.0	0.0	0.0	2.0	0.0	0.0	0.0	2.0	0.0	0.0	0.0	4.0
2T TRAVEL & LIV	\$	0.0	0.0	0.0	0.0	2.0	0.0	0.0	0.0	2.0	0.0	0.0	0.0	4.0
21 PO CONTRACTS	\$	0.0	37.0	0.0	37.0	0.0	37.3	0.0	0.0	0.0	0.0	0.0	0.0	111.3
4C MPR	\$	0.0	3.3	1.2	3.3	0.0	3.2	0.0	0.0	0.0	0.0	0.0	0.0	11.0
41 TRNG-SAFE&EN	\$	0.0	0.0	0.0	0.2	0.0	0.0	0.0	0.0	0.0	0.3	0.0	0.0	0.5
6P INFO SERVICE	\$	0.0	2.0	0.0	0.0	2.0	0.0	0.0	2.0	0.0	2.0	0.0	0.0	8.0

7C ORG OVERHEAD		1.9	1.6	1.5	2.0	1.2	1.3	1.2	1.6	0.9	1.0	0.9	1.1	16.1
Total BCWS	Staff	1.1	1.1	1.1	1.1	0.8	0.8	0.8	0.8	0.6	0.6	0.6	0.6	0.8
	Hrs	172	146	142	189	114	119	117	147	83	97	85	106	1517
	\$	7.8	49.1	10.5	48.9	11.0	45.9	6.1	8.4	7.5	6.4	4.6	4.5	210.7

Total BCWP: -----

Task: 1A21400M02 A2DAB SYSTEM ENG SUPT FOR W252	Scope of Work:	Revision No: 02
Performing Org: 86300 LIQUID EFFLUENT ENGINEERING	SUPPORT THE PREPARATION OF PERMIT DOCUMENTATION	Date: 12/02/93
E V Method: 2 PERCENT COMPLETE METHOD	FOR OTHER PHASE II LIQUID EFFLUENT STREAMS	Cin Num: SU94REP3
Parent WBS:		CAP STATUS: R
Approved By: ----- LINDSEY, DW	2-3087	Date: / /

Cost Elements:

Fiscal Year: 1994		Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Total
01 EXEMPT	Staff	0.0	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.3	0.0	0.0	0.0	0.0
	Hrs	0	27	0	0	0	0	0	0	41	0	0	0	68
	\$	0.0	1.1	0.0	0.0	0.0	0.0	0.0	0.0	1.6	0.0	0.0	0.0	2.7
7C ORG OVERHEAD		0.0	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.3	0.0	0.0	0.0	0.5
Total BCWS	Staff	0.0	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.3	0.0	0.0	0.0	0.0
	Hrs	0	27	0	0	0	0	0	0	41	0	0	0	68
	\$	0.0	1.3	0.0	0.0	0.0	0.0	0.0	0.0	2.0	0.0	0.0	0.0	3.3

Total BCWP: -----

Total Wp		Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Total
00 NON-EXEMPT	Staff	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
	Hrs	16	13	13	17	14	15	15	18	14	16	14	18	183
	\$	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.3	0.2	0.2	0.2	0.3	2.7
01 EXEMPT	Staff	1.0	1.2	1.0	1.0	0.7	0.7	0.7	0.7	0.8	0.5	0.5	0.5	0.8
	Hrs	156	160	129	172	100	104	102	129	110	81	71	88	1402
	\$	5.6	5.9	4.6	6.1	3.6	3.7	3.6	4.6	4.1	2.9	2.5	3.1	50.4
14 OFFICE SUPPL	\$	0.0	0.2	0.0	0.0	0.0	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.4
19 COMPUTER-HAR	\$	0.0	0.0	2.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.0
2L TRAINING-ONS	\$	0.0	0.0	1.0	0.0	0.0	0.0	1.0	0.0	0.0	0.0	1.0	0.0	3.0
2M TRAINING-OFF	\$	0.0	0.0	0.0	0.0	2.0	0.0	0.0	0.0	2.0	0.0	0.0	0.0	4.0
2T TRAVEL & LIV	\$	0.0	0.0	0.0	0.0	2.0	0.0	0.0	0.0	2.0	0.0	0.0	0.0	4.0
1 PO CONTRACTS	\$	0.0	37.0	0.0	37.0	0.0	37.3	0.0	0.0	0.0	0.0	0.0	0.0	111.3
4C MPR	\$	0.0	3.3	1.2	3.3	0.0	3.2	0.0	0.0	0.0	0.0	0.0	0.0	11.0
41 TRNG-SAFE&EN	\$	0.0	0.0	0.0	0.2	0.0	0.0	0.0	0.0	0.0	0.3	0.0	0.0	0.5

6P INFO SERVICE	\$	0.0	2.0	0.0	0.0	2.0	0.0	0.0	2.0	0.0	2.0	0.0	0.0	8.0
7C ORG OVERHEAD		1.9	1.8	1.5	2.0	1.2	1.3	1.2	1.6	1.2	1.0	0.9	1.1	16.7
Total BCWS	Staff	1.1	1.3	1.1	1.1	0.8	0.8	0.8	0.8	0.9	0.6	0.6	0.6	0.9
	Hrs	172	173	142	189	114	119	117	147	124	97	85	106	1585
	\$	7.8	50.4	10.5	48.9	11.0	45.9	6.1	8.4	9.5	6.4	4.6	4.5	214.0

WORK PACKAGE: 1A21400N SYSTEM ENG SUPPORT/IC
Resp Org: 86300 LIQUID EFFLUENT ENGINEERING

Scope of Work:
SYSTEM ENGINEERING SUPPORT/ INTERIM COMPLIANCE

Revision No: 02
Date: 12/02/93

CAP STATUS: R

Task: 1A2140CN01 A214N SYSTEM ENG SUPPORT/IC
Performing Org: 86300 LIQUID EFFLUENT ENGINEERING
E V Method: 4 LEVEL OF EFFORT METHOD
Parent WBS:

Scope of Work:
SYSTEM ENGINEERING SUPPORT TO INTERIM COMPLIANCE

Revision No: 03
Date: 12/02/93
Cin Num: SU94REP3
CAP STATUS: R

Approved By: ----- LINDSEY, DW 2-3087 Date: / /

Cost Elements:

Fiscal Year: 1994		Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Total
01 EXEMPT	Staff	0.0	0.0	0.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	2.3
	Hrs	0	0	0	516	429	447	438	552	414	483	423	525	4227
	\$	0.0	0.0	0.0	20.6	17.1	17.8	17.5	22.0	16.5	19.2	16.9	20.9	168.5
2B UNDIST BUDGE	\$	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
21 PO CONTRACTS	\$	0.0	0.0	0.0	86.4	86.4	86.4	86.4	86.4	86.4	86.4	86.4	167.4	858.6
7C ORG OVERHEAD		0.0	0.0	0.0	4.1	3.4	3.6	3.5	4.4	3.3	3.9	3.4	4.2	33.7
Total BCWS	Staff	0.0	0.0	0.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	2.3
	Hrs	0	0	0	516	429	447	438	552	414	483	423	525	4227
	\$	0.0	0.0	0.0	111.1	106.9	107.8	107.3	112.8	106.2	109.5	106.6	192.5	1060.7

Total BCWP:

Total Wp		Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Total
01 EXEMPT	Staff	0.0	0.0	0.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	2.3
	Hrs	0	0	0	516	429	447	438	552	414	483	423	525	4227
	\$	0.0	0.0	0.0	20.6	17.1	17.8	17.5	22.0	16.5	19.2	16.9	20.9	168.5
2B UNDIST BUDGE	\$	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
21 PO CONTRACTS	\$	0.0	0.0	0.0	86.4	86.4	86.4	86.4	86.4	86.4	86.4	86.4	167.4	858.6
7C ORG OVERHEAD		0.0	0.0	0.0	4.1	3.4	3.6	3.5	4.4	3.3	3.9	3.4	4.2	33.7
Total BCWS	Staff	0.0	0.0	0.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	2.3
	Hrs	0	0	0	516	429	447	438	552	414	483	423	525	4227
	\$	0.0	0.0	0.0	111.1	106.9	107.8	107.3	112.8	106.2	109.5	106.6	192.5	1060.7

Total CAP		Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Total
	Staff	4.5	4.6	4.6	4.6	4.6	4.6	4.5	4.5	4.5	3.5	3.5	3.5	4.3
00 NON-EXEMPT	Hrs	703	612	594	790	658	686	657	828	622	563	493	613	7819
	\$	15.0	13.1	12.5	16.6	13.8	14.4	13.9	17.5	13.1	11.5	10.1	12.6	164.2
	Staff	11.0	12.9	12.9	14.9	14.6	14.6	14.9	14.9	15.1	14.8	14.8	14.8	14.2
01 EXEMPT	Hrs	1716	1717	1666	2563	2089	2178	2175	2742	2082	2383	2087	2593	25991
	\$	59.5	59.9	57.1	90.7	73.9	77.1	76.9	97.0	73.9	84.3	73.9	91.8	915.9
10 MATL & EQUIP	\$	0.4	0.4	0.4	0.4	5.4	5.4	2.4	3.4	0.4	0.4	0.4	0.4	20.0
14 OFFICE SUPPL	\$	0.0	0.2	0.4	0.0	0.4	0.2	0.0	0.0	0.4	0.0	0.4	0.0	2.0
15 SHOP & LAB S	\$	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	3.6
19 COMPUTER-HAR	\$	5.0	5.0	12.0	3.0	9.0	9.0	6.0	6.0	6.0	3.0	3.0	2.9	69.9
2B UNDIST BUDGE	\$	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2L TRAINING-ONS	\$	0.0	4.0	5.0	0.0	0.0	0.0	1.0	0.0	0.0	0.0	1.0	8.0	19.0
2M TRAINING-OFF	\$	0.0	0.0	0.0	0.0	2.4	0.4	0.4	0.4	2.4	0.0	0.0	0.0	6.0
3T TRAVEL & LIV	\$	1.0	10.0	2.2	0.0	6.0	2.0	2.0	1.0	12.0	0.0	0.0	0.0	36.2
21 PO CONTRACTS	\$	12.5	49.5	12.5	135.9	113.9	151.2	113.9	113.9	98.9	98.9	98.9	179.9	1179.9
3D PNI	\$	0.0	0.0	0.0	0.0	8.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	8.0
3R KAISER	\$	0.0	0.0	0.0	0.0	6.0	6.0	6.0	6.0	6.0	0.0	0.0	0.0	30.0
4C MPR	\$	0.2	3.5	1.4	3.5	3.1	6.3	2.2	2.2	0.7	0.2	0.0	0.0	23.3
4K MISC	\$	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.0	11.0
4V FLEET	\$	0.0	0.0	0.0	0.0	1.5	1.5	1.5	1.5	2.0	2.0	0.0	0.0	10.0
41 TRNG-SAFE&EN	\$	0.3	0.3	0.3	0.5	0.3	0.3	0.3	0.3	0.2	0.5	0.2	0.2	3.7
5G SAMPLE ANALY	\$	71.9	71.9	71.9	71.9	71.9	71.9	71.9	71.9	71.9	71.9	71.9	71.9	862.7
6P INFO SERVICE	\$	3.0	5.0	3.0	3.0	15.0	13.0	13.0	15.0	13.0	5.0	3.0	3.0	94.0
7C ORG OVERHEAD		24.8	24.1	23.0	32.2	26.3	27.4	27.0	34.0	25.7	28.7	25.2	31.3	329.6
Total BCWS	Staff	15.5	17.5	17.5	19.5	19.2	19.2	19.4	19.4	19.6	18.3	18.3	18.3	18.5
	Hrs	2419	2329	2260	3353	2747	2864	2832	3570	2704	2946	2580	3206	33810
	\$	194.9	248.1	203.0	359.0	358.3	387.4	339.7	371.4	328.0	307.8	289.2	402.2	3789.0
Total GA/CSP		49.7	63.3	51.8	91.6	89.0	97.8	85.6	93.7	82.6	78.5	73.8	102.6	959.8
Total with GA/CSP		244.6	311.4	254.7	450.6	447.2	485.2	425.3	465.1	410.6	386.3	363.0	504.8	4748.9

Approval Signatures:

Function Mgr:

/ /

Cap Status

Budgets:

/ /

PBR/SCH:

/ /

R

C.A. Mgr:

/ /

Activity Mgr:

/ /

CA/WBS:	1A2DCN GROUNDWATER IMPACT ASSMNTS	Funding Source:	1994 EXPENSE	Cap Rev:	01	Cin:	SU94REP3	Start	Completion
CA Manager:	AJ KNEPP	CAP Orig Date :	07/22/93	Budget (K\$):	1424.1	Date		Date	
Resp Org:	81231 CERCLA GEOHYDROLOGY	Budget Analyst:	D2 - GOULET, PC	Phone:	6-4292	10/01/93		09/30/94	
GL Index:	RBY B & R Number: EW3130020 B & R Title: RICHLAND SOLID/LIQUID WASTE							CAP STATUS: R	

WORK PACKAGE: 1A2DCN01 TEST PIT SOIL SAMP FOR LIQ EFF Scope of Work: Revision No: 01
Resp Org: 81231 CERCLA GEOHYDROLOGY PROVIDE SPT FOR LIQ EFFLUENT SOIL SAMPLING PITS Date: 12/02/93
CAP STATUS: R

Task: 1A2DCN010A A2D1A SOIL SAMPLING	Scope of Work:	Revision No: 01
Performing Org: 81231 CERCLA GEOHYDROLOGY	PROVIDE BACKHOE SAMPLES	Date: 12/02/93
E V Method: 4 LEVEL OF EFFORT METHOD		Cin Num: SU94REP3
Parent WBS:		CAP STATUS: R
Approved By: ----- KNEPP AJ	6-3398 Date: / /	

Cost Elements:

[illegible]

Total BCWP:

Task: 1A2DCN010B A2D1B SOIL SAMPLING	Scope of Work:	Revision No: 01
Performing Org: 33530 ENVIRONMENTAL RESTORATION HP	HPT SPT FOR LIQ. EFF. SOIL SAMPLING	Date: 12/02/93
E V Method: 4 LEVEL OF EFFORT METHOD		Cin Num: SU94REP3
Parent WBS:		CAP STATUS: R
Approved By: ----- SMITH, KA	6-3323 Date: / /	

Cost Elements:

[illegible]

\$	0.0	0.0	0.0	0.0	8.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	8.3
----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----

Total BCWP:

Task: 1A2DCN010C A2D1C PERFORM SOIL SMPL. FOR LIQ EFF Scope of Work:

Revision No: 01

Performing Org: 12400 SHIFT RELIEF/DATA HANDLING

6 TEST PITS-SOIL SAMPLING AND SHIPPING

Date: 12/02/93

E V Method: 4 LEVEL OF EFFORT METHOD

Cin Num: SU94REP3

Parent WBS:

CAP STATUS: R

Approved By: ----- MARSHALL, RP-JR 3-2944 Date: / /

Cost Elements:

[illegible]

Total BCWP:

Task: 1A2DCN010D A2D1D FTL SPT & SITE SAFETY

Scope of Work:

Revision No: 01

Performing Org: 81700 ENVIRONMNTL FIELD SERVICES

FTL SUPPORT & SITE SAFETY, PREP HWOP

Date: 12/02/93

E V Method: 4 LEVEL OF EFFORT METHOD

Cin Num: SU94REP3

Parent WBS:

CAP STATUS: R

Approved By: ----- PRICE, WH 6-2192 Date: / /

Cost Elements:

Fiscal Year: 1994		Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Total
01 EXEMPT	Staff	0.0	0.0	0.0	0.0	2.0	1.3	0.0	0.0	0.0	0.0	0.0	0.0	0.3
	Hrs	0	0	0	0	286	194	0	0	0	0	0	0	480
	\$	0.0	0.0	0.0	0.0	10.0	6.8	0.0	0.0	0.0	0.0	0.0	0.0	16.8
10 MATL & EQUIP	\$	0.0	0.0	0.0	0.0	2.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.0
4C MPR	\$	0.0	0.0	0.0	0.0	0.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.3
7C ORG OVERHEAD		0.0	0.0	0.0	0.0	3.3	2.2	0.0	0.0	0.0	0.0	0.0	0.0	5.6
Total BCWS	Staff	0.0	0.0	0.0	0.0	2.0	1.3	0.0	0.0	0.0	0.0	0.0	0.0	0.3
	Hrs	0	0	0	0	286	194	0	0	0	0	0	0	480
	\$	0.0	0.0	0.0	0.0	15.6	9.1	0.0	0.0	0.0	0.0	0.0	0.0	24.7

Total BCWP:

Total Wp		Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Total
00 NON-EXEMPT	Staff	0.0	0.0	0.0	0.0	2.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.2
	Hrs	0	0	0	0	286	0	0	0	0	0	0	0	286
	\$	0.0	0.0	0.0	0.0	5.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	5.5
01 EXEMPT	Staff	0.0	0.0	0.0	0.0	3.5	1.3	0.0	0.0	0.0	0.0	0.0	0.0	0.4
	Hrs	0	0	0	0	501	194	0	0	0	0	0	0	695
	\$	0.0	0.0	0.0	0.0	17.7	6.8	0.0	0.0	0.0	0.0	0.0	0.0	24.5
06 BARGAINING U	Staff	0.0	0.0	0.0	0.0	1.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1
	Hrs	0	0	0	0	215	0	0	0	0	0	0	0	215
	\$	0.0	0.0	0.0	0.0	6.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	6.0
10 MATL & EQUIP	\$	0.0	0.0	0.0	0.0	6.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	6.0
4C MPR	\$	0.0	0.0	0.0	0.0	0.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.9
7C ORG OVERHEAD		0.0	0.0	0.0	0.0	9.5	2.2	0.0	0.0	0.0	0.0	0.0	0.0	11.7
Total BCWS	Staff	0.0	0.0	0.0	0.0	7.0	1.3	0.0	0.0	0.0	0.0	0.0	0.0	0.7
	Hrs	0	0	0	0	1002	194	0	0	0	0	0	0	1196
	\$	0.0	0.0	0.0	0.0	45.5	9.1	0.0	0.0	0.0	0.0	0.0	0.0	54.5

WORK PACKAGE: 1A2DCN02 NONDRILLING SAMPLING LIQ EFF
Resp Org: 81231 CERCLA GEOHYDROLOGY

Scope of Work:
PROVIDE SAMPLING & ANALYSIS SPT FOR LIQ EFFLUENT

Revision No: 01
Date: 12/02/93

CAP STATUS: R

Task: 1A2DCN020A A2D2A SAMPLING & ANAL SPT
Performing Org: 81231 CERCLA GEOHYDROLOGY
E V Method: 2 PERCENT COMPLETE METHOD
Parent WBS:
Approved By: ----- KNEPP AJ

Scope of Work:
PROVIDE SAMPLING & ANALYSIS SPT

Revision No: 01
Date: 12/02/93
Cin Num: SU94REP3
CAP STATUS: R

6-3398 Date: / /

Milestones: Narrative
01 0 05/30/94 COMPLETE SOIL SAMPLING

Cost Elements:

Fiscal Year: 1994		Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Total
01 EXEMPT	Staff	0.0	0.0	0.0	0.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.0	0.6
	Hrs	0	0	0	0	143	149	146	184	138	161	141	0	1062
	\$	0.0	0.0	0.0	0.0	5.0	5.2	5.1	6.5	4.8	5.7	4.9	0.0	37.3
10 MATL & EQUIP	\$	0.0	0.0	0.0	1.0	1.0	1.0	1.0	1.0	0.0	0.0	0.0	0.0	5.0
0 PNL	\$	0.0	0.0	0.0	0.0	28.0	28.0	28.0	28.0	28.0	28.0	0.0	0.0	168.0
4C MPR	\$	0.0	0.0	0.0	0.1	0.1	0.1	0.1	0.1	0.0	0.0	0.0	0.0	0.5
7C ORG OVERHEAD		0.0	0.0	0.0	0.0	1.7	1.7	1.7	2.1	1.6	1.9	1.6	0.0	12.3

Total BCWS	Staff	0.0	0.0	0.0	0.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.0	0.6
	Hrs	0	0	0	0	143	149	146	184	138	161	141	0	1062
	\$	0.0	0.0	0.0	1.1	35.8	36.1	35.9	37.7	34.4	35.5	6.6	0.0	223.1

Total BCWP: -----

Task: 1A2DCN020B A2D2B ANAL. PHYSICAL SAMPLES	Scope of Work:	Revision No: 01
Performing Org: 81231 CERCLA GEOHYDROLOGY	ANAL. PHYSICAL SAMPLES BY GEOTECHNICAL ENGR. TEST1	Date: 12/02/93
E V Method: 2 PERCENT COMPLETE METHOD	NG	Cin Num: SU94REP3
Parent WBS:		CAP STATUS: R
Approved By: ----- KNEPP AJ	6-3398	Date: / /

Milestones: Narrative
01 0 04/30/94 COMPLETE PHYSICAL ANALYSIS

Cost Elements:

Fiscal Year: 1994		Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Total
21 PO CONTRACTS	\$	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
45 377 LAB SAMP	\$	0.0	0.0	0.0	0.0	15.0	15.0	15.0	15.0	0.0	0.0	0.0	0.0	60.0
7C ORG OVERHEAD		0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Total BCWS	Staff	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	Hrs	0	0	0	0	0	0	0	0	0	0	0	0	0
	\$	0.0	0.0	0.0	0.0	15.0	15.0	15.0	15.0	0.0	0.0	0.0	0.0	60.0

Total BCWP: -----

Task: 1A2DCN020C A2D2C LAB ANAL SOIL SMPLS RAD	Scope of Work:	Revision No: 01
Performing Org: 12400 SHIFT RELIEF/DATA HANDLING	ANAL 70 SOIL SAMPLES FOR RAD ANALYSIS	Date: 12/02/93
E V Method: 2 PERCENT COMPLETE METHOD		Cin Num: SU94REP3
Parent WBS:		CAP STATUS: R
Approved By: ----- MARSHALL, RP-JR	3-2944	Date: / /

Milestones: Narrative
01 0 04/30/94 COMPLETE RAD ANALYSIS OF SOILS

Cost Elements:

Fiscal Year: 1994		Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Total
	Staff	0.0	0.0	0.0	0.0	2.0	2.0	2.1	2.1	2.1	2.1	0.0	0.0	1.0
06 BARGAINING U	Hrs	0	0	0	0	286	298	307	386	290	338	0	0	1905
	\$	0.0	0.0	0.0	0.0	7.8	8.1	8.6	10.8	8.1	9.4	0.0	0.0	52.8
10 MATL & EQUIP	\$	0.0	0.0	0.0	0.0	10.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	10.0
4C MPR	\$	0.0	0.0	0.0	0.0	1.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.5
7C ORG OVERHEAD		0.0	0.0	0.0	0.0	1.9	2.0	2.1	2.6	2.0	2.3	0.0	0.0	12.9
Total BCWS	Staff	0.0	0.0	0.0	0.0	2.0	2.0	2.1	2.1	2.1	2.1	0.0	0.0	1.0

Hrs	0	0	0	0	286	298	307	386	290	338	0	0	1905
\$	0.0	0.0	0.0	0.0	21.2	10.1	10.7	13.4	10.1	11.8	0.0	0.0	77.2

Total BCWP:

Total Wp		Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Total
Staff		0.0	0.0	0.0	0.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.0	0.6
01 EXEMPT	Hrs	0	0	0	0	143	149	146	184	138	161	141	0	1062
	\$	0.0	0.0	0.0	0.0	5.0	5.2	5.1	6.5	4.8	5.7	4.9	0.0	37.3
Staff		0.0	0.0	0.0	0.0	2.0	2.0	2.1	2.1	2.1	2.1	0.0	0.0	1.0
06 BARGAINING U	Hrs	0	0	0	0	286	298	307	386	290	338	0	0	1905
	\$	0.0	0.0	0.0	0.0	7.8	8.1	8.6	10.8	8.1	9.4	0.0	0.0	52.8
10 MATL & EQUIP	\$	0.0	0.0	0.0	1.0	11.0	1.0	1.0	1.0	0.0	0.0	0.0	0.0	15.0
21 PO CONTRACTS	\$	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3D PNL	\$	0.0	0.0	0.0	0.0	28.0	28.0	28.0	28.0	28.0	28.0	0.0	0.0	168.0
4C MPR	\$	0.0	0.0	0.0	0.1	1.6	0.1	0.1	0.1	0.0	0.0	0.0	0.0	2.0
45 377 LAB SAMP	\$	0.0	0.0	0.0	0.0	15.0	15.0	15.0	15.0	0.0	0.0	0.0	0.0	60.0
7C ORG OVERHEAD		0.0	0.0	0.0	0.0	3.6	3.7	3.8	4.8	3.6	4.2	1.6	0.0	25.2
Total BCWS	Staff	0.0	0.0	0.0	0.0	3.0	3.0	3.1	3.1	3.1	3.1	1.0	0.0	1.6
	Hrs	0	0	0	0	429	447	453	570	428	499	141	0	2967
	\$	0.0	0.0	0.0	1.1	71.9	61.1	61.6	66.1	44.5	47.3	6.6	0.0	360.3

WORK PACKAGE: 1A2DCN03 PROJECT MANAGEMENT LIQ EFF
Resp Org: 81231 CERCLA GEOHYDROLOGY

Scope of Work:

PROJECT COORDINATION, PROJECT SCIENTISTS & TECHNIC
AL SUPPORT

Revision No: 01

Date: 12/02/93

CAP STATUS: R

Task: 1A2DCN030B A2D3B PROJECT MANAGEMENT SUPPORT

Performing Org: 24320 ENVIRONMENTAL PROJECTS

E V Method: 4 LEVEL OF EFFORT METHOD

Parent WBS:

Approved By: ----- TAKASUMI, DS

Scope of Work:

PROVIDE PROJECT MANAGEMENT SUPPORT

Revision No: 01

Date: 12/02/93

Cin Num: SU94REP3

CAP STATUS: R

2-0249 Date: / /

Cost Elements:

Fiscal Year: 1994		Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Total
Staff		0.1	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
01 EXEMPT	Hrs	15	25	26	34	29	30	29	37	28	32	28	35	348
	\$	0.6	1.0	1.0	1.3	1.1	1.2	1.1	1.5	1.1	1.3	1.1	1.4	13.7
7C ORG OVERHEAD		0.3	0.5	0.5	0.6	0.5	0.5	0.5	0.7	0.5	0.6	0.5	0.6	6.3
Total BCWS	Staff	0.1	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
	Hrs	15	25	26	34	29	30	29	37	28	32	28	35	348
	\$	0.9	1.5	1.5	2.0	1.7	1.7	1.7	2.1	1.6	1.8	1.6	2.0	20.0

Total BCWP: -----

Task: 1A2DCN030C A2D3C 216-U-14 DITCH MODELING
 Performing Org: 62110 SCIENTIFIC/ENGRG S/W SYSTEMS
 E V Method: 4 LEVEL OF EFFORT METHOD
 Parent WBS:

Scope of Work:
 PROVIDE MODELING SUPPORT FOR 216-U-14 DITCH

Revision No: 01
 Date: 12/02/93
 Cin Num: SU94REP3
 CAP STATUS: R

Approved By: ----- HIRANO, RT-ACT 6-1700 Date: / /

Milestones:

Narrative

01 0 01/17/94 PROVIDE MODEL SECTION OF GROUNDWATER IMPACT ASSESSMENT FOR 216-U-14 DITCH

Cost Elements:

Fiscal Year: 1994		Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Total
01 EXEMPT	Staff	0.4	0.5	0.5	0.4	0.5	0.5	0.5	0.4	0.5	0.4	0.5	0.4	0.5
	Hrs	70	70	70	70	70	70	70	70	70	70	70	70	840
	\$	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	29.7
7C ORG OVERHEAD		1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	17.7
Total BCWS	Staff	0.4	0.5	0.5	0.4	0.5	0.5	0.5	0.4	0.5	0.4	0.5	0.4	0.5
	Hrs	70	70	70	70	70	70	70	70	70	70	70	70	840
	\$	4.0	4.0	3.9	3.9	3.9	3.9	3.9	3.9	3.9	3.9	3.9	3.9	47.4

Total BCWP: -----

Total Wp		Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Total
01 EXEMPT	Staff	0.5	0.7	0.7	0.6	0.7	0.7	0.7	0.6	0.7	0.6	0.7	0.6	0.7
	Hrs	85	95	96	104	99	100	99	107	98	102	98	105	1188
	\$	3.1	3.5	3.5	3.8	3.6	3.7	3.6	3.9	3.6	3.7	3.6	3.8	43.4
7C ORG OVERHEAD		1.8	2.0	1.9	2.1	2.0	2.0	2.0	2.1	2.0	2.0	2.0	2.1	24.0
Total BCWS	Staff	0.5	0.7	0.7	0.6	0.7	0.7	0.7	0.6	0.7	0.6	0.7	0.6	0.7
	Hrs	85	95	96	104	99	100	99	107	98	102	98	105	1188
	\$	4.9	5.5	5.4	5.9	5.6	5.7	5.6	6.1	5.5	5.8	5.5	5.9	67.4

Total CAP		Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Total
00 NON-EXEMPT	Staff	0.0	0.0	0.0	0.0	2.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.2
	Hrs	0	0	0	0	286	0	0	0	0	0	0	0	286
	\$	0.0	0.0	0.0	0.0	5.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	5.5
01 EXEMPT	Staff	0.5	0.7	0.7	0.6	5.2	3.0	1.7	1.6	1.7	1.6	1.7	0.6	1.6
	Hrs	85	95	96	104	743	443	245	291	236	263	239	105	2945
	\$	3.1	3.5	3.5	3.8	26.3	15.7	8.7	10.4	8.4	9.4	8.5	3.8	105.2
06 BARGAINING U	Staff	0.0	0.0	0.0	0.0	3.5	2.0	2.1	2.1	2.1	2.1	0.0	0.0	1.2
	Hrs	0	0	0	0	501	298	307	386	290	338	0	0	2120
	\$	0.0	0.0	0.0	0.0	13.8	8.1	8.6	10.8	8.1	9.4	0.0	0.0	58.8
10 MATL & EQUIP		\$	0.0	0.0	0.0	1.0	17.0	1.0	1.0	1.0	0.0	0.0	0.0	21.0

21 PO CONTRACTS	\$	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3D PNL	\$	0.0	0.0	0.0	0.0	28.0	28.0	28.0	28.0	28.0	28.0	0.0	0.0	168.0
4C MPR	\$	0.0	0.0	0.0	0.1	2.5	0.1	0.1	0.1	0.0	0.0	0.0	0.0	2.9
45 377 LAB SAMP	\$	0.0	0.0	0.0	0.0	15.0	15.0	15.0	15.0	0.0	0.0	0.0	0.0	60.0
7C ORG OVERHEAD		1.8	2.0	1.9	2.1	15.0	8.0	5.8	6.9	5.6	6.2	3.6	2.1	60.9
Total BCWS	Staff	0.5	0.7	0.7	0.6	10.7	5.0	3.8	3.7	3.8	3.7	1.7	0.6	3.0
	Hrs	85	95	96	104	1530	741	552	677	526	601	239	105	5351
	\$	4.9	5.5	5.4	7.0	123.0	75.8	67.2	72.2	50.1	53.1	12.1	5.9	482.2
Total GA/CSP		1.2	1.4	1.4	1.8	26.6	14.6	12.4	13.7	8.0	8.8	3.1	1.5	94.6
Total with GA/CSP		6.1	6.8	6.8	8.8	149.7	90.4	79.6	85.9	58.1	61.9	15.2	7.5	576.8

Approval Signatures:

Function Mgr:

/ /

Cap Status

Budgets:

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PBR/SCH:

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R

C.A. Mgr:

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Activity Mgr:

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CA/WBS: 1A2DCU LEMIS DEV/MAINT Funding Source: 1994 EXPENSE Cap Rev: 01 Cin: SU94REP3 Start Completion
CA Manager: L TOWNER CAP Orig Date : 10/14/92 Budget (K\$): 564.0 Date Date
Resp Org: 62230 ENVIRONMENTAL SYSTEMS Budget Analyst: D8 - TAKATA, NELSON Phone: 372-089510/01/93 09/30/94
GL Index: RBY B & R Number: EW3130020 B & R Title: RICHLAND SOLID/LIQUID WASTE CAP STATUS: R

WORK PACKAGE: 1A2DCU07 LEMIS RELEASE 4 Scope of Work: Revision No: 00
Resp Org: 62230 ENVIRONMENTAL SYSTEMS RELEASE 4 OF LEMIS SOFTWARE AND DOCUMENTATION Date: 09/22/93

CAP STATUS: R

Task: 1A2DCU0700 ALR04 LEMIS RELEASE 4 Scope of Work: Revision No: 00
Performing Org: 62230 ENVIRONMENTAL SYSTEMS RELEASE 4 OF LEMIS SOFTWARE AND DOCUMENTATION Date: 09/22/93
E V Method: 2 PERCENT COMPLETE METHOD Cin Num: SU94REP3
Parent WBS: CAP STATUS: R
Approved By: ----- GUETTLER, DA 6-2552 Date: / /

Milestones: Narrative

- 1 0 04/01/94 SOFTWARE DELIVERY
- 2 0 05/01/94 DOCUMENTATION DELIVERY

Cost Elements:

Fiscal Year: 1994		Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Total
01 EXEMPT	Staff	3.6	3.6	3.6	3.6	3.6	3.6	0.8	0.0	0.0	0.0	0.0	0.0	1.9
	Hrs	562	479	464	619	515	536	117	0	0	0	0	0	3292
	\$	20.1	17.2	16.4	21.9	18.2	18.9	4.1	0.0	0.0	0.0	0.0	0.0	116.8
6P INFO SERVICE	\$	1.2	1.2	1.2	1.2	1.2	1.2	1.0	0.5	0.0	0.0	0.0	0.0	8.7
7C ORG OVERHEAD		12.0	10.2	9.7	13.0	10.8	11.3	2.5	0.0	0.0	0.0	0.0	0.0	69.5
Total BCWS	Staff	3.6	3.6	3.6	3.6	3.6	3.6	0.8	0.0	0.0	0.0	0.0	0.0	1.9
	Hrs	562	479	464	619	515	536	117	0	0	0	0	0	3292
	\$	33.3	28.6	27.3	36.1	30.2	31.4	7.6	0.5	0.0	0.0	0.0	0.0	195.0

Total BCWP:

Total Wp		Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Total
01 EXEMPT	Staff	3.6	3.6	3.6	3.6	3.6	3.6	0.8	0.0	0.0	0.0	0.0	0.0	1.9
	Hrs	562	479	464	619	515	536	117	0	0	0	0	0	3292
	\$	20.1	17.2	16.4	21.9	18.2	18.9	4.1	0.0	0.0	0.0	0.0	0.0	116.8
6P INFO SERVICE	\$	1.2	1.2	1.2	1.2	1.2	1.2	1.0	0.5	0.0	0.0	0.0	0.0	8.7
7C ORG OVERHEAD		12.0	10.2	9.7	13.0	10.8	11.3	2.5	0.0	0.0	0.0	0.0	0.0	69.5
Total BCWS	Staff	3.6	3.6	3.6	3.6	3.6	3.6	0.8	0.0	0.0	0.0	0.0	0.0	1.9
	Hrs	562	479	464	619	515	536	117	0	0	0	0	0	3292
	\$	33.3	28.6	27.3	36.1	30.2	31.4	7.6	0.5	0.0	0.0	0.0	0.0	195.0

Total CAP		Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Total
	Staff	3.6	3.6	3.6	3.6	3.6	3.6	0.8	0.0	0.0	0.0	0.0	0.0	1.9
01 EXEMPT	Hrs	562	479	464	619	515	536	117	0	0	0	0	0	3292
	\$	20.1	17.2	16.4	21.9	18.2	18.9	4.1	0.0	0.0	0.0	0.0	0.0	116.8
6P INFO SERVICE	\$	1.2	1.2	1.2	1.2	1.2	1.2	1.0	0.5	0.0	0.0	0.0	0.0	8.7
7C ORG OVERHEAD		12.0	10.2	9.7	13.0	10.8	11.3	2.5	0.0	0.0	0.0	0.0	0.0	69.5
Total BCWS	Staff	3.6	3.6	3.6	3.6	3.6	3.6	0.8	0.0	0.0	0.0	0.0	0.0	1.9
	Hrs	562	479	464	619	515	536	117	0	0	0	0	0	3292
	\$	33.3	28.6	27.3	36.1	30.2	31.4	7.6	0.5	0.0	0.0	0.0	0.0	195.0
Total GA/CSP		8.5	7.3	7.0	9.2	7.7	8.0	1.9	0.1	0.0	0.0	0.0	0.0	49.7
Total with GA/CSP		41.8	35.9	34.3	45.2	37.9	39.4	9.5	0.6	0.0	0.0	0.0	0.0	244.7

Approval Signatures:

Function Mgr:

/ /

Cap Status

Budgets:

/ /

PBR/SCH:

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R

C.A. Mgr:

/ /

Activity Mgr:

/ /

CA/WBS: 1A2210 200 AREA ETF OPERATIONS Funding Source: 1994 EXPENSE Cap Rev: 02 Cin: SU94REP3 Start Completion
CA Manager: WEAVER, BF CAP Orig Date : 11/12/93 Budget (K\$): 9135.0 Date Date
Resp Org: 86200 200 A LIQUID EFFLUENT FAC Budget Analyst: G2 - ALLENDER, CM Phone: 2-2603 10/01/93 09/30/94
GL Index: RBY B & R Number: EW3130020 B & R Title: RICHLAND SOLID/LIQUID WASTE CAP STATUS: R

WORK PACKAGE: 1A22100A ETF HIRE/TRAIN STAFF Scope of Work: Revision No: 02
Resp Org: 86220 EFFL TREAT FACILITIES OPERS ETF FACILITY OPERATIONS Date: 12/02/93

CAP STATUS: R

Task: 1A22100A01 A2B51 ETF HIRE/TRAIN STAFF Scope of Work: Revision No: 02
Performing Org: 86200 200 A LIQUID EFFLUENT FAC HIRE/TRAIN & EQUIP STAFF; ADMINISTRATIVE ACTIVITIE Date: 12/02/93
E V Method: 4 LEVEL OF EFFORT METHOD S Cin Num: SU94REP3
Parent WBS: CAP STATUS: R
Approved By: ----- WEAVER, WF 2-0968 Date: / /

Milestones: Narrative
A2B51-01 T 06/30/94 INITIATE OTP FOR THE 200 AREA ETF (M-17-14D) (LEP-94-001)

Cost Elements:

Fiscal Year: 1994		Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Total
00 NON-EXEMPT	Staff	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
	Hrs	156	133	129	172	143	149	146	184	138	161	141	175	1827
	\$	2.5	2.1	2.0	2.7	2.3	2.4	2.3	2.9	2.2	2.5	2.2	2.8	28.9
01 EXEMPT	Staff	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0
	Hrs	312	266	258	344	286	298	292	368	276	322	282	350	3654
	\$	12.6	10.8	10.3	13.7	11.4	11.9	11.6	14.7	11.0	12.8	11.2	13.9	146.0
10 MATL & EQUIP	\$	3.0	0.0	0.0	3.0	0.0	0.0	3.0	3.0	3.0	3.0	3.0	3.0	24.0
14 OFFICE SUPPL	\$	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	24.0
19 COMPUTER-HAR	\$	0.0	5.0	10.0	10.0	10.0	10.0	15.0	15.0	15.0	15.0	15.0	15.0	135.0
2L TRAINING-ONS	\$	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	12.0
2M TRAINING-OFF	\$	0.0	2.0	0.0	2.0	0.0	2.0	0.0	2.0	0.0	2.0	0.0	2.0	12.0
2T TRAVEL & LIV	\$	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	60.0
4C MPR	\$	1.0	2.5	2.5	3.0	3.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	40.0
4V FLEET	\$	0.0	0.9	1.0	1.0	1.0	1.0	2.0	2.0	2.0	2.0	3.0	3.0	18.9
41 TRNG-SAFE&EN	\$	1.0	1.0	1.0	1.5	1.5	1.5	1.5	2.0	2.0	2.0	2.5	2.5	20.0
7C ORG OVERHEAD		3.0	2.6	2.5	3.3	2.7	2.8	2.8	3.5	2.6	3.1	2.7	3.3	35.0
Total BCWS	Staff	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0
	Hrs	468	399	387	516	429	447	438	552	414	483	423	525	5481
	\$	31.2	34.9	37.3	48.2	39.9	43.6	50.2	57.1	49.8	54.4	51.7	57.6	555.7

Total BCWP:

Task: 1A22100A02 A2B52 ETF OPERATOR TRAINING
Performing Org: 86220 EFFL TREAT FACILITIES OPERS
E V Method: 2 PERCENT COMPLETE METHOD
Parent WBS:

Scope of Work:
ETF OPERATOR TRAINING

Revision No: 02
Date: 12/02/93
Cin Num: SU94REP3
CAP STATUS: R

Approved By: ----- WURZ, RB

3-4056 Date: / /

Milestones: Narrative
A2B52-01 O 09/30/94 OPERATOR HIRING COMPLETE

Cost Elements:

Fiscal Year: 1994	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Total
Staff	5.0	5.0	5.0	5.0	5.0	10.0	10.0	10.0	10.0	19.0	25.0	25.0	11.2
06 BARGAINING U Hrs	780	665	645	860	715	1490	1460	1840	1380	3059	3525	4375	20794
\$	23.6	20.1	19.2	25.6	21.3	44.4	44.8	56.5	42.4	93.9	108.2	134.3	634.6
07 BU OVERTIME Hrs	19	19	19	19	19	56	55	55	55	18	18	18	370
\$	1.0	1.0	1.0	1.0	1.0	2.9	3.0	3.0	3.0	1.0	1.0	1.0	19.7
10 MATL & EQUIP \$	0.0	2.0	0.0	2.0	0.0	3.4	0.0	0.0	0.0	0.0	0.0	0.0	7.4
14 OFFICE SUPPL \$	1.0	0.0	1.0	0.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	10.0
4C MPR \$	0.1	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	3.4
7C ORG OVERHEAD	4.9	4.2	4.0	5.3	4.5	9.5	9.6	11.9	9.1	19.0	21.8	27.1	130.9
Total BCWS Staff	5.0	5.0	5.0	5.0	5.0	10.0	10.0	10.0	10.0	19.0	25.0	25.0	11.2
Hrs	799	684	664	879	734	1546	1515	1895	1435	3077	3543	4393	21164
\$	30.6	27.7	25.6	34.3	28.1	61.5	58.6	72.6	55.7	115.2	132.4	163.7	805.9

Total BCWP: -----

Task: 1A22100A03 A2B53 ETF MAINTENANCE CRAFT TRAINING Scope of Work:
Performing Org: 86260 200A LIQ EFFL FAC MAINTENANCE ETF MAINTENANCE CRAFT TRAINING
E V Method: 2 PERCENT COMPLETE METHOD
Parent WBS:

Revision No: 02
Date: 12/02/93
Cin Num: SU94REP3
CAP STATUS: R

Approved By: ----- SULLIVAN, NJ

3-5643 Date: / /

Milestones: Narrative
A2B53-01 O 09/01/94 CRAFT HIRING 33% COMPLETE

A2B53-02 O 09/30/94 CRAFT HIRING 66% COMPLETE

Cost Elements:

Fiscal Year: 1994	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Total
Staff	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	3.0	4.0	4.0	4.0	1.3
06 BARGAINING U Hrs	0	0	0	0	0	0	0	0	414	644	564	700	2322
\$	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	12.7	19.8	17.3	21.5	71.3
7C ORG OVERHEAD	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.5	4.0	3.5	4.3	14.3

Total BCWS	Staff	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	3.0	4.0	4.0	4.0	1.3
	Hrs	0	0	0	0	0	0	0	0	414	644	564	700	2322
	\$	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	15.3	23.7	20.8	25.8	85.6

Total BCWP:

Task:	1A22100A04 A2B54 ETF TRAINING MODELS	Scope of Work:	Revision No: 02
Performing Org:	86240 200 AREA ETF OP ANALYS & SUPP	DEVELOP HARD MODEL AND COMPUTER MODEL FOR ETF	Date: 12/02/93
E V Method:	2 PERCENT COMPLETE METHOD		Cin Num: SU94REP3
Parent WBS:			CAP STATUS: R
Approved By:	----- WARRINER, RD	6-6956	Date: / /

Milestones:	Narrative
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A2B54-01 O 05/01/94 HARD MODEL COMPLETE

A2B54-02 O 09/30/94 COMPUTER GRAPHICS TRAINING TOOL IN PLACE

Cost Elements:

[illegible]

Total BCWP:

[illegible]

2M TRAINING-OFF	\$	0.0	2.0	0.0	2.0	0.0	2.0	0.0	2.0	0.0	2.0	0.0	2.0	12.0
2T TRAVEL & LIV	\$	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	60.0
4C MPR	\$	1.1	2.8	2.8	3.3	3.3	4.3	4.3	4.3	4.3	4.3	4.3	4.3	43.4
4V FLEET	\$	0.0	0.9	1.0	1.0	1.0	1.0	2.0	2.0	2.0	2.0	3.0	3.0	18.9
4I TRNG-SAFE&EN	\$	1.0	1.0	1.0	1.5	1.5	1.5	1.5	2.0	2.0	2.0	2.5	2.5	20.0
6P INFO SERVICE	\$	8.3	8.3	8.3	8.3	8.3	3.6	3.6	3.6	3.6	3.6	3.6	3.6	66.7
7C ORG OVERHEAD		7.9	6.8	6.5	8.6	7.2	12.3	12.3	15.4	14.2	26.0	28.0	34.7	180.1
Total BCWS	Staff	8.0	8.0	8.0	8.0	8.0	13.0	13.0	13.0	16.0	26.0	32.0	32.0	15.4
	Hrs	1267	1083	1051	1395	1163	1993	1953	2447	2263	4204	4530	5618	28967
	\$	70.1	70.8	71.2	90.8	76.3	108.7	112.5	133.3	124.4	197.0	208.4	250.6	1513.9

WORK PACKAGE: 1A22100B ETF ADMINISTRATIVE PROCEDURES
Resp Org: 86240 200 AREA ETF OP ANALYS & SUPP

Scope of Work:
DEVELOP ETF ADMINISTRATIVE PROCEDURES

Revision No: 02
Date: 12/02/93

CAP STATUS: R

Task: 1A22100B01 A2B21 ADMINISTRATIVE PROCEDURES
Performing Org: 86240 200 AREA ETF OP ANALYS & SUPP
E V Method: 2 PERCENT COMPLETE METHOD
Parent WBS:
Approved By: ----- WARRINER, RD

Scope of Work:
DEVELOP ETF ADMINISTRATIVE PROCEDURES

Revision No: 02
Date: 12/02/93
Cin Num: SU94REP3
CAP STATUS: R

6-6956 Date: / /

Milestones:	Narrative
A2B21-01	R 01/31/94 COMPLETE ADMINISTRATIVE PROCEDURES

Cost Elements:

[illegible]

Total BCWP:

[illegible]

[illegible]

WORK PACKAGE: 1A22100C ETF TRAINING
Resp Org: 83110 OPERATIONS TRAINING

Scope of Work:
CONDUCT ETE TRAINING

Revision No: 02
Date: 12/02/93

CAP STATUS: R

Task: 1A22100C01 A2B31 ETF TRAINING
Performing Org: 065A0 LIQUID WASTE TRAINING
E V Method: 2 PERCENT COMPLETE METHOD
Parent WBS:

Scope of Work:
CONDUCT ETF TRAINING

Revision No: 02
Date: 12/02/93
Cin Num: SU94REP3
CAP STATUS: R

Approved By: ----- MORTON, T 2-1198 Date: / /

Milestones:

Narrative

A2B31-01 O 12/31/93 IMPLEMENT ETF SPECIFIC TRAINING PLAN

A2B31-02 O 01/31/94 IMPLEMENT MANDATORY TRAINING MATRIX DATA BASE

A2B31-03 O 01/31/94 COMPLETE OPERATIONS, MAINTENANCE, AND ENGINEERING JOB ANALYSES

A2B31-04 O 06/30/94 COMPLETE OPERATIONS, MAINTENANCE, AND ENGINEERING TRAINING DEVELOPMENT

A2B31-05 O 09/30/94 COMPLETE OPERATIONS, MAINTENANCE, AND ENGINEERING INITIAL CLASSROOM TRAINING

A2B31-06 R 09/30/94 COMPLETE OJT (M-17-93-07) (LEP-94-004)

Cost Elements:

[illegible]

7C ORG OVERHEAD		4.9	4.2	4.8	6.4	5.3	5.6	5.5	6.9	5.2	6.0	5.3	6.5	66.5
Total BCWS	Staff	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5
	Hrs	390	333	323	430	358	373	365	460	345	403	353	438	4571
	\$	18.6	16.1	27.1	32.0	28.8	29.5	29.1	33.4	28.2	30.8	28.5	32.4	334.4

Total BCWP:

Total Wp		Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Total
	Staff	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5
00 NON-EXEMPT	Hrs	78	67	65	86	72	75	73	92	69	81	71	88	917
	\$	1.3	1.1	1.1	1.4	1.2	1.2	1.2	1.5	1.1	1.3	1.2	1.4	15.1
	Staff	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0
01 EXEMPT	Hrs	312	266	258	344	286	298	292	368	276	322	282	350	3654
	\$	10.7	9.1	8.7	11.6	9.6	10.0	9.8	12.4	9.3	10.9	9.5	11.8	123.5
10 MATL & EQUIP	\$	0.0	0.0	0.0	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.9
21 PO CONTRACTS	\$	0.0	0.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	100.0
4C MPR	\$	0.0	0.0	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	8.0
41 TRNG-SAFE&EN	\$	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	8.4
6P INFO SERVICE	\$	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	12.0
7C ORG OVERHEAD		4.9	4.2	4.8	6.4	5.3	5.6	5.5	6.9	5.2	6.0	5.3	6.5	66.5
Total BCWS	Staff	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5
	Hrs	390	333	323	430	358	373	365	460	345	403	353	438	4571
	\$	18.6	16.1	27.1	32.0	28.8	29.5	29.1	33.4	28.2	30.8	28.5	32.4	334.4

WORK PACKAGE: 1A22100D ETF MAINTENANCE
Resp Org: 86260 200A LIQ EFFL FAC MAINTENANCE

Scope of Work:
ETF MAINTENANCE, PROCEDURES

Revision No: 02
Date: 12/02/93

CAP STATUS: R

Task: 1A22100D01 A2B41 ETF MAINTENANCE
Performing Org: 86260 200A LIQ EFFL FAC MAINTENANCE
E V Method: 2 PERCENT COMPLETE METHOD
Parent WBS:
Approved By: ----- SULLIVAN, NJ

Scope of Work:
COORDINATE ETF MAINTENANCE AND PROCURE EQUIPMENT

Revision No: 02
Date: 12/02/93
Cin Num: SU94REP3
CAP STATUS: R

3-5643 Date: / /

Milestones: Narrative
A2B41-01 O 06/01/94 IDENTIFY MAINTENANCE EQUIPMENT NEEDS
A2B41-02 O 09/30/94 OBTAIN MAINTENANCE EQUIPMENT

Cost Elements:

Fiscal Year: 1994	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Total
Staff	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.0	1.0	1.0	1.0	0.3

00 NON-EXEMPT	Hrs	0	0	0	0	0	0	0	0	138	161	141	175	615
	\$	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.2	2.5	2.2	2.8	9.7
	Staff	1.0	2.0	2.0	2.0	2.0	2.0	3.0	3.0	3.0	3.0	3.0	3.0	2.4
01 EXEMPT	Hrs	156	266	258	344	286	298	438	552	414	483	423	525	4443
	\$	6.3	10.8	10.3	13.7	11.4	11.9	17.5	22.0	16.5	19.2	16.9	20.9	177.3
10 MATL & EQUIP	\$	0.0	0.0	0.0	0.0	0.0	0.0	0.0	50.0	50.0	50.0	50.0	50.0	250.0
4C MPR	\$	0.0	0.0	0.0	0.0	0.0	0.0	0.0	10.0	10.0	10.0	10.0	10.0	50.0
7C ORG OVERHEAD		1.3	2.2	2.1	2.7	2.3	2.4	3.5	4.4	3.7	4.4	3.8	4.7	37.4
Total BCWS	Staff	1.0	2.0	2.0	2.0	2.0	2.0	3.0	3.0	4.0	4.0	4.0	4.0	2.8
	Hrs	156	266	258	344	286	298	438	552	552	644	564	700	5058
	\$	7.6	12.9	12.3	16.5	13.7	14.3	20.9	86.4	82.4	86.1	82.9	88.4	524.4

Total BCWP:

Task: 1A22100D02 A2B42 ETF MAINTENANCE PROCEDURES
 Performing Org: 52630 PROCEDURE DEVELOPMENT/CONTROL
 E V Method: 2 PERCENT COMPLETE METHOD
 Parent WBS:

Scope of Work:
 DEVELOP ETF MAINTENANCE PROCEDURES

Revision No: 02
 Date: 12/02/93
 Cin Num: SU94REP3
 CAP STATUS: R

Approved By: ----- SCHILDKNECHT, WJ 3-3902 Date: / /

Milestones: Narrative
 A2B42-01 O 02/28/94 PROCEDURE INDEX (PM/CALIBRATION) FINALIZED
 A2B42-02 O 07/15/94 CRITICAL MAINTENANCE PROCEDURES IN PLACE

Cost Elements:

Fiscal Year: 1994		Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Total
	Staff	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0
01 EXEMPT	Hrs	312	266	258	344	286	298	292	368	276	322	282	350	3654
	\$	11.1	9.5	9.1	12.1	10.0	10.5	10.3	12.9	9.7	11.3	9.9	12.3	128.7
7C ORG OVERHEAD		4.7	4.0	3.8	5.1	4.2	4.4	4.3	5.4	4.1	4.8	4.2	5.2	54.0
Total BCWS	Staff	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0
	Hrs	312	266	258	344	286	298	292	368	276	322	282	350	3654
	\$	15.8	13.5	12.9	17.2	14.3	14.9	14.6	18.4	13.8	16.1	14.1	17.5	182.7

Total BCWP:

Total Wp		Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Total
	Staff	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.0	1.0	1.0	1.0	0.3
00 NON-EXEMPT	Hrs	0	0	0	0	0	0	0	0	138	161	141	175	615
	\$	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.2	2.5	2.2	2.8	9.7
	Staff	3.0	4.0	4.0	4.0	4.0	4.0	5.0	5.0	5.0	5.0	5.0	5.0	4.4
01 EXEMPT	Hrs	468	532	516	688	572	596	730	920	690	805	705	875	8097
	\$	17.4	20.3	19.3	25.8	21.4	22.3	27.7	34.9	26.2	30.6	26.8	33.2	306.0

10 MATL & EQUIP	\$	0.0	0.0	0.0	0.0	0.0	0.0	0.0	50.0	50.0	50.0	50.0	50.0	250.0
4C MPR	\$	0.0	0.0	0.0	0.0	0.0	0.0	0.0	10.0	10.0	10.0	10.0	10.0	50.0
7C ORG OVERHEAD		5.9	6.1	5.9	7.8	6.5	6.8	7.8	9.8	7.8	9.1	8.0	9.9	91.4
Total BCWS	Staff	3.0	4.0	4.0	4.0	4.0	4.0	5.0	5.0	6.0	6.0	6.0	6.0	4.8
	Hrs	468	532	516	688	572	596	730	920	828	966	846	1050	8712
	\$	23.4	26.4	25.2	33.6	27.9	29.1	35.5	104.8	96.2	102.2	97.0	105.9	707.1

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WORK PACKAGE:	1A22100E	ETF WORK CONTROL/JCS	Scope of Work:	Revision No: 02
Resp Org:	86210	200 AREA ETF WORK CONTROL	DEVELOP ETF WORK CONTROL/JCS TIE-IN	Date: 12/02/93

CAP STATUS: R

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Task:	1A22100E01	A2B5A ETF WORK CONTROL/JCS	Scope of Work:	Revision No: 02
Performing Org:	86210	200 AREA ETF WORK CONTROL	DEVELOP ETF WORK CONTROL/JCS TIE-IN	Date: 12/02/93
E V Method:	2	PERCENT COMPLETE METHOD		Cin Num: SU94REP3
Parent WBS:				CAP STATUS: R
Approved By:	-----	BUCHANAN, KA	2-1869	Date: / /

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Milestones: Narrative

A2B5A-01 R 10/01/93 INITIATE DEVELOPMENT OF THE JOB CONTROL SYSTEM

A2B5A-02 O 07/01/94 ETF WORK CONTROL SYSTEM OPERATIONAL

A2B5A-03 O 09/30/94 MASTER EQUIPMENT LIST INPUT COMPLETE

Cost Elements:

Fiscal Year: 1994		Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Total
00 NON-EXEMPT	Staff	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.0	1.0	1.0	1.0	1.0	0.4
	Hrs	0	0	0	0	0	0	0	184	138	161	141	175	799
	\$	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.9	2.2	2.5	2.2	2.8	12.6
01 EXEMPT	Staff	3.0	3.0	3.0	4.0	4.0	4.0	4.0	6.0	7.0	7.0	7.0	7.0	4.9
	Hrs	468	399	387	688	572	596	584	1104	966	1127	987	1225	9103
	\$	18.9	16.1	15.4	27.4	22.8	23.8	23.3	44.0	38.5	44.9	39.3	48.8	363.3
06 BARGAINING U	Staff	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.0	1.0	1.0	1.0	1.0	0.4
	Hrs	0	0	0	0	0	0	0	184	138	161	141	175	799
	\$	0.0	0.0	0.0	0.0	0.0	0.0	0.0	5.7	4.2	4.9	4.3	5.4	24.5
6N NETWORK ACCE	\$	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	12.0
7C ORG OVERHEAD		3.8	3.2	3.1	5.5	4.6	4.8	4.7	10.5	9.0	10.5	9.2	11.4	80.1
Total BCWS	Staff	3.0	3.0	3.0	4.0	4.0	4.0	4.0	8.0	9.0	9.0	9.0	9.0	5.8
	Hrs	468	399	387	688	572	596	584	1472	1242	1449	1269	1575	10701
	\$	23.7	20.4	19.5	33.9	28.4	29.5	28.9	64.1	54.9	63.9	56.1	69.3	492.5

Total BCWP:

Total Wp		Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Total
	Staff	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.0	1.0	1.0	1.0	1.0	0.4
00 NON-EXEMPT	Hrs	0	0	0	0	0	0	0	184	138	161	141	175	799
	\$	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.9	2.2	2.5	2.2	2.8	12.6
	Staff	3.0	3.0	3.0	4.0	4.0	4.0	4.0	6.0	7.0	7.0	7.0	7.0	4.9
01 EXEMPT	Hrs	468	399	387	688	572	596	584	1104	966	1127	987	1225	9103
	\$	18.9	16.1	15.4	27.4	22.8	23.8	23.3	44.0	38.5	44.9	39.3	48.8	363.3
	Staff	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.0	1.0	1.0	1.0	1.0	0.4
06 BARGAINING U	Hrs	0	0	0	0	0	0	0	184	138	161	141	175	799
	\$	0.0	0.0	0.0	0.0	0.0	0.0	0.0	5.7	4.2	4.9	4.3	5.4	24.5
6N NETWORK ACCE	\$	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	12.0
7C ORG OVERHEAD		3.8	3.2	3.1	5.5	4.6	4.8	4.7	10.5	9.0	10.5	9.2	11.4	80.1
Total BCWS	Staff	3.0	3.0	3.0	4.0	4.0	4.0	4.0	8.0	9.0	9.0	9.0	9.0	5.8
	Hrs	468	399	387	688	572	596	584	1472	1242	1449	1269	1575	10701
	\$	23.7	20.4	19.5	33.9	28.4	29.5	28.9	64.1	54.9	63.9	56.1	69.3	492.5

WORK PACKAGE: 1A22100F ETF STARTUP PREPARATION
Resp Org: 86220 EFFL TREAT FACILITIES OPERS

Scope of Work:
COORDINATE ETF STARTUP PREPARATION

Revision No: 02
Date: 12/02/93

CAP STATUS: R

Task: 1A22100F01 A2B6A ETF STARTUP-OPRNS MGMT
Performing Org: 86220 EFFL TREAT FACILITIES OPERS
E V Method: 4 LEVEL OF EFFORT METHOD
Parent WBS:

Scope of Work:
MANAGE OPERATIONS STARTUP ACTIVITIES

Revision No: 02
Date: 12/02/93
Cin Num: SU94REP3
CAP STATUS: R

Approved By: ----- WURZ, RB

3-4056 Date: / /

Milestones: Narrative
A2B6A-01 R 06/01/94 ESTABLISH ETF READINESS TEAM

Cost Elements:

Fiscal Year: 1994		Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Total
	Staff	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
01 EXEMPT	Hrs	156	133	129	172	143	149	146	184	138	161	141	175	1827
	\$	6.3	5.4	5.1	6.9	5.7	5.9	5.8	7.3	5.5	6.4	5.6	7.0	73.0
7C ORG OVERHEAD		1.3	1.1	1.0	1.4	1.1	1.2	1.2	1.5	1.1	1.3	1.1	1.4	14.6
Total BCWS	Staff	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
	Hrs	156	133	129	172	143	149	146	184	138	161	141	175	1827
	\$	7.6	6.5	6.2	8.2	6.8	7.1	7.0	8.8	6.6	7.7	6.7	8.4	87.6

Total BCWP: -----

Task: 1A22100F02 A2B6B ETF STARTUP-SHIFT OPRNS MGMT Scope of Work:
 Performing Org: 86220 EFFL TREAT FACILITIES OPERS MANAGE OPERATIONS SHIFT SUPPORT
 E V Method: 4 LEVEL OF EFFORT METHOD
 Parent WBS:
 Approved By: ----- WURZ, RB 3-4056 Date: / /

Revision No: 02
 Date: 12/02/93
 Cin Num: SU94REP3
 CAP STATUS: R

Cost Elements:

Fiscal Year: 1994	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Total
01 EXEMPT Staff	4.0	4.0	4.0	4.0	4.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	4.6
Hrs	624	532	516	688	572	745	730	920	690	805	705	875	8402
\$	25.3	21.5	20.6	27.4	22.8	29.7	29.1	36.7	27.5	32.1	28.1	34.9	335.5
7C ORG OVERHEAD	5.1	4.3	4.1	5.5	4.6	5.9	5.8	7.3	5.5	6.4	5.6	7.0	67.1
Total BCWS Staff	4.0	4.0	4.0	4.0	4.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	4.6
Hrs	624	532	516	688	572	745	730	920	690	805	705	875	8402
\$	30.3	25.8	24.7	32.9	27.4	35.6	34.9	44.0	33.0	38.5	33.7	41.8	402.6

Total BCWP: -----

Task: 1A22100F03 A2B6C ETF STARTUP-OPRNS ANALYS/SUPPT Scope of Work:
 Performing Org: 86240 200 AREA ETF OP ANALYS & SUPP PROVIDE SYSTEMATIC APPROACH TO DEVELOP/APPROVAL OF
 E V Method: 2 PERCENT COMPLETE METHOD OPERATING PROCS; INSTITUTE ETF EVENT PROGRAM; DEV/
 Parent WBS: IMPLEMENT ETF SELF-ASSESSMENT PROGRAM
 Approved By: ----- WARRINER, RD 6-6956 Date: / /

Revision No: 02
 Date: 12/02/93
 Cin Num: SU94REP3
 CAP STATUS: R

Milestones:

Narrative

A2B6C-01 O 03/01/94 OPERATING PROCEDURE MATRIX LIST COMPLETE
 A2B6C-02 O 03/01/94 OPERATING PROCEDURE FORMAT/WRITERS GUIDE COMPLETE
 A2B6C-03 O 04/30/94 OPERATING PROCEDURE DATABASE COMPLETE
 A2B6C-04 O 04/30/94 EVENT REPORTING & INVESTIGATION STAFF TRAINING COMPLETE
 A2B6C-05 O 09/30/94 IMPLEMENT SYSTEMATIC APPROACH TO FACILITY SELF-ASSESSMENT

Cost Elements:

Fiscal Year: 1994	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Total
00 NON-EXEMPT Staff	0.0	0.0	0.0	0.0	0.0	0.0	1.0	1.0	1.0	1.0	2.0	2.0	0.7
Hrs	0	0	0	0	0	0	146	184	138	161	282	350	1261
\$	0.0	0.0	0.0	0.0	0.0	0.0	2.3	2.9	2.2	2.5	4.5	5.5	19.9
01 EXEMPT Staff	1.0	1.0	1.0	1.0	4.0	4.0	5.0	5.0	5.0	5.0	5.5	7.0	3.7
Hrs	156	133	129	172	572	596	730	920	690	805	776	1225	6904
\$	6.3	5.4	5.1	6.9	22.8	23.8	29.1	36.7	27.5	32.1	30.9	48.8	275.3
21 PO CONTRACTS \$	0.0	0.0	13.2	13.2	13.2	13.2	13.2	13.2	13.2	13.2	13.0	13.0	131.6
4C MPR \$	0.0	0.0	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.0	1.0	11.6
6P INFO SERVICE \$	0.0	0.0	0.0	3.0	3.0	3.0	3.0	3.0	5.0	5.0	5.0	5.0	35.0

7C ORG OVERHEAD		1.3	1.1	1.0	1.4	4.6	4.8	6.3	7.9	5.9	6.9	7.1	10.9	59.0
Total BCWS	Staff	1.0	1.0	1.0	1.0	4.0	4.0	6.0	6.0	6.0	6.0	7.5	9.0	4.4
	Hrs	156	133	129	172	572	596	876	1104	828	966	1058	1575	8165
	\$	7.6	6.5	20.6	25.6	44.8	45.9	55.1	64.9	55.0	60.9	61.5	84.2	532.5

Total BCWP: -----

Task: 1A22100F04 A2B6D ETF STARTUP-PROJECT CONTROL	Scope of Work: PROVIDE ETF OPERATIONAL PROJECT CONTROL SUPPORT	Revision No: 02
Performing Org: 86250 200 A LIQ EFFLUENT PROGRAM CON		Date: 12/02/93
E V Method: 4 LEVEL OF EFFORT METHOD		Cin Num: SU94REP3
Parent WBS:		CAP STATUS: R
Approved By: ----- WYRICK, BW	6-6814	Date: / /

Cost Elements:

Fiscal Year: 1994		Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Total
01 EXEMPT	Staff	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0
	Hrs	312	266	258	344	286	298	292	368	276	322	282	350	3654
	\$	12.6	10.8	10.3	13.7	11.4	11.9	11.6	14.7	11.0	12.8	11.2	13.9	146.0
7C ORG OVERHEAD		2.5	2.2	2.1	2.7	2.3	2.4	2.3	2.9	2.2	2.6	2.2	2.8	29.2
Total BCWS	Staff	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0
	Hrs	312	266	258	344	286	298	292	368	276	322	282	350	3654
	\$	15.2	12.9	12.3	16.5	13.7	14.3	14.0	17.6	13.2	15.4	13.5	16.7	175.2

Total BCWP: -----

Task: 1A22100F05 A2B6E ETF STARTUP-SAFETY	Scope of Work: PROVIDE ETF SAFETY SUPPORT	Revision No: 02
Performing Org: 34120 RESTORATN/REMEDIATN/CONSTRUCTN		Date: 12/02/93
E V Method: 4 LEVEL OF EFFORT METHOD		Cin Num: SU94REP3
Parent WBS:		CAP STATUS: R
Approved By: ----- TREDWAY, MA	2-3102	Date: / /

Cost Elements:

Fiscal Year: 1994		Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Total
01 EXEMPT	Staff	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.5	1.0	1.0	1.0	0.3
	Hrs	0	0	0	0	0	0	0	0	69	161	141	175	546
	\$	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.4	5.6	4.9	6.0	18.8
7C ORG OVERHEAD		0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.0	2.4	2.1	2.7	8.3
Total BCWS	Staff	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.5	1.0	1.0	1.0	0.3
	Hrs	0	0	0	0	0	0	0	0	69	161	141	175	546
	\$	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	3.4	8.0	7.0	8.7	27.1

Total BCWP: -----

Task: 1A22100F06 A2B6F ETF STARTUP-QA

Scope of Work:

Revision No: 02

Performing Org: 38630 WASTE OPERATIONS QUALITY ASSUR

PROVIDE ETF QA SUPPORT

Date: 12/02/93

E V Method: 4 LEVEL OF EFFORT METHOD

Cin Num: SU94REP3

Parent WBS:

CAP STATUS: R

Approved By: ----- COCHRANE, MS

3-5573

Date: / /

Cost Elements:

Fiscal Year: 1994		Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Total
	Staff	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.5	1.0	1.0	1.0	0.3
00 NON-EXEMPT	Hrs	0	0	0	0	0	0	0	0	69	161	141	175	546
	\$	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.5	3.6	3.1	3.9	12.2
	Staff	0.0	0.0	0.0	0.0	0.5	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.6
01 EXEMPT	Hrs	0	0	0	0	72	149	146	184	138	161	141	175	1166
	\$	0.0	0.0	0.0	0.0	2.7	5.6	5.5	7.0	5.2	6.1	5.3	6.6	44.1
7C ORG OVERHEAD		0.0	0.0	0.0	0.0	1.2	2.5	2.4	3.1	3.0	4.3	3.7	4.6	24.8
Total BCWS	Staff	0.0	0.0	0.0	0.0	0.5	1.0	1.0	1.0	1.5	2.0	2.0	2.0	0.9
	Hrs	0	0	0	0	72	149	146	184	207	322	282	350	1712
	\$	0.0	0.0	0.0	0.0	3.9	8.1	8.0	10.0	9.7	13.9	12.2	15.2	81.1

Total BCWP: -----

Task: 1A22100F07 A2B6G ETF STARTUP-TEMP OPERATORS

Scope of Work:

Revision No: 02

Performing Org: 86220 EFFL TREAT FACILITIES OPERS

PROVIDE TEMPORARY OPERATORS TO SUPPORT ETF STARTUP

Date: 12/02/93

E V Method: 4 LEVEL OF EFFORT METHOD

Cin Num: SU94REP3

Parent WBS:

CAP STATUS: R

Approved By: ----- WURZ, RB

3-4056

Date: / /

Cost Elements:

Fiscal Year: 1994		Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Total
2B UNDIST BUDGE	\$	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.0	1.0	1.5	3.5
7C ORG OVERHEAD		0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Total BCWS	Staff	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	Hrs	0	0	0	0	0	0	0	0	0	0	0	0	0
	\$	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.0	1.0	1.5	3.5

Total BCWP: -----

Task: 1A22100F08 A2B6J ETF STARTUP-GEOSCIENCES

Scope of Work:

Revision No: 02

Performing Org: 81232 GEOCHEMISTRY & HYDROCHEMISTRY

PROVIDE ETF QUARTERLY SAMPLING

Date: 12/02/93

E V Method: 2 PERCENT COMPLETE METHOD

Cin Num: SU94REP3

Parent WBS:

CAP STATUS: R

Approved By: ----- HORTON, DG

6-6868

Date: / /

Milestones:

Narrative

A2B6J-01 O 12/31/93 PROVIDE 1ST QUARTER ETF WELL SAMPLING

A2B6J-02 O 03/31/94 PROVIDE 2ND QUARTER ETF WELL SAMPLING

A2B6J-03 O 06/30/94 PROVIDE 3RD QUARTER ETF WELL SAMPLING

A2B6J-04 O 09/30/94 PROVIDE 4TH QUARTER ETF WELL SAMPLING

Cost Elements:

Fiscal Year: 1994	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Total
Staff	0.0	0.0	1.0	0.0	0.0	1.0	0.0	0.0	1.0	0.0	0.0	1.0	0.3
01 EXEMPT Hrs	0	0	129	0	0	149	0	0	138	0	0	175	591
\$	0.0	0.0	4.5	0.0	0.0	5.2	0.0	0.0	4.8	0.0	0.0	6.1	20.7
7c ORG OVERHEAD	0.0	0.0	1.5	0.0	0.0	1.7	0.0	0.0	1.6	0.0	0.0	2.0	6.8
Total BCWS Staff	0.0	0.0	1.0	0.0	0.0	1.0	0.0	0.0	1.0	0.0	0.0	1.0	0.3
Hrs	0	0	129	0	0	149	0	0	138	0	0	175	591
\$	0.0	0.0	6.0	0.0	0.0	7.0	0.0	0.0	6.4	0.0	0.0	8.2	27.6

Total BCWP:

Task: 1A22100F09 A2B6K ETF STARTUP-REG COMPLIANCE

Scope of Work:

Revision No: 02

Performing Org: 86270 200A LIQ EFFL FAC REG COMP

PROVIDE ETF REGULATORY COMPLIANCE SUPPORT

Date: 12/02/93

E V Method: 2 PERCENT COMPLETE METHOD

Cin Num: SU94REP3

Parent WBS:

CAP STATUS: R

Approved By: WILLIAMS, JD

3-4967 Date: / /

Milestones:

Narrative

A2B6K-01 O 07/01/94 REGULATORY COMPLIANCE OFFICE/FILES ESTABLISHED

Cost Elements:

Fiscal Year: 1994	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Total
Staff	0.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.9
00 NON-EXEMPT Hrs	0	133	129	172	143	149	146	184	138	161	141	175	1671
\$	0.0	2.1	2.0	2.7	2.3	2.4	2.3	2.9	2.2	2.5	2.2	2.8	26.4
Staff	0.0	1.0	1.0	1.0	2.0	2.0	2.0	3.0	3.0	3.0	3.0	3.0	2.0
01 EXEMPT Hrs	0	133	129	172	286	298	292	552	414	483	423	525	3707
\$	0.0	5.4	5.1	6.9	11.4	11.9	11.6	22.0	16.5	19.2	16.9	20.9	147.8
7c ORG OVERHEAD	0.0	1.5	1.4	1.9	2.7	2.8	2.8	5.0	3.7	4.4	3.8	4.7	34.8
Total BCWS Staff	0.0	2.0	2.0	2.0	3.0	3.0	3.0	4.0	4.0	4.0	4.0	4.0	2.9
Hrs	0	266	258	344	429	447	438	736	552	644	564	700	5378
\$	0.0	9.0	8.6	11.5	16.4	17.1	16.7	29.9	22.4	26.1	22.9	28.4	209.1

Total BCWP:

Total Wp	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Total
Staff	0.0	1.0	1.0	1.0	1.0	1.0	2.0	2.0	2.5	3.0	4.0	4.0	1.9
00 NON-EXEMPT Hrs	0	133	129	172	143	149	292	368	345	483	564	700	3478
\$	0.0	2.1	2.0	2.7	2.3	2.4	4.6	5.8	5.9	8.7	9.8	12.2	58.5

	Staff	8.0	9.0	10.0	9.0	13.5	16.0	16.0	17.0	18.5	18.0	18.5	21.0	14.5
01 EXEMPT	Hrs	1248	1197	1290	1548	1931	2384	2336	3128	2553	2898	2609	3675	26797
	\$	50.5	48.4	50.8	61.7	76.8	94.0	92.8	124.3	100.4	114.3	102.9	144.3	1061.3
2B UNDIST BUDGE	\$	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.0	1.0	1.5	3.5
21 PO CONTRACTS	\$	0.0	0.0	13.2	13.2	13.2	13.2	13.2	13.2	13.2	13.2	13.0	13.0	131.6
4C MPR	\$	0.0	0.0	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.0	1.0	11.6
6P INFO SERVICE	\$	0.0	0.0	0.0	3.0	3.0	3.0	3.0	3.0	5.0	5.0	5.0	5.0	35.0
7C ORG OVERHEAD		10.1	10.1	11.2	12.9	16.5	21.3	20.8	27.7	24.1	28.3	25.8	36.1	244.7
Total BCWS	Staff	8.0	10.0	11.0	10.0	14.5	17.0	18.0	19.0	21.0	21.0	22.5	25.0	16.4
	Hrs	1248	1330	1419	1720	2074	2533	2628	3496	2898	3381	3173	4375	30275
	\$	60.6	60.7	78.4	94.7	112.9	135.1	135.6	175.2	149.8	171.6	158.5	213.1	1546.2

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WORK PACKAGE: 1A22100H ETF ENGINEERING DOCUMENTATION Scope of Work: Revision No: 02
 Resp Org: 86230 200A PROCESS ENGINEERING PREPARE ETF ENGINEERING DOCUMENTATION Date: 12/02/93

CAP STATUS: R

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Task: 1A22100H01 A2B72 ETF SAMPLING DOCUMENTATION Scope of Work: Revision No: 02
 Performing Org: 86230 200A PROCESS ENGINEERING PREPARE AND ISSUE C-018 SAMPLE SCHEDULE Date: 12/02/93
 E V Method: 2 PERCENT COMPLETE METHOD Cin Num: SU94REP3
 Parent WBS: CAP STATUS: R
 Approved By: ----- FLYCKT, DL 2-3142 Date: / /

Milestones: Narrative

A2B72-01 O 04/01/94 DRAFT SAMPLE SCHEDULE COMPLETE

A2B72-02 O 08/01/94 SAMPLE SCHEDULE REVIEW/COMMENT RESOLUTION COMPLETE

Cost Elements:

Fiscal Year: 1994	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Total
Staff	3.0	1.5	1.5	1.5	1.0	1.0	1.0	1.0	0.5	0.5	0.2	0.2	1.1
01 EXEMPT	Hrs	468	200	194	258	143	149	146	184	69	81	28	1955
	\$	18.9	8.1	7.7	10.3	5.7	5.9	5.8	7.3	2.8	3.2	1.1	78.3
7C ORG OVERHEAD		3.8	1.6	1.5	2.1	1.1	1.2	1.2	1.5	0.6	0.6	0.2	15.7
Total BCWS	Staff	3.0	1.5	1.5	1.5	1.0	1.0	1.0	0.5	0.5	0.2	0.2	1.1
	Hrs	468	200	194	258	143	149	146	184	69	81	28	1955
	\$	22.7	9.7	9.3	12.3	6.8	7.1	7.0	8.8	3.3	3.9	1.7	94.0

Total BCWP:

Task: 1A22100H02 A2B73 ETF TECHNICAL DOCUMENTATION

Scope of Work:

Revision No: 02

Performing Org: 86230 200A PROCESS ENGINEERING

PREPARE AND ISSUE TECHNICAL MANUAL

Date: 12/02/93

E V Method: 2 PERCENT COMPLETE METHOD

Cin Num: SU94REP3

Parent WBS:

CAP STATUS: R

Approved By: ----- FLYCKT, DL

2-3142 Date: / /

Milestones:

Narrative

A2B73-01 0 03/04/94 DRAFT FACILITY DESCRIPTION MANUAL COMPLETE

Cost Elements:

Fiscal Year: 1994		Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Total
01 EXEMPT	Staff	5.5	4.4	4.0	3.0	3.0	3.0	2.8	2.8	2.8	2.4	2.2	2.2	3.2
	Hrs	858	585	516	516	429	447	409	515	386	386	310	385	5742
	\$	34.7	23.7	20.6	20.6	17.1	17.8	16.3	20.5	15.4	15.4	12.4	15.3	229.7
21 PO CONTRACTS	\$	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	75.0	0.0	0.0	75.0
4C MPR	\$	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	15.0	0.0	0.0	15.0
7C ORG OVERHEAD		6.9	4.7	4.1	4.1	3.4	3.6	3.3	4.1	3.1	3.1	2.5	3.1	45.9
Total BCWS	Staff	5.5	4.4	4.0	3.0	3.0	3.0	2.8	2.8	2.8	2.4	2.2	2.2	3.2
	Hrs	858	585	516	516	429	447	409	515	386	386	310	385	5742
	\$	41.7	28.4	24.7	24.7	20.5	21.4	19.6	24.6	18.5	108.5	14.8	18.4	365.7

Total BCWP: -----

Task: 1A22100H03 A2B74 ETF SOFTWARE DOCUMENTATION

Scope of Work:

Revision No: 02

Performing Org: 86230 200A PROCESS ENGINEERING

PREPARE AND ISSUE SOFTWARE DOCUMENTATION; WORK
FOR ISSUANCE OF FINAL VERSION IN 4/95.

Date: 12/02/93

E V Method: 2 PERCENT COMPLETE METHOD

Cin Num: SU94REP3

Parent WBS:

CAP STATUS: R

Approved By: ----- FLYCKT, DL

2-3142 Date: / /

Milestones:

Narrative

A2B74-01 0 03/31/94 DRAFT SOFTWARE DOCUMENTATION COMPLETE

Cost Elements:

Fiscal Year: 1994		Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Total
01 EXEMPT	Staff	0.6	0.8	0.8	0.6	0.7	0.7	0.3	0.3	0.3	0.3	0.3	0.3	0.5
	Hrs	100	100	100	100	100	100	47	47	47	47	47	47	882
	\$	4.0	4.0	4.0	4.0	4.0	4.0	1.9	1.9	1.9	1.9	1.9	1.9	35.3
7C ORG OVERHEAD		0.8	0.8	0.8	0.8	0.8	0.8	0.4	0.4	0.4	0.4	0.4	0.4	7.1
Total BCWS	Staff	0.6	0.8	0.8	0.6	0.7	0.7	0.3	0.3	0.3	0.3	0.3	0.3	0.5
	Hrs	100	100	100	100	100	100	47	47	47	47	47	47	882
	\$	4.9	4.9	4.8	4.8	4.8	4.8	2.2	2.2	2.2	2.2	2.2	2.2	42.3

Total BCWP: -----

Task: 1A22100H04 A2B75 ETF DESIGN REVS/MODS
 Performing Org: 86230 200A PROCESS ENGINEERING
 E V Method: 4 LEVEL OF EFFORT METHOD
 Parent WBS:
 Approved By: ----- FLYCKT, DL

Scope of Work:
 PROVIDE ETF ENGR SUPPORT FOR PROJECT MANAGEMENT
 AND COORDINATION

Revision No: 02
 Date: 12/02/93
 Cin Num: SU94REP3
 CAP STATUS: R

2-3142 Date: / /

Cost Elements:

Fiscal Year: 1994		Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Total
01 EXEMPT	Staff	0.3	0.3	0.3	0.2	0.3	0.3	0.3	0.2	0.3	0.2	0.3	0.2	0.3
	Hrs	40	40	40	40	40	40	40	40	40	40	40	40	480
	\$	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	19.2
7C ORG OVERHEAD		0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	3.8
Total BCWS	Staff	0.3	0.3	0.3	0.2	0.3	0.3	0.3	0.2	0.3	0.2	0.3	0.2	0.3
	Hrs	40	40	40	40	40	40	40	40	40	40	40	40	480
	\$	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	23.0

Total BCWP: -----

Task: 1A22100H05 A2B77 ETF LLW CERT PLAN
 Performing Org: 86230 200A PROCESS ENGINEERING
 E V Method: 2 PERCENT COMPLETE METHOD
 Parent WBS:
 Approved By: ----- FLYCKT, DL

Scope of Work:
 PREPARE AND ISSUE LLW CERTIFICATION PLAN

Revision No: 02
 Date: 12/02/93
 Cin Num: SU94REP3
 CAP STATUS: R

2-3142 Date: / /

Milestones:

Narrative

A2B77-01 O 03/04/94 LLW CERTIFICATION PLAN COMPLETE

A2B77-02 O 05/01/94 QAPP COMPLETE

Cost Elements:

Fiscal Year: 1994		Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Total
01 EXEMPT	Staff	0.2	0.2	0.2	0.2	0.2	0.2	0.3	0.2	0.3	0.3	0.3	0.3	0.2
	Hrs	30	30	30	30	30	30	45	45	45	45	45	45	450
	\$	1.2	1.2	1.2	1.2	1.2	1.2	1.8	1.8	1.8	1.8	1.8	1.8	18.0
21 PO CONTRACTS		\$ 0.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	20.0	0.0	0.0	100.0
4C MPR		\$ 0.0	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	1.7	0.0	0.0	8.9
7C ORG OVERHEAD		0.2	0.2	0.2	0.2	0.2	0.2	0.4	0.4	0.4	0.4	0.4	0.4	3.6
Total BCWS	Staff	0.2	0.2	0.2	0.2	0.2	0.2	0.3	0.2	0.3	0.3	0.3	0.3	0.2
	Hrs	30	30	30	30	30	30	45	45	45	45	45	45	450
	\$	1.5	12.4	12.3	12.3	12.3	12.3	13.1	13.1	13.1	23.9	2.2	2.2	130.5

Total BCWP: -----

Task: 1A22100H06 A2B79 ETF CLERICAL SUPPORT
Performing Org: 86230 200A PROCESS ENGINEERING
E V Method: 4 LEVEL OF EFFORT METHOD
Parent WBS:

Scope of Work:
PROVIDE CLERICAL SUPPORT FOR C-018 ENGINEERING
DOCUMENTATION

Revision No: 02
Date: 12/02/93
Cin Num: SU94REP3
CAP STATUS: R

Approved By: ----- FLYCKT, DL 2-3142 Date: / /

Cost Elements:

Fiscal Year: 1994	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Total
Staff	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
00 NON-EXEMPT Hrs	156	133	129	172	143	149	146	184	138	161	141	175	1827
\$	2.5	2.1	2.0	2.7	2.3	2.4	2.3	2.9	2.2	2.5	2.2	2.8	28.9
7C ORG OVERHEAD	0.5	0.4	0.4	0.5	0.5	0.5	0.5	0.6	0.4	0.5	0.4	0.6	5.8
Total BCWS Staff	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
Hrs	156	133	129	172	143	149	146	184	138	161	141	175	1827
\$	3.0	2.6	2.4	3.3	2.7	2.8	2.8	3.5	2.6	3.0	2.7	3.3	34.7

Total BCWP: -----

Task: 1A22100H07 A2B7A ETF DESIGN/DRAFTING SUPPORT
Performing Org: 23160 FACILITY SYSTEMS ENGINEERING
E V Method: 4 LEVEL OF EFFORT METHOD
Parent WBS:

Scope of Work:
PROVIDE DESIGN/DRAFTING SUPPORT

Revision No: 02
Date: 12/02/93
Cin Num: SU94REP3
CAP STATUS: R

Approved By: ----- DEARING, JI 6-2722 Date: / /

Cost Elements:

Fiscal Year: 1994	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Total
Staff	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.0	1.0	1.0	1.0	1.0	0.4
01 EXEMPT Hrs	0	0	0	0	0	0	0	184	138	161	141	175	799
\$	0.0	0.0	0.0	0.0	0.0	0.0	0.0	7.7	5.8	6.8	5.9	7.3	33.5
7C ORG OVERHEAD	0.0	0.0	0.0	0.0	0.0	0.0	0.0	3.6	2.7	3.1	2.7	3.4	15.4
Total BCWS Staff	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.0	1.0	1.0	1.0	1.0	0.4
Hrs	0	0	0	0	0	0	0	184	138	161	141	175	799
\$	0.0	0.0	0.0	0.0	0.0	0.0	0.0	11.3	8.5	9.9	8.6	10.7	49.0

Total BCWP: -----

Task: 1A22100H08 A2B7B ETF CONFIGURATION MGMT
Performing Org: 23720 CONFIGURATN DOCUMENTATN NORTH
E V Method: 4 LEVEL OF EFFORT METHOD
Parent WBS:

Scope of Work:
PROVIDE ENGINEERING CONFIGURATION MANAGEMENT
SUPPORT FOR C-018 ENGINEERING DOCUMENTS

Revision No: 02
Date: 12/02/93
Cin Num: SU94REP3
CAP STATUS: R

Approved By: ----- SULLIVAN, BM 2-3380 Date: / /

Cost Elements:

Fiscal Year: 1994	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Total
Staff	0.0	0.0	0.0	0.0	0.1	0.1	0.1	0.2	0.2	0.2	0.2	0.2	0.1
01 EXEMPT Hrs	0	0	0	0	14	15	15	37	28	32	28	35	204
\$	0.0	0.0	0.0	0.0	0.5	0.5	0.5	1.2	0.9	1.1	0.9	1.2	6.7
7C ORG OVERHEAD	0.0	0.0	0.0	0.0	0.2	0.2	0.2	0.6	0.4	0.5	0.4	0.5	3.1

Total BCWS	Staff	0.0	0.0	0.0	0.0	0.1	0.1	0.1	0.2	0.2	0.2	0.2	0.2	0.1
Hrs		0	0	0	0	14	15	15	37	28	32	28	35	204
\$		0.0	0.0	0.0	0.0	0.7	0.7	0.7	1.8	1.3	1.5	1.3	1.7	9.8

Total BCWP: -----

Task: 1A22100H09 A2B7D ETF DRUM CERTIFICATION
 Performing Org: 86230 200A PROCESS ENGINEERING
 E V Method: 4 LEVEL OF EFFORT METHOD
 Parent WBS:

Scope of Work:
 COORDINATE DRUM CERTIFICATION

Revision No: 02
 Date: 12/02/93
 Cin Num: SU94REP3
 CAP STATUS: R

Approved By: ----- FLYCKT, DL

2-3142 Date: / /

Cost Elements:

Fiscal Year: 1994		Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Total
	Staff	0.0	0.1	0.1	0.1	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
01 EXEMPT	Hrs	0	12	12	17	15	0	0	0	0	0	0	0	56
	\$	0.0	0.5	0.5	0.7	0.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.2
7C ORG OVERHEAD		0.0	0.1	0.1	0.1	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.4
Total BCWS	Staff	0.0	0.1	0.1	0.1	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	Hrs	0	12	12	17	15	0	0	0	0	0	0	0	56
	\$	0.0	0.6	0.6	0.8	0.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.7

Total BCWP: -----

Task: 1A22100H10 A2B7F ETF FSAR PREP SUPPORT
 Performing Org: 29230 SYSTEMS SAFETY ANALYSIS
 E V Method: 4 LEVEL OF EFFORT METHOD
 Parent WBS:

Scope of Work:
 SUPPORT ETF FSAR PREPARATION

Revision No: 02
 Date: 12/02/93
 Cin Num: SU94REP3
 CAP STATUS: R

Approved By: ----- HINCKLEY, JP

6-2402 Date: / /

Cost Elements:

Fiscal Year: 1994		Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Total
	Staff	0.0	0.0	0.3	0.3	0.0	0.2	0.1	0.1	0.0	0.0	0.0	0.0	0.1
01 EXEMPT	Hrs	0	0	39	52	0	30	15	18	0	0	0	0	154
	\$	0.0	0.0	1.6	2.1	0.0	1.2	0.6	0.7	0.0	0.0	0.0	0.0	6.2
7C ORG OVERHEAD		0.0	0.0	0.8	1.1	0.0	0.6	0.3	0.4	0.0	0.0	0.0	0.0	3.2
Total BCWS	Staff	0.0	0.0	0.3	0.3	0.0	0.2	0.1	0.1	0.0	0.0	0.0	0.0	0.1
	Hrs	0	0	39	52	0	30	15	18	0	0	0	0	154
	\$	0.0	0.0	2.4	3.2	0.0	1.8	0.9	1.1	0.0	0.0	0.0	0.0	9.4

Total BCWP: -----

Task: 1A22100H11 A2B7G ETF FSAR PREP SUPPORT
 Performing Org: 29410 SAFETY DOCUMENTATN PROJ CNTRL
 E V Method: 4 LEVEL OF EFFORT METHOD
 Parent WBS:

Scope of Work:
 SUPPORT ETF FSAR PREPARATION

Revision No: 02
 Date: 12/02/93
 Cin Num: SU94REP3
 CAP STATUS: R

Approved By: ----- DIVINCENZO, EP

6-8678 Date: / /

Cost Elements:

Fiscal Year: 1994		Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Total
01 EXEMPT	Staff	0.0	0.0	0.0	0.3	0.3	0.3	0.0	0.0	0.0	0.0	0.0	0.0	0.1
	Hrs	0	0	0	52	43	45	0	0	0	0	0	0	140
	\$	0.0	0.0	0.0	2.1	1.7	1.8	0.0	0.0	0.0	0.0	0.0	0.0	5.7
7C ORG OVERHEAD		0.0	0.0	0.0	1.1	0.9	0.9	0.0	0.0	0.0	0.0	0.0	0.0	2.9
Total BCWS	Staff	0.0	0.0	0.0	0.3	0.3	0.3	0.0	0.0	0.0	0.0	0.0	0.0	0.1
	Hrs	0	0	0	52	43	45	0	0	0	0	0	0	140
	\$	0.0	0.0	0.0	3.2	2.6	2.7	0.0	0.0	0.0	0.0	0.0	0.0	8.5

Total BCWP: -----

Task: 1A22100H12 A2B7H ETF FSAR PREP SUPPORT

Scope of Work:

Revision No: 02

Performing Org: 29500 REST/REMED SFTY ANALYSIS & DOC

COORDINATE ETF FSAR PREPARATION

Date: 12/02/93

E V Method: 2 PERCENT COMPLETE METHOD

Cin Num: SU94REP3

Parent WBS:

CAP STATUS: R

Approved By: ----- ZIMMER, JJ

6-2574 Date: / /

Milestones:

Narrative

A2B7H-01 O 11/08/93 DRAFT FSAR COMPLETE

A2B7H-02 K 04/01/94 SUBMIT FSAR TO DOE FOR REVIEW (LEP-94-003)

Cost Elements:

Fiscal Year: 1994		Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Total	
01 EXEMPT	Staff	0.0	2.7	2.2	1.9	2.1	2.6	0.3	0.2	0.3	0.6	0.6	0.7	1.2	
	Hrs	0	359	284	327	300	387	44	37	41	97	85	123	2084	
	\$	0.0	14.7	11.5	13.2	12.1	15.7	1.8	1.5	1.7	3.9	3.4	5.0	84.5	
3R KAISER		\$	15.6	25.7	11.4	3.7	5.7	5.3	0.1	2.4	2.3	2.5	2.4	41.8	118.9
7C ORG OVERHEAD		0.0	7.5	5.8	6.7	6.1	7.9	0.9	0.8	0.8	2.0	1.7	2.5	42.8	
Total BCWS	Staff	0.0	2.7	2.2	1.9	2.1	2.6	0.3	0.2	0.3	0.6	0.6	0.7	1.2	
	Hrs	0	359	284	327	300	387	44	37	41	97	85	123	2084	
	\$	15.6	47.9	28.7	23.6	24.0	28.9	2.8	4.7	4.8	8.4	7.6	49.3	246.2	

Total BCWP: -----

Task: 1A22100H13 A2B7J ETF FSAR PREP SUPPORT

Scope of Work:

Revision No: 02

Performing Org: 67730 AREA PUBLICATIONS

SUPPORT ETF FSAR PREPARATION

Date: 12/02/93

E V Method: 4 LEVEL OF EFFORT METHOD

Cin Num: SU94REP3

Parent WBS:

CAP STATUS: R

Approved By: ----- GRAY, RH

6-2105 Date: / /

Cost Elements:

Fiscal Year: 1994		Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Total
01 EXEMPT	Staff	0.0	0.0	0.1	0.6	0.1	1.0	0.0	0.0	0.0	0.3	0.3	0.2	0.2
	Hrs	0	0	13	103	14	149	0	0	0	48	42	35	404
	\$	0.0	0.0	0.3	2.6	0.3	3.7	0.0	0.0	0.0	1.2	1.0	0.9	10.0

7C ORG OVERHEAD		0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Total BCWS	Staff	0.0	0.0	0.1	0.6	0.1	1.0	0.0	0.0	0.0	0.3	0.3	0.2	0.2
	Hrs	0	0	13	103	14	149	0	0	0	48	42	35	404
	\$	0.0	0.0	0.3	2.6	0.3	3.7	0.0	0.0	0.0	1.2	1.0	0.9	10.0

Total BCWP: -----

Task: 1A22100H14 A2B7K ETF FSAR PREP SUPPORT

Scope of Work:

Revision No: 02

Performing Org: 86230 200A PROCESS ENGINEERING

SUPPORT ETF FSAR PREPARATION

Date: 12/02/93

E V Method: 4 LEVEL OF EFFORT METHOD

Cin Num: SU94REP3

Parent WBS:

CAP STATUS: R

Approved By: ----- FLYCKT, DL

2-3142

Date: / /

Cost Elements:

Fiscal Year: 1994		Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Total
	Staff	0.1	1.6	0.7	0.9	1.0	0.0	0.0	0.0	0.0	0.5	0.5	0.4	0.5
01 EXEMPT	Hrs	14	210	90	160	140	0	0	0	4	88	76	72	854
	\$	0.6	8.5	3.6	6.4	5.6	0.0	0.0	0.0	0.2	3.5	3.0	2.9	34.2
7C ORG OVERHEAD		0.1	1.7	0.7	1.3	1.1	0.0	0.0	0.0	0.0	0.7	0.6	0.6	6.8
Total BCWS	Staff	0.1	1.6	0.7	0.9	1.0	0.0	0.0	0.0	0.0	0.5	0.5	0.4	0.5
	Hrs	14	210	90	160	140	0	0	0	4	88	76	72	854
	\$	0.7	10.2	4.3	7.7	6.7	0.0	0.0	0.0	0.2	4.2	3.6	3.4	41.0

Total BCWP: -----

Total Wp		Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Total
	Staff	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
00 NON-EXEMPT	Hrs	156	133	129	172	143	149	146	184	138	161	141	175	1827
	\$	2.5	2.1	2.0	2.7	2.3	2.4	2.3	2.9	2.2	2.5	2.2	2.8	28.9
	Staff	9.7	11.6	10.2	9.6	8.9	9.4	5.2	6.0	5.7	6.3	5.9	5.7	7.9
01 EXEMPT	Hrs	1510	1536	1318	1655	1268	1392	761	1107	798	1025	842	992	14204
	\$	61.1	62.4	52.5	64.7	50.4	53.4	30.3	44.3	31.9	40.3	33.1	39.2	563.6
21 PO CONTRACTS	\$	0.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	95.0	0.0	0.0	175.0
3R KAISER	\$	15.6	25.7	11.4	3.7	5.7	5.3	0.1	2.4	2.3	2.5	2.4	41.8	118.9
4C MPR	\$	0.0	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	16.7	0.0	0.0	23.9
7C ORG OVERHEAD		12.7	17.4	14.8	18.3	14.8	16.3	7.4	12.4	9.1	11.6	9.7	12.0	156.5
Total BCWS	Staff	10.7	12.6	11.2	10.6	9.9	10.4	6.2	7.0	6.7	7.3	6.9	6.7	8.9
	Hrs	1666	1669	1447	1827	1411	1541	907	1291	936	1186	983	1167	16031
	\$	91.9	118.5	91.7	100.3	84.1	88.2	50.9	72.9	56.4	168.6	47.4	95.7	1066.8

WORK PACKAGE: 1A22100J ETF OPERATING PROCEDURES
Resp Org: 86230 200A PROCESS ENGINEERING

Scope of Work:
PREPARE ETF OPERATING PROCEDURES

Revision No: 02
Date: 12/02/93

CAP STATUS: R

Task: 1A22100J01 A2B81 ETF OPERATING SPEC DOC
Performing Org: 86230 200A PROCESS ENGINEERING
E V Method: 2 PERCENT COMPLETE METHOD
Parent WBS:

Scope of Work:
PREPARE AND ISSUE OPERATING SPECIFICATION
DOCUMENT

Revision No: 02
Date: 12/02/93
Cin Num: SU94REP3
CAP STATUS: R

Approved By: ----- FLYCKT, DL 2-3142 Date: / /

Milestones: Narrative

A2B81-01 O 06/01/94 FIRST DRAFT OF OPERATING SPECIFICATION DOCUMENT COMPLETE

Cost Elements:

Fiscal Year: 1994		Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Total
01 EXEMPT	Staff	1.0	1.0	1.0	1.0	1.0	2.0	2.0	2.0	1.0	1.0	0.4	0.3	1.1
	Hrs	156	133	129	172	143	298	292	368	138	161	56	53	2099
	\$	6.3	5.4	5.1	6.9	5.7	11.9	11.6	14.7	5.5	6.4	2.2	2.1	83.8
7C ORG OVERHEAD		1.3	1.1	1.0	1.4	1.1	2.4	2.3	2.9	1.1	1.3	0.4	0.4	16.8
Total BCWS	Staff	1.0	1.0	1.0	1.0	1.0	2.0	2.0	2.0	1.0	1.0	0.4	0.3	1.1
	Hrs	156	133	129	172	143	298	292	368	138	161	56	53	2099
	\$	7.6	6.5	6.2	8.2	6.8	14.3	14.0	17.6	6.6	7.7	2.7	2.5	100.6

Total BCWP: -----

Task: 1A22100J02 A2B82 ETF TEST PROCEDURES
Performing Org: 86230 200A PROCESS ENGINEERING
E V Method: 2 PERCENT COMPLETE METHOD
Parent WBS:

Scope of Work:
PREPARE, ISSUE, AND REVIEW TESTING PROCEDURES

Revision No: 02
Date: 12/02/93
Cin Num: SU94REP3
CAP STATUS: R

Approved By: ----- FLYCKT, DL 2-3142 Date: / /

Milestones: Narrative

A2B82-01 O 04/01/94 ISSUE TEST PLAN

A2B82-02 O 08/01/94 DRAFT TEST SPECIFICATIONS AND PROCEDURES COMPLETE

Cost Elements:

Fiscal Year: 1994		Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Total
01 EXEMPT	Staff	1.0	1.0	1.0	2.5	3.2	3.0	7.3	5.8	7.8	6.6	7.6	6.1	4.4
	Hrs	156	133	129	430	458	447	1066	1067	1076	1063	1072	1068	8165
	\$	6.3	5.4	5.1	17.1	18.3	17.8	42.5	42.5	42.9	42.4	42.7	42.6	325.6
7C ORG OVERHEAD		1.3	1.1	1.0	3.4	3.7	3.6	8.5	8.5	8.6	8.5	8.5	8.5	65.1
Total BCWS	Staff	1.0	1.0	1.0	2.5	3.2	3.0	7.3	5.8	7.8	6.6	7.6	6.1	4.4
	Hrs	156	133	129	430	458	447	1066	1067	1076	1063	1072	1068	8165
	\$	7.6	6.5	6.2	20.6	21.9	21.4	51.0	51.0	51.5	50.8	51.3	51.1	390.7

Total BCWP: -----

Task: 1A22100J03 A2B83 ETF PLANT OPERATING PROCEDURES Scope of Work:
 Performing Org: 86230 200A PROCESS ENGINEERING PREPARE AND ISSUE PLANT OPERATING PROCEDURES
 E V Method: 2 PERCENT COMPLETE METHOD
 Parent WBS:
 Approved By: ----- FLYCKT, DL 2-3142 Date: / /

Revision No: 02
 Date: 12/02/93
 Cin Num: SU94REP3
 CAP STATUS: R

Milestones: Narrative
 A2B83-01 0 09/01/94 DRAFT PLANT OPERATING PROCEDURES COMPLETE

Cost Elements:

Fiscal Year: 1994		Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Total
01 EXEMPT	Staff	2.0	2.0	2.0	3.5	4.5	4.5	3.0	3.0	3.0	3.0	3.0	2.5	3.0
	Hrs	312	266	258	602	644	671	438	552	414	483	423	438	5501
	\$	12.6	10.8	10.3	24.0	25.7	26.7	17.5	22.0	16.5	19.2	16.9	17.5	219.6
7C ORG OVERHEAD		2.5	2.2	2.1	4.8	5.1	5.3	3.5	4.4	3.3	3.9	3.4	3.5	43.9
Total BCWS	Staff	2.0	2.0	2.0	3.5	4.5	4.5	3.0	3.0	3.0	3.0	3.0	2.5	3.0
	Hrs	312	266	258	602	644	671	438	552	414	483	423	438	5501
	\$	15.2	12.9	12.3	28.8	30.8	32.1	20.9	26.4	19.8	23.1	20.2	20.9	263.5

Total BCWP: -----

Task: 1A22100J04 A2B84 ETF MISC OPERATIONS DOCS Scope of Work:
 Performing Org: 86230 200A PROCESS ENGINEERING COORDINATE MISCELLANEOUS OPRNS DOCUMENTATION
 E V Method: 4 LEVEL OF EFFORT METHOD
 Parent WBS:
 Approved By: ----- FLYCKT, DL 2-3142 Date: / /

Revision No: 02
 Date: 12/02/93
 Cin Num: SU94REP3
 CAP STATUS: R

Cost Elements:

Fiscal Year: 1994		Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Total
01 EXEMPT	Staff	0.3	0.3	0.3	0.2	0.3	0.3	0.3	0.2	0.3	0.2	0.2	0.1	0.3
	Hrs	40	40	40	40	40	40	40	40	40	40	25	25	450
	\$	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.0	1.0	18.0
7C ORG OVERHEAD		0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.2	0.2	3.6
Total BCWS	Staff	0.3	0.3	0.3	0.2	0.3	0.3	0.3	0.2	0.3	0.2	0.2	0.1	0.3
	Hrs	40	40	40	40	40	40	40	40	40	40	25	25	450
	\$	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.2	1.2	21.6

Total BCWP: -----

Total Wp		Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Total
01 EXEMPT	Staff	4.3	4.3	4.3	7.2	9.0	9.8	12.6	11.0	12.1	10.8	11.2	9.0	8.8
	Hrs	664	572	556	1244	1285	1456	1836	2027	1668	1747	1576	1584	16215
	\$	26.9	23.1	22.2	49.6	51.2	58.0	73.2	80.8	66.5	69.6	62.8	63.1	646.9
7C ORG OVERHEAD		5.4	4.6	4.4	9.9	10.2	11.6	14.6	16.2	13.3	13.9	12.6	12.6	129.4

Total BCWS	Staff	4.3	4.3	4.3	7.2	9.0	9.8	12.6	11.0	12.1	10.8	11.2	9.0	8.8
	Hrs	664	572	556	1244	1285	1456	1836	2027	1668	1747	1576	1584	16215
	\$	32.2	27.8	26.6	59.5	61.5	69.6	87.8	96.9	79.8	83.5	75.4	75.7	776.3

WORK PACKAGE: 1A22100K ETF HEALTH PHYSICS
Resp Org: 33540 SOLID WASTE DISPOSAL HP

Scope of Work:
PROVIDE HEALTH PHYSICS SUPPORT TO ETF

Revision No: 02
Date: 12/02/93

CAP STATUS: R

Task: 1A22100K01 A2B61 ETF HEALTH PHYSICS
Performing Org: 33540 SOLID WASTE DISPOSAL HP
E V Method: 4 LEVEL OF EFFORT METHOD
Parent WBS:
Approved By: ----- ADAMS, EJ

Scope of Work:
ESTABLISH HEALTH PHYSICS ROUTINES; PROCURE RADIOLO
GICAL MONITORING EQUIPMENT; ESTABLISH HP TRAINING;
TRAIN HPTS
Date: / /

Revision No: 02
Date: 12/02/93
Cin Num: SU94REP3
CAP STATUS: R

Milestones: Narrative
A2B61-01 R 07/01/94 BEGIN STAFFING AND TRAINING IN SUPPORT OF FACILITY STARTUP IN FY 1995

Cost Elements:

Fiscal Year: 1994		Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Total
00 NON-EXEMPT	Staff	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.1	0.1	0.1	0.1	0.1	0.1
	Hrs	0	0	0	0	0	0	15	18	14	16	14	18	95
	\$	0.0	0.0	0.0	0.0	0.0	0.0	0.2	0.2	0.2	0.2	0.2	0.2	1.3
01 EXEMPT	Staff	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	2.0	2.0	2.0	1.3
	Hrs	156	133	129	172	143	149	146	184	138	322	282	350	2304
	\$	5.7	4.8	4.6	6.1	5.1	5.3	5.2	6.6	4.9	11.5	10.1	12.5	82.4
06 BARGAINING U	Staff	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	5.0	7.0	7.0	1.6
	Hrs	0	0	0	0	0	0	0	0	0	805	987	1225	3017
	\$	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	23.2	28.4	35.3	86.8
10 MATL & EQUIP	\$	0.0	0.0	0.0	1.0	0.5	0.5	1.0	1.0	1.0	1.0	1.0	1.0	8.0
14 OFFICE SUPPL	\$	0.0	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	3.3
19 COMPUTER-HAR	\$	0.0	0.0	0.0	5.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	5.8
2M TRAINING-OFF	\$	0.0	0.0	0.0	0.0	0.0	2.5	0.0	0.0	0.0	2.5	0.0	0.0	5.0
2T TRAVEL & LIV	\$	0.0	0.0	0.0	0.0	0.0	0.0	2.5	0.0	0.0	2.5	0.0	0.0	5.0
4C MPR	\$	0.0	0.0	0.1	1.2	1.1	1.1	0.2	0.2	0.2	0.2	0.2	0.2	4.7
7C ORG OVERHEAD		2.1	1.8	1.7	2.3	1.9	2.0	2.1	2.6	1.9	13.3	14.7	18.2	64.8
Total BCWS	Staff	1.0	1.0	1.0	1.0	1.0	1.0	1.1	1.1	1.1	7.1	9.1	9.1	2.9
	Hrs	156	133	129	172	143	149	161	202	152	1143	1283	1593	5416
	\$	7.8	7.0	6.8	16.8	8.9	11.7	11.5	10.9	8.6	54.6	54.9	67.7	267.1

Total BCWP: -----

Total Wp		Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Total
	Staff	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.1	0.1	0.1	0.1	0.1	0.1
00 NON-EXEMPT	Hrs	0	0	0	0	0	0	15	18	14	16	14	18	95
	\$	0.0	0.0	0.0	0.0	0.0	0.0	0.2	0.2	0.2	0.2	0.2	0.2	1.3
	Staff	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	2.0	2.0	2.0	1.3
01 EXEMPT	Hrs	156	133	129	172	143	149	146	184	138	322	282	350	2304
	\$	5.7	4.8	4.6	6.1	5.1	5.3	5.2	6.6	4.9	11.5	10.1	12.5	82.4
	Staff	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	5.0	7.0	7.0	1.6
06 BARGAINING U	Hrs	0	0	0	0	0	0	0	0	0	805	987	1225	3017
	\$	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	23.2	28.4	35.3	86.8
10 MATL & EQUIP	\$	0.0	0.0	0.0	1.0	0.5	0.5	1.0	1.0	1.0	1.0	1.0	1.0	8.0
14 OFFICE SUPPL	\$	0.0	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	3.3
19 COMPUTER-HAR	\$	0.0	0.0	0.0	5.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	5.8
2M TRAINING-OFF	\$	0.0	0.0	0.0	0.0	0.0	2.5	0.0	0.0	0.0	2.5	0.0	0.0	5.0
2T TRAVEL & LIV	\$	0.0	0.0	0.0	0.0	0.0	0.0	2.5	0.0	0.0	2.5	0.0	0.0	5.0
4C MPR	\$	0.0	0.0	0.1	1.2	1.1	1.1	0.2	0.2	0.2	0.2	0.2	0.2	4.7
7C ORG OVERHEAD		2.1	1.8	1.7	2.3	1.9	2.0	2.1	2.6	1.9	13.3	14.7	18.2	64.8
Total BCWS	Staff	1.0	1.0	1.0	1.0	1.0	1.0	1.1	1.1	1.1	7.1	9.1	9.1	2.9
	Hrs	156	133	129	172	143	149	161	202	152	1143	1283	1593	5416
	\$	7.8	7.0	6.8	16.8	8.9	11.7	11.5	10.9	8.6	54.6	54.9	67.7	267.1

WORK PACKAGE: 1A22100M ETF AIR PERMITTING
Resp Org: 88300 AIR & WATER PERMITS

Scope of Work:
COORDINATE AIR PERMITTING REQUIREMENTS FOR ETF

Revision No: 02
Date: 12/02/93

CAP STATUS: R

Task: 1A22100M01 AC3A1 C018 (ETF) AIR PERMITTING-TAPS Scope of Work: Revision No: 02
Performing Org: 88300 AIR & WATER PERMITS DEVELOP AND TRANSMIT DOCUMENTATION REQUIRED BY ECO Date: 12/02/93
E V Method: 5 MODIFIED MILESTONE METHOD LOGY TO OBTAIN APPROVAL, PURSUANT TO WAC 173-460, Cin Num: SU94REP3
Parent WBS: TO CONSTRUCT C-018 (TAPS) CAP STATUS: R
Approved By: ----- OLDHAM, RW 6-1044 Date: / /

Milestones: Narrative
AC3A1-01 O 12/31/93 SUBMIT 1ST QUARTER REPORT ON STATUS OF ETF PERMITTING ACTIVITIES - AIR
AC3A1-02 O 03/31/94 SUBMIT 2ND QUARTER REPORT ON STATUS OF ETF PERMITTING ACTIVITIES - AIR
AC3A1-03 O 06/30/94 SUBMIT 3RD QUARTER REPORT ON STATUS OF ETF PERMITTING ACTIVITIES - AIR
AC3A1-04 O 09/30/94 SUBMIT 4TH QUARTER REPORT ON STATUS OF ETF PERMITTING ACTIVITIES - AIR

Cost Elements:

Fiscal Year: 1994		Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Total
01 EXEMPT	Staff	0.2	0.3	0.2	0.2	0.3	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
	Hrs	30	36	25	33	38	30	30	44	27	33	27	36	389
	\$	1.1	1.3	0.9	1.2	1.4	1.1	1.1	1.6	1.0	1.2	1.0	1.3	13.9
7C ORG OVERHEAD		0.3	0.4	0.3	0.4	0.4	0.3	0.3	0.5	0.3	0.4	0.3	0.4	4.4
Total BCWS	Staff	0.2	0.3	0.2	0.2	0.3	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
	Hrs	30	36	25	33	38	30	30	44	27	33	27	36	389
	\$	1.4	1.7	1.2	1.6	1.8	1.4	1.4	2.1	1.3	1.6	1.3	1.7	18.3

Total BCWP:

Total Wp		Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Total
01 EXEMPT	Staff	0.2	0.3	0.2	0.2	0.3	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
	Hrs	30	36	25	33	38	30	30	44	27	33	27	36	389
	\$	1.1	1.3	0.9	1.2	1.4	1.1	1.1	1.6	1.0	1.2	1.0	1.3	13.9
7C ORG OVERHEAD		0.3	0.4	0.3	0.4	0.4	0.3	0.3	0.5	0.3	0.4	0.3	0.4	4.4
Total BCWS	Staff	0.2	0.3	0.2	0.2	0.3	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
	Hrs	30	36	25	33	38	30	30	44	27	33	27	36	389
	\$	1.4	1.7	1.2	1.6	1.8	1.4	1.4	2.1	1.3	1.6	1.3	1.7	18.3

WORK PACKAGE: 1A22100N ETF WATER PERMITTING
Resp Org: 88300 AIR & WATER PERMITS

Scope of Work:
COORDINATE WATER PERMITTING REQUIREMENTS FOR ETF

Revision No: 02
Date: 12/02/93

CAP STATUS: R

Task: 1A22100N01 AC3W1 216 PERMIT/240 ENG SUPT TO ETF Scope of Work:
Performing Org: 88300 AIR & WATER PERMITS PROVIDE SUPPORT TO ETF FOR 216 PERMIT AND 240
E V Method: 5 MODIFIED MILESTONE METHOD ENGINEERING REPORTS
Parent WBS:
Approved By: ----- OLDHAM, RW 6-1044 Date: / /

Revision No: 02
Date: 12/02/93
Cin Num: SU94REP3
CAP STATUS: R

Milestones:

Narrative

AC3W1-01	O 12/31/93 SUBMIT 1ST QUARTER REPORT ON STATUS OF ETF PERMITTING ACTIVITIES - WATER
AC3W1-02	O 03/31/94 SUBMIT 2ND QUARTER REPORT ON STATUS OF ETF PERMITTING ACTIVITIES - WATER
AC3W1-03	O 06/30/94 SUBMIT 3RD QUARTER REPORT ON STATUS OF ETF PERMITTING ACTIVITIES - WATER
AC3W1-04	O 09/30/94 SUBMIT 4TH QUARTER REPORT ON STATUS OF ETF PERMITTING ACTIVITIES - WATER

Cost Elements:

[illegible]

	Staff	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5
01 EXEMPT	Hrs	78	67	65	86	72	75	73	92	69	81	71	88	917
	\$	2.8	2.4	2.3	3.1	2.6	2.7	2.6	3.3	2.5	2.9	2.5	3.1	32.8
14 OFFICE SUPPL	\$	0.0	0.0	0.0	0.0	0.0	0.0	0.5	0.0	0.0	0.5	0.0	0.0	1.0
19 COMPUTER-HAR	\$	0.0	0.0	3.0	0.0	0.0	3.0	0.0	0.0	3.0	0.0	0.0	0.0	9.0
2T TRAVEL & LIV	\$	0.0	0.0	0.0	0.0	0.0	0.5	0.0	0.5	0.0	0.5	0.0	0.5	2.0
2Y LOCAL MTGS A	\$	0.0	0.0	0.0	0.0	0.0	0.5	0.0	0.0	0.5	0.0	0.0	0.5	1.5
21 PO CONTRACTS	\$	2.5	47.5	15.0	0.0	0.0	3.0	0.0	0.0	3.0	0.0	0.0	3.0	74.0
4C MPR	\$	0.0	3.0	0.7	0.0	0.0	0.3	0.0	0.0	0.3	0.0	0.0	0.3	4.6
6P INFO SERVICE	\$	0.0	0.5	0.0	0.5	0.0	0.5	0.5	0.5	0.0	0.5	0.5	0.5	4.0
7C ORG OVERHEAD		1.0	0.9	0.8	1.1	0.9	0.9	0.9	1.1	0.9	1.0	0.9	1.1	11.4
Total BCWS	Staff	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6
	Hrs	92	83	81	102	88	91	89	108	85	97	87	104	1107
	\$	6.5	54.5	22.1	4.9	3.7	11.6	4.7	5.6	10.4	5.6	4.2	9.3	143.0

Total BCWP: -----

Task: 1A22100N02 AC3W2 ETF GEOHYDROLOGY SUPPORT

Scope of Work:

Revision No: 02

Performing Org: 81235 RCRA GEOHYDROLOGY

PROVIDE SUPPORT FOR ETF PERMITTING ACTIVITIES

Date: 12/02/93

E V Method: 4 LEVEL OF EFFORT METHOD

Cin Num: SU94REP3

Parent WBS:

CAP STATUS: R

Approved By: ----- JACKSON, RL

2-3501

Date: / /

Cost Elements:

Fiscal Year: 1994	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Total
Staff	0.4	0.5	0.5	0.3	0.4	0.4	0.4	0.3	0.4	0.4	0.4	0.3	0.4
01 EXEMPT	Hrs	60	60	60	60	60	60	60	60	60	60	60	720
	\$	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	25.3
7C ORG OVERHEAD		0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	8.4
Total BCWS	Staff	0.4	0.5	0.5	0.3	0.4	0.4	0.4	0.3	0.4	0.4	0.3	0.4
	Hrs	60	60	60	60	60	60	60	60	60	60	60	720
	\$	2.8	2.8	2.8	2.8	2.8	2.8	2.8	2.8	2.8	2.8	2.8	33.7

Total BCWP: -----

Task: 1A22100N03 AC3W5 ETF DELISTING PETITION

Scope of Work:

Revision No: 02

Performing Org: 88300 AIR & WATER PERMITS

PROVIDE SUPPORT FOR ETF DELISTING PETITION

Date: 12/02/93

E V Method: 4 LEVEL OF EFFORT METHOD

Cin Num: SU94REP3

Parent WBS:

CAP STATUS: R

Approved By: ----- OLDHAM, RW

6-1044

Date: / /

Cost Elements:

Fiscal Year: 1994		Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Total
00 NON-EXEMPT	Staff	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
	Hrs	16	16	16	16	16	16	16	16	16	16	16	16	192
	\$	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	2.8
01 EXEMPT	Staff	0.5	0.6	0.6	0.5	0.6	0.5	0.5	0.4	0.6	0.5	0.6	0.5	0.5
	Hrs	80	80	80	80	80	80	80	80	80	80	80	80	960
	\$	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	34.3
2T TRAVEL & LIV	\$	0.0	0.0	1.0	0.0	1.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.0
6P INFO SERVICE	\$	0.0	0.0	0.5	0.0	0.5	0.0	0.0	0.0	0.5	0.0	0.5	0.0	2.0
7C ORG OVERHEAD		1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	11.9
Total BCWS	Staff	0.6	0.7	0.7	0.6	0.7	0.6	0.6	0.5	0.7	0.6	0.7	0.6	0.6
	Hrs	96	96	96	96	96	96	96	96	96	96	96	96	1152
	\$	4.1	4.1	5.6	4.1	5.6	4.1	4.1	4.1	4.6	4.1	4.6	4.1	53.0

Total BCWP: -----

Total Wp		Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Total
00 NON-EXEMPT	Staff	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
	Hrs	30	32	32	32	32	32	32	32	32	32	32	32	382
	\$	0.4	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	5.6
01 EXEMPT	Staff	1.4	1.6	1.6	1.3	1.5	1.4	1.4	1.2	1.5	1.4	1.5	1.3	1.4
	Hrs	218	207	205	226	212	215	213	232	209	221	211	228	2597
	\$	7.9	7.5	7.3	8.0	7.5	7.6	7.6	8.2	7.4	7.8	7.5	8.1	92.4
14 OFFICE SUPPL	\$	0.0	0.0	0.0	0.0	0.0	0.0	0.5	0.0	0.0	0.5	0.0	0.0	1.0
19 COMPUTER-HAR	\$	0.0	0.0	3.0	0.0	0.0	3.0	0.0	0.0	3.0	0.0	0.0	0.0	9.0
2T TRAVEL & LIV	\$	0.0	0.0	1.0	0.0	1.0	0.5	0.0	0.5	0.0	0.5	0.0	0.5	4.0
2Y LOCAL MTGS A	\$	0.0	0.0	0.0	0.0	0.0	0.5	0.0	0.0	0.5	0.0	0.0	0.5	1.5
21 PO CONTRACTS	\$	2.5	47.5	15.0	0.0	0.0	3.0	0.0	0.0	3.0	0.0	0.0	3.0	74.0
4C MPR	\$	0.0	3.0	0.7	0.0	0.0	0.3	0.0	0.0	0.3	0.0	0.0	0.3	4.6
6P INFO SERVICE	\$	0.0	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	1.0	0.5	6.0
7C ORG OVERHEAD		2.7	2.6	2.5	2.7	2.6	2.6	2.6	2.8	2.5	2.7	2.6	2.8	31.6
Total BCWS	Staff	1.6	1.8	1.8	1.5	1.7	1.6	1.6	1.4	1.7	1.6	1.7	1.5	1.6
	Hrs	248	239	237	258	244	247	245	264	241	253	243	260	2979
	\$	13.5	61.5	30.4	11.7	12.1	18.5	11.6	12.5	17.7	12.5	11.5	16.1	229.7

WORK PACKAGE: 1A22100P ETF SEPTIC PERMITTING
Resp Org: 88300 AIR & WATER PERMITS

Scope of Work:
COORDINATE SEPTIC PERMITTING REQUIREMENTS FOR ETF

Revision No: 02
Date: 12/02/93

CAP STATUS: R

Task: 1A22100P01 AC3X1 ETF SEPTIC PERMITTING
Performing Org: 88300 AIR & WATER PERMITS
E V Method: 5 MODIFIED MILESTONE METHOD
Parent WBS:
Approved By: ----- OLDHAM, RW

Scope of Work:
PROVIDE SUPPORT TO ETF FOR SEPTIC PERMITTING

Revision No: 02
Date: 12/02/93
Cin Num: SU94REP3
CAP STATUS: R

6-1044 Date: / /

Milestones:

Narrative

AC3X1-01 O 12/31/93 SUBMIT 1ST QUARTER REPORT ON STATUS OF ETF PERMITTING ACTIVITIES - SEPTIC

AC3X1-02 O 03/31/94 SUBMIT 2ND QUARTER REPORT ON STATUS OF ETF PERMITTING ACTIVITIES - SEPTIC

AC3X1-03 O 06/30/94 SUBMIT 3RD QUARTER REPORT ON STATUS OF ETF PERMITTING ACTIVITIES - SEPTIC

AC3X1-04 O 09/30/94 SUBMIT 4TH QUARTER REPORT ON STATUS OF ETF PERMITTING ACTIVITIES - SEPTIC

Cost Elements:

Fiscal Year: 1994		Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Total
01 EXEMPT	Staff	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
	Hrs	31	27	26	34	29	30	29	37	28	32	28	35	366
	\$	1.1	1.0	0.9	1.2	1.0	1.1	1.0	1.3	1.0	1.1	1.0	1.2	13.1
7C ORG OVERHEAD		0.4	0.3	0.3	0.4	0.3	0.3	0.3	0.4	0.3	0.4	0.3	0.4	4.2
Total BCWS	Staff	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
	Hrs	31	27	26	34	29	30	29	37	28	32	28	35	366
	\$	1.5	1.3	1.2	1.6	1.4	1.4	1.4	1.7	1.3	1.5	1.3	1.6	17.3

Total BCWP:

Total Wp		Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Total
01 EXEMPT	Staff	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
	Hrs	31	27	26	34	29	30	29	37	28	32	28	35	366
	\$	1.1	1.0	0.9	1.2	1.0	1.1	1.0	1.3	1.0	1.1	1.0	1.2	13.1
7C ORG OVERHEAD		0.4	0.3	0.3	0.4	0.3	0.3	0.3	0.4	0.3	0.4	0.3	0.4	4.2
Total BCWS	Staff	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
	Hrs	31	27	26	34	29	30	29	37	28	32	28	35	366
	\$	1.5	1.3	1.2	1.6	1.4	1.4	1.4	1.7	1.3	1.5	1.3	1.6	17.3

WORK PACKAGE: 1A22100R ETF PART B PERMIT/RCRA
Resp Org: 88200 RCRA PERMITS

Scope of Work:
COORDINATE PART B PERMITTING/RCRA ACTIVITIES FOR
ETF

Revision No: 02
Date: 12/02/93

CAP STATUS: R

Task: 1A22100R01 A2C80 ETF RCRA PERMIT SUPPORT

Scope of Work:

Revision No: 02

Performing Org: 88220 RCRA UNIT PERMITS

SUPPORT ETF RCRA PERMITTING ACTIVITIES

Date: 12/02/93

E V Method: 5 MODIFIED MILESTONE METHOD

Cin Num: SU94REP3

Parent WBS:

CAP STATUS: R

Approved By: ----- BOWMAN, RC

6-4876 Date: / /

Milestones:

Narrative

A2C80-01 O 12/28/93 ECOLOGY REVIEW OF PERMIT

A2C80-02 O 04/27/94 DOE/RL RESPONSE (NOD TABLE)

A2C80-03 O 08/25/94 ECOLOGY REVIEW (NOD RESPONSE TABLE)

A2C80-04 O 09/30/94 UMM TO RESOLVE ISSUES

A2C80-05 O 12/31/93 1ST QUARTERLY UPDATE ON RCRA ACTIVITIES

A2C80-06 O 03/31/94 2ND QUARTERLY UPDATE ON RCRA ACTIVITIES

A2C80-07 O 06/30/94 3RD QUARTERLY UPDATE ON RCRA ACTIVITIES

A2C80-08 O 09/30/94 4TH QUARTERLY UPDATE ON RCRA ACTIVITIES

Cost Elements:

Fiscal Year: 1994		Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Total
00 NON-EXEMPT	Staff	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
	Hrs	10	10	10	10	10	10	10	10	10	10	10	10	120
	\$	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	1.8
01 EXEMPT	Staff	0.5	0.6	0.6	1.2	1.2	1.1	1.1	0.4	0.6	0.5	0.6	1.0	0.8
	Hrs	80	80	80	200	170	160	161	80	80	80	80	171	1422
	\$	2.9	2.9	2.9	7.1	6.1	5.7	5.7	2.9	2.9	2.9	2.9	6.1	50.8
14 OFFICE SUPPL	\$	0.0	0.0	0.0	1.0	1.0	0.0	1.0	1.0	0.0	0.0	1.4	0.0	5.4
2L TRAINING-ONS	\$	0.0	0.2	0.3	0.0	0.2	0.3	0.0	0.2	0.3	0.0	0.0	0.0	1.5
2M TRAINING-OFF	\$	0.0	0.0	0.5	0.0	0.5	0.0	0.5	0.0	0.5	0.0	0.0	0.0	2.0
2T TRAVEL & LIV	\$	0.0	0.2	0.0	0.3	0.0	0.2	0.0	0.3	0.0	0.5	1.0	0.5	3.0
21 PO CONTRACTS	\$	0.0	0.0	0.0	5.0	5.0	5.0	3.4	0.0	0.0	0.0	0.0	0.0	18.4
3R KAISER	\$	0.0	0.0	5.0	5.0	0.0	0.0	0.0	0.0	2.0	0.0	0.0	0.0	12.0
4C MPR	\$	0.0	0.0	0.0	0.7	0.7	0.4	0.2	0.2	0.0	0.0	0.4	0.0	2.6
6P INFO SERVICE	\$	0.0	0.0	0.0	0.9	0.9	0.9	0.9	0.5	0.5	0.5	0.0	0.0	5.1
C ORG OVERHEAD		1.0	1.0	1.0	2.3	2.0	1.9	1.9	1.0	1.0	1.0	1.0	2.0	16.8
Total BCWS	Staff	0.6	0.7	0.7	1.3	1.3	1.2	1.2	0.5	0.7	0.6	0.7	1.1	0.9
	Hrs	90	90	90	210	180	170	171	90	90	90	90	181	1542
	\$	4.0	4.4	9.8	22.5	16.5	14.5	13.8	6.2	7.3	5.0	6.8	8.7	119.3

Total BCWP:

Task: 1A22100R02 A2C81 ETF RCRA PERMIT SUPPORT
 Performing Org: 86270 200A LIQ EFFL FAC REG COMP
 E V Method: 4 LEVEL OF EFFORT METHOD
 Parent WBS:
 Approved By: WILLIAMS, JD

Scope of Work:
 SUPPORT ETF RCRA PERMITTING ACTIVITIES
 3-4967 Date: / /

Revision No: 02
 Date: 12/02/93
 Cin Num: SU94REP3
 CAP STATUS: R

Cost Elements:

Fiscal Year: 1994		Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Total
01 EXEMPT	Staff	0.5	0.6	0.7	0.5	0.6	0.6	0.6	0.5	0.6	0.5	0.6	0.5	0.6
	Hrs	84	84	84	84	84	84	84	84	84	84	84	84	1008
	\$	3.4	3.4	3.3	3.3	3.3	3.3	3.3	3.3	3.3	3.3	3.3	3.3	40.3
7C ORG OVERHEAD		0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	8.1
Total BCWS	Staff	0.5	0.6	0.7	0.5	0.6	0.6	0.6	0.5	0.6	0.5	0.6	0.5	0.6
	Hrs	84	84	84	84	84	84	84	84	84	84	84	84	1008
	\$	4.1	4.1	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	48.3

Total BCWP:

Task: 1A22100R05 A2C85 ETF RCRA PERMIT SUPPORT
 Performing Org: 88220 RCRA UNIT PERMITS
 E V Method: 4 LEVEL OF EFFORT METHOD
 Parent WBS:
 Approved By: BOWMAN, RC

Scope of Work:
 MISC SUPPORT TO ETF RCRA PERMITTING ACTIVITIES
 FROM OTHER ORGS.
 6-4876 Date: / /

Revision No: 02
 Date: 12/02/93
 Cin Num: SU94REP3
 CAP STATUS: R

Cost Elements:

Fiscal Year: 1994		Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Total
01 EXEMPT	Staff	0.0	0.0	0.0	0.1	0.1	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	Hrs	0	0	0	20	20	20	0	0	0	0	0	0	60
	\$	0.0	0.0	0.0	0.7	0.7	0.7	0.0	0.0	0.0	0.0	0.0	0.0	2.1
7C ORG OVERHEAD		0.0	0.0	0.0	0.2	0.2	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.7
Total BCWS	Staff	0.0	0.0	0.0	0.1	0.1	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	Hrs	0	0	0	20	20	20	0	0	0	0	0	0	60
	\$	0.0	0.0	0.0	0.9	0.9	0.9	0.0	0.0	0.0	0.0	0.0	0.0	2.8

Total BCWP:

Total Wp		Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Total
00 NON-EXEMPT	Staff	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
	Hrs	10	10	10	10	10	10	10	10	10	10	10	10	120
	\$	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	1.8
01 EXEMPT	Staff	1.0	1.2	1.3	1.8	1.9	1.8	1.7	0.9	1.2	1.0	1.2	1.5	1.4
	Hrs	164	164	164	304	274	264	245	164	164	164	164	255	2490
	\$	6.3	6.3	6.2	11.2	10.1	9.8	9.1	6.2	6.2	6.2	6.2	9.4	93.2

14 OFFICE SUPPL	\$	0.0	0.0	0.0	1.0	1.0	0.0	1.0	1.0	0.0	0.0	1.4	0.0	5.4
2L TRAINING-ONS	\$	0.0	0.2	0.3	0.0	0.2	0.3	0.0	0.2	0.3	0.0	0.0	0.0	1.5
2M TRAINING-OFF	\$	0.0	0.0	0.5	0.0	0.5	0.0	0.5	0.0	0.5	0.0	0.0	0.0	2.0
2T TRAVEL & LIV	\$	0.0	0.2	0.0	0.3	0.0	0.2	0.0	0.3	0.0	0.5	1.0	0.5	3.0
21 PO CONTRACTS	\$	0.0	0.0	0.0	5.0	5.0	5.0	3.4	0.0	0.0	0.0	0.0	0.0	18.4
3R KAISER	\$	0.0	0.0	5.0	5.0	0.0	0.0	0.0	0.0	2.0	0.0	0.0	0.0	12.0
4C MPR	\$	0.0	0.0	0.0	0.7	0.7	0.4	0.2	0.2	0.0	0.0	0.4	0.0	2.6
6P INFO SERVICE	\$	0.0	0.0	0.0	0.9	0.9	0.9	0.9	0.5	0.5	0.5	0.0	0.0	5.1
7C ORG OVERHEAD		1.7	1.7	1.6	3.2	2.9	2.8	2.6	1.6	1.6	1.6	1.6	2.7	25.5
Total BCWS	Staff	1.1	1.3	1.4	1.9	2.0	1.9	1.8	1.0	1.3	1.1	1.3	1.6	1.5
	Hrs	174	174	174	314	284	274	255	174	174	174	174	265	2610
	\$	8.1	8.5	13.8	27.5	21.4	19.5	17.8	10.2	11.3	9.0	10.8	12.8	170.5

Total CAP		Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Total
	Staff	2.8	3.8	3.8	3.8	3.8	3.8	4.9	5.9	7.4	7.9	8.9	8.9	5.5
00 NON-EXEMPT	Hrs	430	508	494	644	543	564	714	1072	1022	1266	1255	1548	10060
	\$	6.9	8.1	7.8	10.2	8.6	8.9	11.2	16.9	16.6	21.0	20.7	25.5	162.4
	Staff	38.8	43.2	42.8	45.3	48.3	51.8	51.3	52.5	56.4	55.9	56.7	56.9	50.0
01 EXEMPT	Hrs	6049	5734	5519	7796	6896	7708	7494	9683	7793	9018	7995	9955	91640
	\$	239.1	227.2	214.5	302.7	268.9	298.3	292.6	379.2	304.3	351.2	311.4	387.0	3576.6
	Staff	5.0	5.0	5.0	5.0	5.0	10.0	10.0	11.0	14.0	29.0	37.0	37.0	14.4
06 BARGAINING U	Hrs	780	665	645	860	715	1490	1460	2024	1932	4669	5217	6475	26932
	\$	23.6	20.1	19.2	25.6	21.3	44.4	44.8	62.2	59.3	141.8	158.3	196.5	817.3
07 BU OVERTIME	Hrs	19	19	19	19	19	56	55	55	55	18	18	18	370
	\$	1.0	1.0	1.0	1.0	1.0	2.9	3.0	3.0	3.0	1.0	1.0	1.0	19.7
10 MATL & EQUIP	\$	3.0	2.0	0.0	6.1	0.6	4.0	4.1	54.1	54.1	54.1	54.1	54.1	290.3
14 OFFICE SUPPL	\$	3.0	2.3	3.3	3.3	4.3	3.3	4.8	4.3	3.3	3.8	4.7	3.3	43.7
19 COMPUTER-HAR	\$	0.0	5.0	13.0	15.8	10.0	13.0	15.0	15.0	18.0	15.0	15.0	15.0	149.8
2B UNDIST BUDGE	\$	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.0	1.0	1.5	3.5
2L TRAINING-ONS	\$	1.0	1.2	1.3	1.0	1.2	1.3	1.0	1.2	1.3	1.0	1.0	1.0	13.5
2M TRAINING-OFF	\$	0.0	2.0	0.5	2.0	0.5	4.5	0.5	2.0	0.5	4.5	0.0	2.0	19.0
2T TRAVEL & LIV	\$	5.0	5.2	6.0	5.3	6.0	5.7	7.5	5.8	5.0	8.5	6.0	6.0	72.0
2Y LOCAL MTGS A	\$	0.0	0.0	0.0	0.0	0.0	0.5	0.0	0.0	0.5	0.0	0.0	0.5	1.5

21 PO CONTRACTS	\$	2.5	57.5	48.2	38.2	38.2	41.2	36.6	33.2	36.2	118.2	23.0	26.0	499.0
3R KAISER	\$	15.6	25.7	16.4	8.7	5.7	5.3	0.1	2.4	4.3	2.5	2.4	41.8	130.9
4C MPR	\$	1.1	6.7	6.5	8.1	8.0	9.0	7.6	17.6	17.7	33.2	16.7	16.6	148.8
4V FLEET	\$	0.0	0.9	1.0	1.0	1.0	1.0	2.0	2.0	2.0	2.0	3.0	3.0	18.9
41 TRNG-SAFE&EN	\$	1.7	1.7	1.7	2.2	2.2	2.2	2.2	2.7	2.7	2.7	3.2	3.2	28.4
6N NETWORK ACCE	\$	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	12.0
6P INFO SERVICE	\$	10.3	10.8	10.8	14.7	13.7	9.0	9.0	8.6	10.6	10.6	10.6	10.1	128.8
7C ORG OVERHEAD		61.7	62.5	60.3	82.6	73.3	86.7	80.9	106.9	89.4	123.7	117.9	147.7	1093.5
Total BCWS Staff		46.6	52.0	51.6	54.1	57.1	65.6	66.2	69.4	77.8	92.8	102.6	102.8	69.9
Hrs		7278	6926	6677	9319	8173	9818	9723	12834	10802	14971	14485	17996	129002
\$		376.5	441.0	412.5	529.6	465.4	542.2	524.0	718.0	629.8	896.8	751.0	942.8	7229.5
Total GA/CSP		93.4	108.1	102.4	133.6	117.7	137.4	133.6	182.7	159.9	228.3	191.1	233.3	1821.4
Total with GA/CSP		469.9	549.1	514.9	663.1	583.2	679.6	657.6	900.7	789.6	1125.1	942.1	1176.1	9051.0

Approval Signatures:

Function Mgr:

/ /

Cap Status

Budgets:

/ /

PBR/SCH:

/ /

R

C.A. Mgr:

/ /

Activity Mgr:

/ /

CA/WBS: 1A2220 200 AREA TEDF SUPPORT W049 Funding Source: 1994 EXPENSE Cap Rev: 02 Cin: SU94REP3 Start Completion
CA Manager: WEAVER, BF CAP Orig Date : 11/12/93 Budget (K\$): 1182.0 Date Date
Resp Org: 86200 200 A LIQUID EFFLUENT FAC Budget Analyst: G2 - ALLENDER, CM Phone: 2-2603 10/01/93 09/30/94
GL Index: RBY B & R Number: EW3130020 B & R Title: RICHLAND SOLID/LIQUID WASTE CAP STATUS: R

WORK PACKAGE: 1A22200A 200 AREA TEDF SITING Scope of Work: Revision No: 02
Resp Org: 81330 ENVIRONMENTAL ENGINEERING SUPPORT THE 200 AREA TEDF SITING PROCESS Date: 12/02/93

CAP STATUS: R

Task: 1A22200A01 AWCAA 200 AREA TEDF SITING SUPPORT Scope of Work: Revision No: 02
Performing Org: 81330 ENVIRONMENTAL ENGINEERING PROVIDE SUPPORT TO 200 AREA TEDF FOR GROUNDWATER M Date: 12/02/93
E V Method: 2 PERCENT COMPLETE METHOD MONITORING, NUMERICAL MONITORING, ADDRESSING COMMEN Cin Num: SU94REP3
Parent WBS: TS ON SCR, AND MISC PERMITTING SUPPORT CAP STATUS: R
Approved By: ----- LAUTERBACH, MJ 6-5257 Date: / /

Milestones: Narrative

LEP-94-020 O 10/18/93 TRANSMIT SCR TO DOE/RL

LEP-94-022 K 09/30/94 ISSUE REV 2 OF DRAFT SCR FOR PUBLIC RELEASE

LEP-94-027 K 09/30/94 COMPLETE FY94 GROUND WATER MONITORING

1A2220001 O 12/01/93 INITIATE FY94 GROUND WATER MONITORING

1A2220002 K 11/15/93 ADDRESS DOE/RL COMMENTS ON DRAFT SCR AND ISSUE FOR PUBLIC RELEASE

1A2220003 O 04/06/94 ADDRESS ECOLOGY COMMENTS ON DRAFT SCR AND ISSUE REV. 1 FOR PUBLIC RELEASE

Cost Elements:

Fiscal Year: 1994		Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Total
00 NON-EXEMPT	Staff	0.0	1.0	0.5	0.0	0.5	1.0	0.0	0.0	0.0	0.0	0.0	1.0	0.3
	Hrs	0	133	65	0	72	149	0	0	0	0	0	175	594
	\$	0.0	2.5	1.2	0.0	1.3	2.7	0.0	0.0	0.0	0.0	0.0	3.2	11.0
01 EXEMPT	Staff	0.0	1.0	0.0	0.0	1.0	1.0	0.0	0.0	0.0	0.0	0.0	1.0	0.3
	Hrs	0	133	0	0	143	149	0	0	0	0	0	175	600
	\$	0.0	4.7	0.0	0.0	5.0	5.2	0.0	0.0	0.0	0.0	0.0	6.1	21.1
21 PO CONTRACTS	\$	0.0	0.0	3.9	10.0	10.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	23.9
4C MPR	\$	0.0	0.0	0.4	0.9	0.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.2
7C ORG OVERHEAD		0.0	2.4	0.4	0.0	2.1	2.6	0.0	0.0	0.0	0.0	0.0	3.1	10.6
Total BCWS	Staff	0.0	2.0	0.5	0.0	1.5	2.0	0.0	0.0	0.0	0.0	0.0	2.0	0.7
	Hrs	0	266	65	0	215	298	0	0	0	0	0	350	1194
	\$	0.0	9.6	5.9	10.9	19.3	10.6	0.0	0.0	0.0	0.0	0.0	12.4	68.8

Total BCWP: -----

Task: 1A22200A02 AWCAB 200 AREA TEDF SITING SUPPORT

Scope of Work:

Revision No: 02

Performing Org: 81230 GEOSCIENCES

PROVIDE GEOSCIENCES SUPPORT TO 200 AREA TEDF FOR

Date: 12/02/93

E V Method: 2 PERCENT COMPLETE METHOD

ISSUING SCR AND INTERPRETING GROUNDWATER MONITOR

Cin Num: SU94REP3

Parent WBS:

DATA

CAP STATUS: R

Approved By: ----- FECHT, KR

6-0940 Date: / /

Milestones:

Narrative

1A2220004 O 09/30/94 COMPLETE FY94 GROUND WATER MONITORING SUPPORT

Cost Elements:

Fiscal Year: 1994		Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Total
01 EXEMPT	Staff	0.0	1.0	0.0	0.0	1.0	1.0	0.0	0.0	0.0	0.0	0.0	1.0	0.3
	Hrs	0	133	0	0	143	149	0	0	0	0	0	175	600
	\$	0.0	4.7	0.0	0.0	5.0	5.2	0.0	0.0	0.0	0.0	0.0	6.1	21.1
3D PNL	\$	0.0	45.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	45.0
7C ORG OVERHEAD		0.0	1.6	0.0	0.0	1.7	1.7	0.0	0.0	0.0	0.0	0.0	2.0	7.0
Total BCWS	Staff	0.0	1.0	0.0	0.0	1.0	1.0	0.0	0.0	0.0	0.0	0.0	1.0	0.3
	Hrs	0	133	0	0	143	149	0	0	0	0	0	175	600
	\$	0.0	51.3	0.0	0.0	6.7	7.0	0.0	0.0	0.0	0.0	0.0	8.2	73.1

Total BCWP:

Total Wp		Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Total
00 NON-EXEMPT	Staff	0.0	1.0	0.5	0.0	0.5	1.0	0.0	0.0	0.0	0.0	0.0	1.0	0.3
	Hrs	0	133	65	0	72	149	0	0	0	0	0	175	594
	\$	0.0	2.5	1.2	0.0	1.3	2.7	0.0	0.0	0.0	0.0	0.0	3.2	11.0
01 EXEMPT	Staff	0.0	2.0	0.0	0.0	2.0	2.0	0.0	0.0	0.0	0.0	0.0	2.0	0.7
	Hrs	0	266	0	0	286	298	0	0	0	0	0	350	1200
	\$	0.0	9.5	0.0	0.0	10.0	10.5	0.0	0.0	0.0	0.0	0.0	12.3	42.3
21 PO CONTRACTS	\$	0.0	0.0	3.9	10.0	10.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	23.9
3D PNL	\$	0.0	45.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	45.0
4C MPR	\$	0.0	0.0	0.4	0.9	0.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.2
7C ORG OVERHEAD		0.0	3.9	0.4	0.0	3.7	4.4	0.0	0.0	0.0	0.0	0.0	5.1	17.6
Total BCWS	Staff	0.0	3.0	0.5	0.0	2.5	3.0	0.0	0.0	0.0	0.0	0.0	3.0	1.0
	Hrs	0	399	65	0	358	447	0	0	0	0	0	525	1794
	\$	0.0	60.9	5.9	10.9	26.0	17.6	0.0	0.0	0.0	0.0	0.0	20.6	141.9

WORK PACKAGE: 1A22200B 200 AREA TEDF PERMITTING

Scope of Work:

Revision No: 02

Resp Org: 88300 AIR & WATER PERMITS

SUPPORT THE 200 AREA TEDF PERMITTING PROCESS

Date: 12/02/93

CAP STATUS: R

Task: 1A22200801 A2WAA 200 AREA TEDF 216 PERMIT

Performing Org: 88300 AIR & WATER PERMITS

E V Method: 5 MODIFIED MILESTONE METHOD

Parent WBS:

Approved By: ----- OLDHAM, RW

Scope of Work:

INITIATE THE 216 PERMIT APPLICATION PROCESS;

SUBMIT THE WHC CERTIFIED 216 PERMIT APPLICATION

TO RL

6-1044 Date: / /

Revision No: 02

Date: 12/02/93

Cin Num: SU94REP3

CAP STATUS: R

Milestones:

Narrative

1A2220005 K 12/06/93 INITIATE 216 PERMIT APPLICATION PREPARATION

1A2220006 R 08/06/94 SUBMIT WHC CERTIFIED 216 PERMIT APPLICATION TO RL

Cost Elements:

Fiscal Year: 1994		Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Total
00 NON-EXEMPT	Staff	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.0	0.0	0.1
	Hrs	16	13	13	17	14	15	15	18	14	16	0	0	151
	\$	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.3	0.2	0.2	0.0	0.0	2.2
01 EXEMPT	Staff	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.5	0.5	0.9
	Hrs	156	133	129	172	143	149	146	184	138	161	71	88	1670
	\$	5.6	4.8	4.6	6.1	5.1	5.3	5.2	6.6	4.9	5.7	2.5	3.1	59.7
19 COMPUTER-HAR	\$	5.0	5.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	10.0
21 TRAINING-ONS	\$	0.0	0.0	0.5	0.0	0.5	0.0	0.0	0.0	0.5	0.0	0.0	0.0	1.5
2M TRAINING-OFF	\$	0.0	1.0	0.0	0.0	0.0	0.0	1.0	0.0	0.0	0.0	0.0	0.0	2.0
2T TRAVEL & LIV	\$	0.0	0.0	0.0	0.5	0.0	0.0	0.0	0.0	0.0	0.5	0.0	0.0	1.0
4C MPR	\$	0.8	0.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.6
41 TRNG-SAFE&EN	\$	0.0	0.0	0.0	0.3	0.0	0.0	0.0	0.0	0.0	0.2	0.0	0.0	0.5
6M IRM MAINT SE	\$	0.0	0.2	0.0	0.0	0.2	0.0	0.0	0.0	0.0	0.1	0.0	0.0	0.5
6P INFO SERVICE	\$	0.0	0.0	2.0	0.0	1.0	0.0	1.0	0.0	1.0	0.0	1.0	0.0	6.0
7C ORG OVERHEAD		1.9	1.6	1.5	2.0	1.7	1.8	1.7	2.2	1.6	1.9	0.8	1.0	19.8
Total BCWS	Staff	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	0.5	0.5	1.0
	Hrs	172	146	142	189	157	164	161	202	152	177	71	88	1821
	\$	13.6	13.6	8.8	9.2	8.7	7.3	9.2	9.0	8.3	8.7	4.3	4.1	104.8

Total BCWP: -----

Task: 1A22200802 A2WAB 200 AREA TEDF 216 PERMIT

Performing Org: 86230 200A PROCESS ENGINEERING

E V Method: 5 MODIFIED MILESTONE METHOD

Parent WBS:

Approved By: ----- FLYCKT, DL

Scope of Work:

ENGINEERING SUPPORT TO 200 AREA TEDF PERMIT;

SUBMIT OPRNS & MAINT MANUALS TO RL; INTEGRATE SAP

DATA INTO 216 PERMIT APPLICATION

2-3142 Date: / /

Revision No: 02

Date: 12/02/93

Cin Num: SU94REP3

CAP STATUS: R

Milestones:

Narrative

1A2220007 K 03/15/94 SUBMIT OPERATIONS & MAINTENANCE MANUALS TO RL

1A2220008 O 02/14/94 COMPLETE INTEGRATION OF SAP DATA INTO 216 PERMIT APPLICATION

Cost Elements:

Fiscal Year: 1994		Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Total
	Staff	0.5	0.5	0.5	2.5	2.5	2.5	3.0	3.0	3.0	2.7	2.0	1.8	2.0
01 EXEMPT	Hrs	78	67	65	430	358	373	438	552	414	435	282	315	3807
	\$	3.2	2.7	2.6	17.1	14.3	14.9	17.5	22.0	16.5	17.3	11.2	12.6	151.8
2M TRAINING-OFF	\$	0.0	0.5	0.0	0.0	0.0	0.0	0.5	0.0	0.0	0.0	0.0	0.0	1.0
2T TRAVEL & LIV	\$	0.0	0.5	0.0	0.0	0.0	0.0	0.5	0.0	0.0	0.0	0.0	0.0	1.0
7C ORG OVERHEAD		0.6	0.5	0.5	3.4	2.9	3.0	3.5	4.4	3.3	3.5	2.2	2.5	30.4
Total BCWS	Staff	0.5	0.5	0.5	2.5	2.5	2.5	3.0	3.0	3.0	2.7	2.0	1.8	2.0
	Hrs	78	67	65	430	358	373	438	552	414	435	282	315	3807
	\$	3.8	4.3	3.1	20.6	17.1	17.8	21.9	26.4	19.8	20.8	13.5	15.1	184.2

Total BCWP:

Total Wp		Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Total
	Staff	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.0	0.0	0.1
00 NON-EXEMPT	Hrs	16	13	13	17	14	15	15	18	14	16	0	0	151
	\$	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.3	0.2	0.2	0.0	0.0	2.2
	Staff	1.5	1.5	1.5	3.5	3.5	3.5	4.0	4.0	4.0	3.7	2.5	2.3	3.0
01 EXEMPT	Hrs	234	200	194	602	501	522	584	736	552	596	353	403	5477
	\$	8.8	7.5	7.2	23.3	19.4	20.2	22.7	28.6	21.4	23.1	13.8	15.7	211.5
19 COMPUTER-HAR	\$	5.0	5.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	10.0
2L TRAINING-ONS	\$	0.0	0.0	0.5	0.0	0.5	0.0	0.0	0.0	0.5	0.0	0.0	0.0	1.5
2M TRAINING-OFF	\$	0.0	1.5	0.0	0.0	0.0	0.0	1.5	0.0	0.0	0.0	0.0	0.0	3.0
2T TRAVEL & LIV	\$	0.0	0.5	0.0	0.5	0.0	0.0	0.5	0.0	0.0	0.5	0.0	0.0	2.0
4C MPR	\$	0.8	0.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.6
41 TRNG-SAFE&EN	\$	0.0	0.0	0.0	0.3	0.0	0.0	0.0	0.0	0.0	0.2	0.0	0.0	0.5
6M IRM MAINT SE	\$	0.0	0.2	0.0	0.0	0.2	0.0	0.0	0.0	0.0	0.1	0.0	0.0	0.5
6P INFO SERVICE	\$	0.0	0.0	2.0	0.0	1.0	0.0	1.0	0.0	1.0	0.0	1.0	0.0	6.0
7C ORG OVERHEAD		2.5	2.1	2.1	5.5	4.6	4.7	5.2	6.6	4.9	5.4	3.1	3.5	50.2
Total BCWS	Staff	1.6	1.6	1.6	3.6	3.6	3.6	4.1	4.1	4.1	3.8	2.5	2.3	3.0
	Hrs	250	213	207	619	515	537	599	754	566	612	353	403	5628
	\$	17.4	17.9	11.9	29.8	25.8	25.1	31.1	35.4	28.1	29.5	17.8	19.2	289.0

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WORK PACKAGE: 1A22200C 200 AREA TEDF REG COMPLIANCE	Scope of Work:	Revision No: 02
Resp Org: 86270 200A LIQ EFFL FAC REG COMP	SUPPORT THE 200 AREA TEDF REGULATORY COMPLIANCE	Date: 12/02/93
	PROCESS	

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CAP STATUS: R

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Task: 1A22200C01 A2WC4 STREAM FLOW DATA SUMMARY	Scope of Work:	Revision No: 02
Performing Org: 86270 200A LIQ EFFL FAC REG COMP	IMPLEMENT FACILITY CERTIFICATION PLAN	Date: 12/02/93
E V Method: 2 PERCENT COMPLETE METHOD		Cin Num: SU94REP3
Parent WBS:		CAP STATUS: R
Approved By: ----- WILLIAMS, JD	3-4967	Date: / /

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Milestones: Narrative
1A2220009 R 09/30/94 COMPLETE IMPLEMENTATION OF FACILITY CERTIFICATION PLAN

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Cost Elements:

Fiscal Year: 1994		Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Total
	Staff	1.5	1.0	1.0	1.0	1.0	1.0	1.0	3.0	3.0	3.0	3.0	3.0	1.9
01 EXEMPT	Hrs	234	133	129	172	143	149	146	552	414	483	423	525	3503
	\$	9.5	5.4	5.1	6.9	5.7	5.9	5.8	22.0	16.5	19.2	16.9	20.9	139.8
2M TRAINING-OFF	\$	0.0	0.0	1.0	0.0	0.0	0.0	1.0	0.0	1.0	0.0	0.0	0.0	3.0
TRAVEL & LIV	\$	0.0	0.0	2.0	0.0	0.0	0.0	2.0	0.0	2.0	0.0	0.0	0.0	6.0
7C ORG OVERHEAD		1.9	1.1	1.0	1.4	1.1	1.2	1.2	4.4	3.3	3.9	3.4	4.2	28.0
Total BCWS	Staff	1.5	1.0	1.0	1.0	1.0	1.0	1.0	3.0	3.0	3.0	3.0	3.0	1.9
	Hrs	234	133	129	172	143	149	146	552	414	483	423	525	3503
	\$	11.4	6.5	9.2	8.2	6.8	7.1	10.0	26.4	22.8	23.1	20.2	25.1	176.8

Total BCWP: -----

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Task: 1A22200C02 A2W43 DESIGN/CONSTRUCTION REVIEW	Scope of Work:	Revision No: 02
Performing Org: 86230 200A PROCESS ENGINEERING	INSTRUMENTATION/MCS INTERFACE & LOGIC; BAT	Date: 12/02/93
E V Method: 4 LEVEL OF EFFORT METHOD	IMPLEMENTATION STATUS; SYSTEM ENGINEERIN COORD	Cin Num: SU94REP3
Parent WBS:		CAP STATUS: R
Approved By: ----- FLYCKT, DL	2-3142	Date: / /

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Cost Elements:

Fiscal Year: 1994		Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Total
	Staff	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6
00 NON-EXEMPT	Hrs	94	80	77	103	86	89	88	110	83	97	85	105	1097
	\$	1.5	1.3	1.2	1.6	1.4	1.4	1.4	1.7	1.3	1.5	1.3	1.7	17.4
	Staff	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7
01 EXEMPT	Hrs	109	93	90	120	100	104	102	129	97	113	99	123	1279
	\$	4.4	3.8	3.6	4.8	4.0	4.1	4.1	5.1	3.9	4.5	3.9	4.9	51.1
2L TRAINING-ONS	\$	0.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.0	10.0
7C ORG OVERHEAD		1.2	1.0	1.0	1.3	1.1	1.1	1.1	1.4	1.0	1.2	1.1	1.3	13.7

Total BCWS	Staff	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3
	Hrs	203	173	167	223	186	193	190	239	180	210	184	228
	\$	7.1	7.1	6.8	8.7	7.4	7.7	7.5	9.3	7.2	8.2	7.3	7.9

Total BCWP:

Task:	1A2220C03 A2W44 PREVENTIVE MAINT PROCEDURES	Scope of Work:	Revision No: 02
Performing Org:	86260 200A LIQ EFFL FAC MAINTENANCE	PREPARE PREVENTATIVE MAINTENANCE PROCEDURES	Date: 12/02/93
E V Method:	2 PERCENT COMPLETE METHOD		Cin Num: SU94REP3
Parent WBS:			CAP STATUS: R
Approved By:	----- SULLIVAN, NJ	3-5643	Date: / /

Milestones:

Narrative

LEP-94-023 K 03/31/94 SUBMIT DRAFT PREVENTATIVE MAINTENANCE PROCEDURES TO RL

1A2220010 R 07/15/94 COMPLETE PREPARATION OF PREVENTATIVE MAINTENANCE PROCEDURES

Cost Elements:

Fiscal Year: 1994		Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Total
01 EXEMPT	Staff	0.2	0.0	0.2	0.0	0.2	0.0	0.5	0.5	0.5	0.5	0.0	0.0	0.2
	Hrs	31	0	26	0	29	0	73	92	69	81	0	0	401
	\$	1.3	0.0	1.0	0.0	1.2	0.0	2.9	3.7	2.8	3.2	0.0	0.0	16.0
21 PO CONTRACTS	\$	0.0	0.0	0.0	0.0	0.0	30.0	0.0	0.0	16.9	0.0	0.0	0.0	46.9
4C MPR	\$	0.0	0.0	0.0	0.0	0.0	2.5	0.0	0.0	1.5	0.0	0.0	0.0	4.0
7C ORG OVERHEAD		0.3	0.0	0.2	0.0	0.2	0.0	0.6	0.7	0.6	0.6	0.0	0.0	3.2
Total BCWS	Staff	0.2	0.0	0.2	0.0	0.2	0.0	0.5	0.5	0.5	0.5	0.0	0.0	0.2
	Hrs	31	0	26	0	29	0	73	92	69	81	0	0	401
	\$	1.5	0.0	1.2	0.0	1.4	32.5	3.5	4.4	21.7	3.9	0.0	0.0	70.1

Total BCWP:

Total Wp		Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Total
00 NON-EXEMPT	Staff	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6
	Hrs	94	80	77	103	86	89	88	110	83	97	85	105	1097
	\$	1.5	1.3	1.2	1.6	1.4	1.4	1.4	1.7	1.3	1.5	1.3	1.7	17.4
01 EXEMPT	Staff	2.4	1.7	1.9	1.7	1.9	1.7	2.2	4.2	4.2	4.2	3.7	3.7	2.8
	Hrs	374	226	245	292	272	253	321	773	580	677	522	648	5183
	\$	15.1	9.1	9.8	11.6	10.8	10.1	12.8	30.8	23.1	27.0	20.8	25.8	206.9
2L TRAINING-ONS	\$	0.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.0	10.0
2M TRAINING-OFF	\$	0.0	0.0	1.0	0.0	0.0	0.0	1.0	0.0	1.0	0.0	0.0	0.0	3.0
2T TRAVEL & LIV	\$	0.0	0.0	2.0	0.0	0.0	0.0	2.0	0.0	2.0	0.0	0.0	0.0	6.0
21 PO CONTRACTS	\$	0.0	0.0	0.0	0.0	0.0	30.0	0.0	0.0	16.9	0.0	0.0	0.0	46.9

4C MPR	\$	0.0	0.0	0.0	0.0	0.0	2.5	0.0	0.0	1.5	0.0	0.0	0.0	4.0
7C ORG OVERHEAD		3.3	2.1	2.2	2.7	2.4	2.3	2.8	6.5	4.9	5.7	4.4	5.5	44.9
Total BCWS	Staff	3.0	2.3	2.5	2.3	2.5	2.3	2.8	4.8	4.8	4.8	4.3	4.3	3.4
	Hrs	468	306	322	395	358	342	409	883	663	774	607	753	6280
	\$	20.0	13.5	17.2	16.9	15.6	47.3	21.0	40.0	51.7	35.2	27.6	33.0	339.0

WORK PACKAGE: 1A22200D 200 AREA TEDF SUPPORT
Resp Org: 86200 200 A LIQUID EFFLUENT FAC

Scope of Work:
SUPPORT THE 200 AREA TEF ACTIVITIES

Revision No: 02
Date: 12/02/93

CAP STATUS: R

Task: 1A22200D01 A2W45 200 AREA TDF SUPPORT W049
Performing Org: 86200 200 A LIQUID EFFLUENT FAC
E V Method: 4 LEVEL OF EFFORT METHOD

Scope of Work:
SUPPORT 200 AREA TEDE

Revision No: 02
Date: 12/02/93
Cin Num: SU94REP3
CAP STATUS: R

Parent WBS:

Approved By: ----- WEAVER, WF

2-0968 Date: / /

Cost Elements:

Fiscal Year: 1994		Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Total
21 PO CONTRACTS	\$	0.0	0.0	0.0	0.0	0.0	0.0	65.0	65.0	65.0	68.0	70.0	70.0	403.0
7C ORG OVERHEAD		0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Total BCWS	Staff	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	Hrs	0	0	0	0	0	0	0	0	0	0	0	0	0
	\$	0.0	0.0	0.0	0.0	0.0	0.0	65.0	65.0	65.0	68.0	70.0	70.0	403.0

Total BCWP:

Total Wp		Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Total
21 PO CONTRACTS	\$	0.0	0.0	0.0	0.0	0.0	0.0	65.0	65.0	65.0	68.0	70.0	70.0	403.0
7C ORG OVERHEAD		0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Total BCWS	Staff	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	Hrs	0	0	0	0	0	0	0	0	0	0	0	0	0
	\$	0.0	0.0	0.0	0.0	0.0	0.0	65.0	65.0	65.0	68.0	70.0	70.0	403.0

Total CAP		Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Total
00 NON-EXEMPT	Staff	0.7	1.7	1.2	0.7	1.2	1.7	0.7	0.7	0.7	0.7	0.6	1.6	1.0
	Hrs	110	226	155	120	172	253	103	128	97	113	85	280	1842
	\$	1.7	4.0	2.6	1.9	2.9	4.4	1.6	2.0	1.5	1.8	1.3	4.9	30.5
01 EXEMPT	Staff	3.9	5.2	3.4	5.2	7.4	7.2	6.2	8.2	8.2	7.9	6.2	8.0	6.4
	Hrs	608	692	439	894	1059	1073	905	1509	1132	1273	875	1401	11860
	\$	23.9	26.1	17.0	34.9	40.2	40.7	35.5	59.4	44.5	50.1	34.6	53.8	460.7

[illegible]

2L TRAINING-ONS	\$	0.0	1.0	1.5	1.0	1.5	1.0	1.0	1.0	1.5	1.0	1.0	0.0	11.5
2M TRAINING-OFF	\$	0.0	1.5	1.0	0.0	0.0	0.0	2.5	0.0	1.0	0.0	0.0	0.0	6.0
2T TRAVEL & LIV	\$	0.0	0.5	2.0	0.5	0.0	0.0	2.5	0.0	2.0	0.5	0.0	0.0	8.0
21 PO CONTRACTS	\$	0.0	0.0	3.9	10.0	10.0	30.0	65.0	65.0	81.9	68.0	70.0	70.0	473.8
3D PNL	\$	0.0	45.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	45.0
4C MPR	\$	0.8	0.8	0.4	0.9	0.9	2.5	0.0	0.0	1.5	0.0	0.0	0.0	7.8
41 TRNG-SAFE&EN	\$	0.0	0.0	0.0	0.3	0.0	0.0	0.0	0.0	0.0	0.2	0.0	0.0	0.5
6M IRM MAINT SE	\$	0.0	0.2	0.0	0.0	0.2	0.0	0.0	0.0	0.0	0.1	0.0	0.0	0.5
6P INFO SERVICE	\$	0.0	0.0	2.0	0.0	1.0	0.0	1.0	0.0	1.0	0.0	1.0	0.0	6.0
7C ORG OVERHEAD		5.8	8.2	4.6	8.1	10.7	11.4	8.1	13.1	9.8	11.1	7.5	14.1	112.6
Total BCWS Staff		4.6	6.9	4.6	5.9	8.6	8.9	6.9	8.9	8.9	8.6	6.8	9.6	7.4
Hrs		718	918	594	1014	1231	1326	1008	1637	1229	1386	960	1681	13702
\$		37.3	92.3	35.0	57.6	67.5	90.0	117.1	140.5	144.8	132.7	115.4	142.8	1172.9
Total GA/CSP		9.5	15.9	8.9	14.7	17.2	22.9	29.9	35.8	36.9	33.8	29.4	36.4	291.5
Total with GA/CSP		46.8	108.2	43.9	72.3	84.7	112.9	147.0	176.3	181.7	166.5	144.8	179.2	1464.4

Approval Signatures:

Function Mgr:

/ /

Cap Status

Budgets:

/ /

PBR/SCH:

/ /

R

C.A. Mgr:

/ /

Activity Mgr:

/ /

CA/WBS: 1A2230 200 AREA BAT/AKART W291 Funding Source: 1994 EXPENSE Cap Rev: 02 Cin: SU94REP3 Start Completion
CA Manager: WEAVER, BF CAP Orig Date : 11/12/93 Budget (K\$): 204.0 Date Date
Resp Org: 86200 200 A LIQUID EFFLUENT FAC Budget Analyst: G2 - ALLENDER, CM Phone: 2-2603 10/01/93 09/30/94
GL Index: RBY B & R Number: EW3130020 B & R Title: RICHLAND SOLID/LIQUID WASTE CAP STATUS: R

WORK PACKAGE: 1A22300B W291 PERMIT APP/SUPRT DOC DEV Scope of Work: Revision No: 02
Resp Org: 88300 AIR & WATER PERMITS W291 PERMIT APPLICATION/SUPPORTING DOCUMENT Date: 12/02/93
DEVELOPMENT
CAP STATUS: R

Task: 1A22300B01 A2H32 W291 PERMIT APP/SUPRT DOC DEV Scope of Work: Revision No: 02
Performing Org: 88300 AIR & WATER PERMITS DEVELOPMENT OF PERMIT APPLICATIONS AND SUPPORTING Date: 12/02/93
E V Method: 2 PERCENT COMPLETE METHOD DOCUMENTS Cin Num: SU94REP3
Parent WBS: CAP STATUS: R
Approved By: ----- OLDHAM, RW 6-1044 Date: / /

Cost Elements:

Fiscal Year: 1994		Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Total
00 NON-EXEMPT	Staff	0.1	0.1	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	Hrs	16	13	13	0	0	0	0	0	0	0	0	0	42
	\$	0.2	0.2	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.6
01 EXEMPT	Staff	1.0	1.0	1.0	0.5	0.5	0.5	0.5	0.2	0.2	0.1	0.0	0.0	0.5
	Hrs	156	133	129	86	72	75	73	37	28	16	0	0	805
	\$	5.6	4.8	4.6	3.1	2.6	2.7	2.6	1.3	1.0	0.6	0.0	0.0	28.9
7C ORG OVERHEAD		1.9	1.6	1.5	1.0	0.8	0.9	0.8	0.4	0.3	0.2	0.0	0.0	9.4
Total BCWS	Staff	1.1	1.1	1.1	0.5	0.5	0.5	0.5	0.2	0.2	0.1	0.0	0.0	0.5
	Hrs	172	146	142	86	72	75	73	37	28	16	0	0	847
	\$	7.8	6.6	6.3	4.0	3.4	3.5	3.4	1.7	1.3	0.8	0.0	0.0	38.9

Total BCWP: -----

Total Wp		Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Total
00 NON-EXEMPT	Staff	0.1	0.1	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	Hrs	16	13	13	0	0	0	0	0	0	0	0	0	42
	\$	0.2	0.2	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.6
01 EXEMPT	Staff	1.0	1.0	1.0	0.5	0.5	0.5	0.5	0.2	0.2	0.1	0.0	0.0	0.5
	Hrs	156	133	129	86	72	75	73	37	28	16	0	0	805
	\$	5.6	4.8	4.6	3.1	2.6	2.7	2.6	1.3	1.0	0.6	0.0	0.0	28.9
7C ORG OVERHEAD		1.9	1.6	1.5	1.0	0.8	0.9	0.8	0.4	0.3	0.2	0.0	0.0	9.4
Total BCWS	Staff	1.1	1.1	1.1	0.5	0.5	0.5	0.5	0.2	0.2	0.1	0.0	0.0	0.5
	Hrs	172	146	142	86	72	75	73	37	28	16	0	0	847
	\$	7.8	6.6	6.3	4.0	3.4	3.5	3.4	1.7	1.3	0.8	0.0	0.0	38.9

WORK PACKAGE: 1A22300C W291 REGULATORY COMPLIANCE
Resp Org: 86270 200A LIQ EFFL FAC REG COMP

Scope of Work:
W291 REGULATORY COMPLIANCE

Revision No: 02
Date: 12/02/93

CAP STATUS: R

Task: 1A22300C01 A2H4A W291 DESIGN ACTIVITIES
Performing Org: 86270 200A LIQ EFFL FAC REG COMP
E V Method: 4 LEVEL OF EFFORT METHOD
Parent WBS:
Approved By: ----- WILLIAMS, JD

Scope of Work:
PROJECT COORDINATION

Revision No: 02
Date: 12/02/93
Cin Num: SU94REP3
CAP STATUS: R

3-4967 Date: / /

Cost Elements:

Fiscal Year: 1994		Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Total
01 EXEMPT	Staff	0.2	0.2	0.2	0.2	0.2	0.2	0.1	0.0	0.0	0.0	0.0	0.0	0.1
	Hrs	31	27	26	34	29	30	15	0	0	0	0	0	192
	\$	1.3	1.1	1.0	1.4	1.2	1.2	0.6	0.0	0.0	0.0	0.0	0.0	7.7
7C ORG OVERHEAD		0.3	0.2	0.2	0.3	0.2	0.2	0.1	0.0	0.0	0.0	0.0	0.0	1.5
Total BCWS	Staff	0.2	0.2	0.2	0.2	0.2	0.2	0.1	0.0	0.0	0.0	0.0	0.0	0.1
	Hrs	31	27	26	34	29	30	15	0	0	0	0	0	192
	\$	1.5	1.3	1.2	1.6	1.4	1.4	0.7	0.0	0.0	0.0	0.0	0.0	9.2

Total BCWP: -----

Task: 1A22300C02 A2H4B W291 CONSTRUCTION ACTIVITIES
Performing Org: 86270 200A LIQ EFFL FAC REG COMP
E V Method: 4 LEVEL OF EFFORT METHOD
Parent WBS:
Approved By: ----- WILLIAMS, JD

Scope of Work:
PROJECT COORDINATION

Revision No: 02
Date: 12/02/93
Cin Num: SU94REP3
CAP STATUS: R

3-4967 Date: / /

Cost Elements:

Fiscal Year: 1994		Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Total
01 EXEMPT	Staff	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
	Hrs	31	27	26	34	29	30	29	37	28	32	28	35	366
	\$	1.3	1.1	1.0	1.4	1.2	1.2	1.2	1.5	1.1	1.3	1.1	1.4	14.6
2M TRAINING-OFF		\$	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.5	0.0	1.5	3.0
2T TRAVEL & LIV		\$	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.0	0.0	2.0	4.0
7C ORG OVERHEAD		0.3	0.2	0.2	0.3	0.2	0.2	0.2	0.3	0.2	0.3	0.2	0.3	2.9
Total BCWS	Staff	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
	Hrs	31	27	26	34	29	30	29	37	28	32	28	35	366
	\$	1.5	1.3	1.2	1.6	1.4	1.4	1.4	1.8	1.3	5.0	1.3	5.2	24.5

Total BCWP: -----

Task: 1A22300C03 A2H4C W291 SUPPORT ACTIVITIES
Performing Org: 86270 200A LIQ EFFL FAC REG COMP
E V Method: 4 LEVEL OF EFFORT METHOD

Scope of Work:
PROJECT SUPPORT

Revision No: 02
Date: 12/02/93
Cin Num: SU94REP3
CAP STATUS: R

Parent WBS:

Approved By: ----- WILLIAMS, JD

3-4967 Date: / /

Cost Elements:

Fiscal Year: 1994	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Total
21 PO CONTRACTS \$	0.0	0.0	0.0	0.0	0.0	0.0	21.6	21.6	21.6	21.6	21.6	21.6	129.6
7C ORG OVERHEAD	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Total BCWS Staff	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Hrs	0	0	0	0	0	0	0	0	0	0	0	0	0
\$	0.0	0.0	0.0	0.0	0.0	0.0	21.6	21.6	21.6	21.6	21.6	21.6	129.6

Total BCWP:

Total Wp	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Total
01 EXEMPT Staff	0.4	0.4	0.4	0.4	0.4	0.4	0.3	0.2	0.2	0.2	0.2	0.2	0.3
Hrs	62	54	52	68	58	60	44	37	28	32	28	35	558
\$	2.5	2.2	2.1	2.7	2.3	2.4	1.8	1.5	1.1	1.3	1.1	1.4	22.3
2M TRAINING-OFF \$	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.5	0.0	1.5	3.0
2T TRAVEL & LIV \$	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.0	0.0	2.0	4.0
21 PO CONTRACTS \$	0.0	0.0	0.0	0.0	0.0	0.0	21.6	21.6	21.6	21.6	21.6	21.6	129.6
7C ORG OVERHEAD	0.5	0.4	0.4	0.5	0.5	0.5	0.4	0.3	0.2	0.3	0.2	0.3	4.5
Total BCWS Staff	0.4	0.4	0.4	0.4	0.4	0.4	0.3	0.2	0.2	0.2	0.2	0.2	0.3
Hrs	62	54	52	68	58	60	44	37	28	32	28	35	558
\$	3.0	2.6	2.5	3.3	2.8	2.9	23.7	23.4	22.9	26.6	22.9	26.8	163.4

Total CAP	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Total
00 NON-EXEMPT Staff	0.1	0.1	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Hrs	16	13	13	0	0	0	0	0	0	0	0	0	42
\$	0.2	0.2	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.6
01 EXEMPT Staff	1.4	1.4	1.4	0.9	0.9	0.9	0.8	0.4	0.4	0.3	0.2	0.2	0.8
Hrs	218	187	181	154	130	135	117	74	56	48	28	35	1363
\$	8.2	7.0	6.7	5.8	4.9	5.1	4.4	2.8	2.1	1.8	1.1	1.4	51.2
2M TRAINING-OFF \$	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.5	0.0	1.5	3.0
T TRAVEL & LIV \$	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.0	0.0	2.0	4.0
21 PO CONTRACTS \$	0.0	0.0	0.0	0.0	0.0	0.0	21.6	21.6	21.6	21.6	21.6	21.6	129.6
7C ORG OVERHEAD	2.4	2.0	1.9	1.5	1.3	1.3	1.2	0.7	0.5	0.4	0.2	0.3	13.9

Total BCWS	Staff	1.5	1.5	1.5	0.9	0.9	0.9	0.8	0.4	0.4	0.3	0.2	0.2	0.8
	Hrs	234	200	194	154	130	135	117	74	56	48	28	35	1405
	\$	10.8	9.2	8.8	7.3	6.2	6.4	27.1	25.1	24.3	27.4	22.9	26.8	202.3

Total GA/CSP	2.7	2.4	2.2	1.9	1.6	1.6	6.9	6.4	6.2	7.0	5.8	6.8	51.6
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Total with GA/CSP	13.5	11.6	11.1	9.2	7.7	8.0	34.1	31.5	30.4	34.4	28.8	33.6	253.9
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Approval Signatures:

Function Mgr: / /

Cap Status

Budgets:

/ /

PBR/SCH:

/ /

R

C.A. Mgr:

/ /

Activity Mgr:

/ /

CA/WBS: 1A2310 300 AREA TEDF OPERATIONS Funding Source: 1994 EXPENSE Cap Rev: 04 Cin: SU94REP3 Start Completion
CA Manager: EACKER, JA CAP Orig Date : 11/12/93 Budget (K\$): 5933.0 Date Date
Resp Org: 86700 300A LIQUID EFFLUENT FACILITY Budget Analyst: G2 - ALLENDER, CM Phone: 2-2603 10/01/93 09/30/94
GL Index: RBY B & R Number: EW3130020 B & R Title: RICHLAND SOLID/LIQUID WASTE CAP STATUS: R

WORK PACKAGE: 1A23100A L-045H TEDF OPERATIONS Scope of Work: Revision No: 02
Resp Org: 86730 300A LIQ EFFLUENT PROCESS ENG PREPARE FOR OPERATION OF L-045 Date: 12/02/93

CAP STATUS: R

Task: 1A23100A01 A1G5A SUPPORT PERMIT/DESIGN CONSTR Scope of Work: Revision No: 02
Performing Org: 86730 300A LIQ EFFLUENT PROCESS ENG SUPPORT PERMITTING, DESIGN AND CONSTRUCTION (SAFETY & OVERSIGHT) Date: 12/02/93
E V Method: 4 LEVEL OF EFFORT METHOD Cin Num: SU94REP3
Parent WBS: CAP STATUS: R
Approved By: ----- EACKER, JA 6-9988 Date: / /

Cost Elements:

Fiscal Year: 1994	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Total
Staff	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5
01 EXEMPT Hrs	78	67	65	86	72	75	73	92	69	81	71	88	917
\$	3.2	2.7	2.6	3.4	2.9	3.0	2.9	3.7	2.8	3.2	2.8	3.5	36.6
10 MATL & EQUIP \$	0.0	0.0	210.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	210.0
7C MPR \$	0.0	0.0	23.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	23.4
7C ORG OVERHEAD	0.6	0.5	0.5	0.7	0.6	0.6	0.6	0.7	0.6	0.6	0.6	0.7	7.3
Total BCWS Staff	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5
Hrs	78	67	65	86	72	75	73	92	69	81	71	88	917
\$	3.8	3.3	236.5	4.1	3.4	3.6	3.5	4.4	3.3	3.9	3.4	4.2	277.4

Total BCWP: -----

Task: 1A23100A02 A1G5B COMPUTER PROGRAM DEVELOPMENT Scope of Work: Revision No: 02
Performing Org: 22910 PROCESS SYSTEMS DEVELOPMENT COMPUTER PROGRAM DEVELOPMENT Date: 12/02/93
E V Method: 4 LEVEL OF EFFORT METHOD Cin Num: SU94REP3
Parent WBS: CAP STATUS: R
Approved By: ----- FREDERICKSON, JR 6-0691 Date: / /

Cost Elements:

Fiscal Year: 1994	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Total
Staff	2.0	2.0	3.0	3.0	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5
01 EXEMPT Hrs	312	266	387	516	358	373	365	460	345	403	353	438	4576
\$	14.3	12.2	17.5	23.4	16.2	16.9	16.5	20.8	15.6	18.2	16.0	19.8	207.5
14 OFFICE SUPPL \$	2.0	0.0	0.0	2.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	4.0
2T TRAVEL & LIV \$	0.0	0.0	0.0	2.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.0
7C ORG OVERHEAD	6.9	5.9	8.4	11.2	7.8	8.1	7.9	10.0	7.5	8.8	7.7	9.5	99.6
Total BCWS Staff	2.0	2.0	3.0	3.0	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5
Hrs	312	266	387	516	358	373	365	460	345	403	353	438	4576

\$	23.2	18.1	25.9	38.6	24.0	25.0	24.5	30.8	23.1	27.0	23.6	29.3	313.1
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Total BCWP:

Task: 1A23100A03 A2L99 L-045 TEDF PROGRAM MGMT.

Performing Org: 86730 300A LIQ EFFLUENT PROCESS ENG

E V Method: 4 LEVEL OF EFFORT METHOD

Parent WBS:

Approved By: ----- EACKER, JA

Scope of Work:

L-045H PROGRAM ADMINISTRATION, INCLUDES TRAILER

SET UP/HOOK UP, CH2M HILL OPS PROCEDURES: \$95K SHO

RT, INCL CSP. REQ TO MEET BASELINE, C/O SHORT 43K.

6-9988 Date: / /

Revision No: 02

Date: 12/02/93

Cin Num: SU94REP3

CAP STATUS: R

Cost Elements:

Fiscal Year: 1994

Fiscal Year: 1994		Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Total
01 EXEMPT	Staff	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0
	Hrs	312	266	258	344	286	298	292	368	276	322	282	350	3654
	\$	12.6	10.8	10.3	13.7	11.4	11.9	11.6	14.7	11.0	12.8	11.2	13.9	146.0
19 COMPUTER-HAR	\$	18.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	18.4
21 PO CONTRACTS	\$	0.0	0.0	0.0	0.0	0.0	0.0	0.0	36.0	42.0	14.0	14.0	14.0	120.0
3C EMO	\$	20.0	20.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	40.0
3R KAISER	\$	0.0	0.0	0.0	0.0	0.0	0.0	0.0	50.0	50.0	0.0	0.0	0.0	100.0
39 DOE	\$	0.0	0.0	147.0	60.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	207.0
4C MPR	\$	0.0	0.0	0.0	0.0	0.0	0.0	0.0	3.0	4.0	2.0	1.0	1.0	11.0
4F OCCUPANCY	\$	0.0	0.0	0.0	0.0	0.0	0.0	0.0	13.0	13.0	13.0	13.0	13.0	65.0
6M IRM MAINT SE	\$	0.0	0.0	50.0	50.0	0.0	0.0	0.0	55.0	55.0	0.0	0.0	0.0	210.0
7C ORG OVERHEAD		2.5	2.2	2.1	2.7	2.3	2.4	2.3	2.9	2.2	2.6	2.2	2.8	29.2
Total BCWS	Staff	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0
	Hrs	312	266	258	344	286	298	292	368	276	322	282	350	3654
	\$	53.6	32.9	209.3	126.5	13.7	14.3	14.0	174.6	177.2	44.4	41.5	44.7	946.6

Total BCWP:

[illegible]

21 PO CONTRACTS	\$	0.0	0.0	0.0	0.0	0.0	0.0	0.0	36.0	42.0	14.0	14.0	14.0	120.0
3C EMO	\$	20.0	20.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	40.0
3R KAISER	\$	0.0	0.0	0.0	0.0	0.0	0.0	0.0	50.0	50.0	0.0	0.0	0.0	100.0
39 DOE	\$	0.0	0.0	147.0	60.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	207.0
4C MPR	\$	0.0	0.0	23.4	0.0	0.0	0.0	0.0	3.0	4.0	2.0	1.0	1.0	34.4
4F OCCUPANCY	\$	0.0	0.0	0.0	0.0	0.0	0.0	0.0	13.0	13.0	13.0	13.0	13.0	65.0
6M IRM MAINT SE	\$	0.0	0.0	50.0	50.0	0.0	0.0	0.0	55.0	55.0	0.0	0.0	0.0	210.0
7C ORG OVERHEAD		10.0	8.6	11.0	14.6	10.6	11.1	10.8	13.7	10.2	12.0	10.5	13.0	136.1
Total BCWS	Staff	4.5	4.5	5.5	5.5	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0
	Hrs	702	599	710	946	716	746	730	920	690	806	706	876	9147
	\$	80.6	54.3	471.8	169.1	41.1	42.8	41.9	209.8	203.6	75.3	68.5	78.3	1537.0

WORK PACKAGE: 1A23100B L-045H TEDF READINESS REVIEW
Resp Org: 86730 300A LIQ EFFLUENT PROCESS ENG

Scope of Work:
READINESS REVIEW ACTIVITIES FOR L-045

Revision No: 02
Date: 12/02/93

CAP STATUS: R

Task: 1A23100B01 A2G5A L-045H, TEDF READINESS REVIEW
Performing Org: 86710 340 FACILITY OPERATIONS
E V Method: 4 LEVEL OF EFFORT METHOD
Parent WBS:
Approved By: ----- ROBERTS, LW

Scope of Work:
PERFORM READINESS PLAN ACTIVITIES
6-5657 Date: / /

Revision No: 02
Date: 12/02/93
Cin Num: SU94REP3
CAP STATUS: R

Cost Elements:

Fiscal Year: 1994		Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Total
01 EXEMPT	Staff	0.0	0.0	2.5	1.9	2.2	2.2	2.2	1.7	2.3	2.0	2.3	1.8	1.8
	Hrs	0	0	321	321	321	321	321	321	321	321	321	321	3210
	\$	0.0	0.0	12.8	12.8	12.8	12.8	12.8	12.8	12.8	12.8	12.8	12.8	127.9
7C ORG OVERHEAD		0.0	0.0	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	25.6
Total BCWS	Staff	0.0	0.0	2.5	1.9	2.2	2.2	2.2	1.7	2.3	2.0	2.3	1.8	1.8
	Hrs	0	0	321	321	321	321	321	321	321	321	321	321	3210
	\$	0.0	0.0	15.4	15.4	15.4	15.4	15.4	15.4	15.4	15.4	15.4	15.4	153.5

Total BCWP: -----

Task: 1A23100B02 A2G5B MGT OPS SAFETY/PROCESS CENTER
Performing Org: 86710 340 FACILITY OPERATIONS
E V Method: 2 PERCENT COMPLETE METHOD
Parent WBS:
Approved By: ----- ROBERTS, LW

Scope of Work:
IMPLEMENT AND MANAGE OPERATIONS SAFETY AND PROCESS CONTROLS

Revision No: 02
Date: 12/02/93
Cin Num: SU94REP3
CAP STATUS: R

Milestones: Narrative
1A2310001 O 11/30/93 ALARA PLAN COMPLETE

1A2310002 O 12/02/93 WASTE HANDLING PLAN COMPLETE

1A2310003 O 02/28/94 SAP COMPLETE

1A2310004 O 03/31/94 SARP COMPLETE

1A2310005 O 04/29/94 CONFIGURATION CONTROL PLAN COMPLETE

Cost Elements:

Fiscal Year: 1994	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Total
Staff	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.0	0.0	0.0	0.0	0.0	0.6
01 EXEMPT Hrs	156	133	129	172	143	149	146	0	0	0	0	0	1028
\$	6.3	5.4	5.1	6.9	5.7	5.9	5.8	0.0	0.0	0.0	0.0	0.0	41.1
7C ORG OVERHEAD	1.3	1.1	1.0	1.4	1.1	1.2	1.2	0.0	0.0	0.0	0.0	0.0	8.2
Total BCWS Staff	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.0	0.0	0.0	0.0	0.0	0.6
Hrs	156	133	129	172	143	149	146	0	0	0	0	0	1028
\$	7.6	6.5	6.2	8.2	6.8	7.1	7.0	0.0	0.0	0.0	0.0	0.0	49.4

Total BCWP:

Total Wp	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Total
Staff	1.0	1.0	3.5	2.9	3.2	3.2	3.2	1.7	2.3	2.0	2.3	1.8	2.3
01 EXEMPT Hrs	156	133	450	493	464	470	467	321	321	321	321	321	4238
\$	6.3	5.4	17.9	19.6	18.5	18.7	18.6	12.8	12.8	12.8	12.8	12.8	169.1
7C ORG OVERHEAD	1.3	1.1	3.6	3.9	3.7	3.7	3.7	2.6	2.6	2.6	2.6	2.6	33.8
Total BCWS Staff	1.0	1.0	3.5	2.9	3.2	3.2	3.2	1.7	2.3	2.0	2.3	1.8	2.3
Hrs	156	133	450	493	464	470	467	321	321	321	321	321	4238
\$	7.6	6.5	21.5	23.6	22.2	22.5	22.3	15.4	15.4	15.4	15.4	15.4	202.9

WORK PACKAGE: 1A23100C L-045H TEDF PROCEDURE DEVELOPM Scope of Work: Revision No: 02
Resp Org: 52630 PROCEDURE DEVELOPMENT/CONTROL DEVELOP MAINTENANCE PROCEDURES FOR L-045 Date: 12/02/93

CAP STATUS: R

Task: 1A23100C01 A3G5B MAINTENANCE PROCEDURES Scope of Work: Revision No: 02
Performing Org: 52630 PROCEDURE DEVELOPMENT/CONTROL L-045 PROCEDURE DEVELOPMENT: MAINTENANCE, CALIBRAT Date: 12/02/93
E V Method: 2 PERCENT COMPLETE METHOD ION AND PREVENTIVE MAINTENANCE Cin Num: SU94REP3
Parent WBS: CAP STATUS: R
Approved By: ----- SCHILDKNECHT, WJ 3-3902 Date: / /

Milestones:

Narrative

1A2310006 O 02/25/94 MAINTENANCE PROCEDURES COMPLETE

1A2310007 O 02/25/94 CALIBRATION PROCEDURES COMPLETE

1A2310008 O 12/01/93 PREVENTIVE MAINTENANCE PROCEDURES COMPLETE

Cost Elements:

Fiscal Year: 1994		Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Total
01 EXEMPT	Staff	0.0	0.0	7.8	5.9	7.1	6.8	6.9	5.5	7.3	6.3	7.2	5.8	5.6
	Hrs	0	0	1009	1009	1009	1009	1009	1009	1009	1009	1009	1009	10090
	\$	0.0	0.0	35.4	35.4	35.4	35.4	35.4	35.4	35.4	35.4	35.4	35.4	354.4
7C ORG OVERHEAD		0.0	0.0	14.9	14.9	14.9	14.9	14.9	14.9	14.9	14.9	14.9	14.9	148.9
Total BCWS	Staff	0.0	0.0	7.8	5.9	7.1	6.8	6.9	5.5	7.3	6.3	7.2	5.8	5.6
	Hrs	0	0	1009	1009	1009	1009	1009	1009	1009	1009	1009	1009	10090
	\$	0.0	0.0	50.3	50.3	50.3	50.3	50.3	50.3	50.3	50.3	50.3	50.3	503.3

Total BCWP: -----

Task: 1A23100C04 A3G5E MODIFICATIONS TO PLANS

Performing Org: 86710 340 FACILITY OPERATIONS

E V Method: 1 MILESTONE METHOD

Parent WBS:

Approved By: ----- ROBERTS, LW

Scope of Work:

MODIFICATIONS TO PLANS, PROVIDE OVERVIEW OF GENERA
TOR COMPLIANCE; PERFORM 24 SURVEILLANCES.

6-5657 Date: / /

Revision No: 02

Date: 12/02/93

Cin Num: SU94REP3

CAP STATUS: R

Milestones:

Narrative

1A2310009 O 12/31/93 COMPLETE 6 SURVEILLANCES FYTD

1A2310010 O 03/31/94 COMPLETE 12 SURVEILLANCES FYTD

1A2310011 O 06/30/94 COMPLETE 18 SURVEILLANCES FYTD

1A2310012 O 09/30/94 COMPLETE 24 SURVEILLANCES FYTD

1A2310013 O 06/30/94 REVIEW AND REVISE WHC CERTIFICATION PLANS

Cost Elements:

Fiscal Year: 1994		Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Total
01 EXEMPT	Staff	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3
	Hrs	47	40	39	52	43	45	44	55	41	48	42	53	549
	\$	1.9	1.6	1.6	2.1	1.7	1.8	1.8	2.2	1.6	1.9	1.7	2.1	21.9
7C ORG OVERHEAD		0.4	0.3	0.3	0.4	0.3	0.4	0.4	0.4	0.3	0.4	0.3	0.4	4.4
Total BCWS	Staff	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3
	Hrs	47	40	39	52	43	45	44	55	41	48	42	53	549
	\$	2.3	1.9	1.9	2.5	2.1	2.2	2.1	2.6	2.0	2.3	2.0	2.5	26.3

Total BCWP: -----

Task: 1A23100C05 A3G5F MISC PROCEDURES-OPS

Performing Org: 86710 340 FACILITY OPERATIONS

E V Method: 2 PERCENT COMPLETE METHOD

Parent WBS:

Approved By: ----- ROBERTS, LW

Scope of Work:

RIDS,USQ, EMPL CONCERNS,JCS,EMER PROC,ID PURCH ESS
EN MATL,BUILD EMER PLAN,FIRE PLAN,TRANS REQ.

6-5657 Date: / /

Revision No: 02

Date: 12/02/93

Cin Num: SU94REP3

CAP STATUS: R

Cost Elements:

Fiscal Year: 1994		Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Total
01 EXEMPT	Staff	0.7	0.7	0.6	0.3	0.3	0.0	0.0	1.5	1.8	1.7	1.9	1.8	0.9
	Hrs	109	93	77	52	43	0	0	276	248	274	268	315	1755
	\$	4.4	3.8	3.1	2.1	1.7	0.0	0.0	11.0	9.9	10.9	10.7	12.6	70.1
7C ORG OVERHEAD		0.9	0.8	0.6	0.4	0.3	0.0	0.0	2.2	2.0	2.2	2.1	2.5	14.0
Total BCWS	Staff	0.7	0.7	0.6	0.3	0.3	0.0	0.0	1.5	1.8	1.7	1.9	1.8	0.9
	Hrs	109	93	77	52	43	0	0	276	248	274	268	315	1755
	\$	5.3	4.5	3.7	2.5	2.1	0.0	0.0	13.2	11.9	13.1	12.8	15.1	84.1

Total BCWP: -----

Task: 1A23100C06 A3G5H MISC PROCEDURES-ENG
 Performing Org: 86730 300A LIQ EFFLUENT PROCESS ENG
 E V Method: 2 PERCENT COMPLETE METHOD
 Parent WBS:
 Approved By: ----- EACKER, JA

Scope of Work:
 ESSENTIAL DRAWINGS, START UP PLAN, SAFETY EQUIP, ID S
 PARE PARTS, WST MINIMIZATION PROG.

Revision No: 02
 Date: 12/02/93
 Cin Num: SU94REP3
 CAP STATUS: R

Cost Elements:

Fiscal Year: 1994		Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Total
01 EXEMPT	Staff	0.5	0.0	0.0	0.0	0.7	1.0	0.7	1.2	1.0	0.8	0.8	1.3	0.7
	Hrs	78	0	0	0	100	149	102	221	138	129	113	228	1258
	\$	3.2	0.0	0.0	0.0	4.0	5.9	4.1	8.8	5.5	5.1	4.5	9.1	50.2
7C ORG OVERHEAD		0.6	0.0	0.0	0.0	0.8	1.2	0.8	1.8	1.1	1.0	0.9	1.8	10.0
Total BCWS	Staff	0.5	0.0	0.0	0.0	0.7	1.0	0.7	1.2	1.0	0.8	0.8	1.3	0.7
	Hrs	78	0	0	0	100	149	102	221	138	129	113	228	1258
	\$	3.8	0.0	0.0	0.0	4.8	7.1	4.9	10.6	6.6	6.2	5.4	10.9	60.2

Total BCWP: -----

Total Wp		Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Total
01 EXEMPT	Staff	1.5	1.0	8.7	6.5	8.4	8.1	7.9	8.5	10.4	9.1	10.2	9.2	7.5
	Hrs	234	133	1125	1113	1195	1203	1155	1561	1436	1460	1432	1605	13652
	\$	9.5	5.4	40.1	39.6	42.9	43.2	41.3	57.4	52.5	53.4	52.3	59.2	496.6
7C ORG OVERHEAD		1.9	1.1	15.8	15.7	16.4	16.4	16.0	19.3	18.3	18.5	18.3	19.6	177.3
Total BCWS	Staff	1.5	1.0	8.7	6.5	8.4	8.1	7.9	8.5	10.4	9.1	10.2	9.2	7.5
	Hrs	234	133	1125	1113	1195	1203	1155	1561	1436	1460	1432	1605	13652
	\$	11.4	6.5	55.9	55.3	59.2	59.6	57.3	76.7	70.7	71.9	70.6	78.8	673.9

WORK PACKAGE: 1A23100D L-045H OPS TRNG & ATP/OTP SUPP
 Resp Org: 86710 340 FACILITY OPERATIONS

Scope of Work:
 RAMPUP AND TRAINING FOR L-045; SUPPORT TO ATP/OTP
 ACTIVITIES.

Revision No: 02
 Date: 12/02/93
 CAP STATUS: R

Task: 1A23100D01 A4G5A OPS FOR TRAINING, ATO & OTP

Performing Org: 86710 340 FACILITY OPERATIONS

E V Method: 4 LEVEL OF EFFORT METHOD

Parent WBS:

Approved By: ----- ROBERTS, LW

Scope of Work:

OPERATIONS HIRING/TRAINING, ACCEPTANCE TEST PROCEDURES, AND OPERATIONS TEST PROCEDURES

Revision No: 02

Date: 12/02/93

Cin Num: SU94REP3

CAP STATUS: R

6-5657 Date: / /

Cost Elements:

Fiscal Year: 1994		Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Total
01 EXEMPT	Staff	3.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	3.9
	Hrs	468	532	516	688	572	596	584	736	552	644	564	700	7152
	\$	18.9	21.5	20.6	27.4	22.8	23.8	23.3	29.3	22.0	25.7	22.5	27.9	285.6
06 BARGAINING U	Staff	0.0	0.0	5.0	5.0	5.0	5.0	15.0	15.0	15.0	15.0	15.0	15.0	9.2
	Hrs	0	0	645	860	715	745	2190	2760	2070	2415	2115	2625	17140
	\$	0.0	0.0	19.0	25.4	21.1	22.0	66.5	83.9	62.9	73.4	64.3	79.8	518.1
7C ORG OVERHEAD		3.8	4.3	7.9	10.6	8.8	9.1	18.0	22.6	17.0	19.8	17.3	21.5	160.7
Total BCWS	Staff	3.0	4.0	9.0	9.0	9.0	9.0	19.0	19.0	19.0	19.0	19.0	19.0	13.1
	Hrs	468	532	1161	1548	1287	1341	2774	3496	2622	3059	2679	3325	24292
	\$	22.7	25.8	47.5	63.3	52.7	54.9	107.8	135.8	101.9	118.8	104.1	129.2	964.5

Total BCWP: -----

Task: 1A23100D02 A4G5B DEVELOP OTP PLAN

Performing Org: 86730 300A LIQ EFFLUENT PROCESS ENG

E V Method: 2 PERCENT COMPLETE METHOD

Parent WBS:

Approved By: ----- EACKER, JA

Scope of Work:

DEVELOP OTP PLAN, REVIEW AND APPROVE.

Revision No: 02

Date: 12/02/93

Cin Num: SU94REP3

CAP STATUS: R

6-9988 Date: / /

Cost Elements:

Fiscal Year: 1994		Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Total
01 EXEMPT	Staff	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.0	2.0	2.0	2.0	0.7
	Hrs	0	0	0	0	0	0	0	0	276	322	282	350	1230
	\$	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	11.0	12.8	11.2	13.9	49.0
7C ORG OVERHEAD		0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.2	2.6	2.2	2.8	9.8
Total BCWS	Staff	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.0	2.0	2.0	2.0	0.7
	Hrs	0	0	0	0	0	0	0	0	276	322	282	350	1230
	\$	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	13.2	15.4	13.5	16.7	58.8

Total BCWP: -----

Total Wp		Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Total
01 EXEMPT	Staff	3.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	6.0	6.0	6.0	6.0	4.6
	Hrs	468	532	516	688	572	596	584	736	828	966	846	1050	8382
	\$	18.9	21.5	20.6	27.4	22.8	23.8	23.3	29.3	33.0	38.5	33.7	41.8	334.6
06 BARGAINING U	Staff	0.0	0.0	5.0	5.0	5.0	5.0	15.0	15.0	15.0	15.0	15.0	15.0	9.2
	Hrs	0	0	645	860	715	745	2190	2760	2070	2415	2115	2625	17140
	\$	0.0	0.0	19.0	25.4	21.1	22.0	66.5	83.9	62.9	73.4	64.3	79.8	518.1

7C ORG OVERHEAD		3.8	4.3	7.9	10.6	8.8	9.1	18.0	22.6	19.2	22.4	19.6	24.3	170.5
Total BCWS	Staff	3.0	4.0	9.0	9.0	9.0	9.0	19.0	19.0	21.0	21.0	21.0	21.0	13.8
	Hrs	468	532	1161	1548	1287	1341	2774	3496	2898	3381	2961	3675	25522
	\$	22.7	25.8	47.5	63.3	52.7	54.9	107.8	135.8	115.1	134.2	117.6	145.9	1023.3

WORK PACKAGE: 1A23100E L-045H FSAR
Resp Org: 29510 LIQUID WASTE DISP SFTY SUPPORT

Scope of Work:
SUPPORT TO L-045 FSAR.

Revision No: 02
Date: 12/02/93

CAP STATUS: R

Task: 1A23100E01 A2GFR L-045H FSAR
Performing Org: 29510 LIQUID WASTE DISP SFTY SUPPORT
E V Method: 5 MODIFIED MILESTONE METHOD
Parent WBS:
Approved By: ----- JOHNSON, LE

Scope of Work:
PREPARE L-045H FSAR

Revision No: 02
Date: 12/02/93
Cin Num: SU94REP3
CAP STATUS: R

6-8807 Date: / /

Milestones: Narrative
1A2310014 0 03/04/94 ISSUE L-045H FSAR

Cost Elements:

Fiscal Year: 1994		Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Total
01 EXEMPT	Staff	1.0	1.0	1.0	1.0	1.0	1.0	0.0	0.0	0.0	0.0	0.0	0.0	0.5
	Hrs	156	133	129	172	143	149	0	0	0	0	0	0	882
	\$	6.4	5.5	5.2	7.0	5.8	6.0	0.0	0.0	0.0	0.0	0.0	0.0	35.9
7C ORG OVERHEAD		3.4	2.8	2.6	3.5	2.9	3.1	0.0	0.0	0.0	0.0	0.0	0.0	18.3
Total BCWS	Staff	1.0	1.0	1.0	1.0	1.0	1.0	0.0	0.0	0.0	0.0	0.0	0.0	0.5
	Hrs	156	133	129	172	143	149	0	0	0	0	0	0	882
	\$	9.8	8.2	7.9	10.5	8.7	9.1	0.0	0.0	0.0	0.0	0.0	0.0	54.2

Total BCWP: -----

Total Wp		Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Total
01 EXEMPT	Staff	1.0	1.0	1.0	1.0	1.0	1.0	0.0	0.0	0.0	0.0	0.0	0.0	0.5
	Hrs	156	133	129	172	143	149	0	0	0	0	0	0	882
	\$	6.4	5.5	5.2	7.0	5.8	6.0	0.0	0.0	0.0	0.0	0.0	0.0	35.9
7C ORG OVERHEAD		3.4	2.8	2.6	3.5	2.9	3.1	0.0	0.0	0.0	0.0	0.0	0.0	18.3
Total BCWS	Staff	1.0	1.0	1.0	1.0	1.0	1.0	0.0	0.0	0.0	0.0	0.0	0.0	0.5
	Hrs	156	133	129	172	143	149	0	0	0	0	0	0	882
	\$	9.8	8.2	7.9	10.5	8.7	9.1	0.0	0.0	0.0	0.0	0.0	0.0	54.2

WORK PACKAGE: 1A23100F L-045H TRAINING
Resp Org: 065A0 LIQUID WASTE TRAINING

Scope of Work:
DEVELOP AND IMPLEMENT TRAINING FOR L-045.

Revision No: 04
Date: 12/02/93

CAP STATUS: R

Task: 1A23100F01 A2GCO TRAINING OF STAFF
Performing Org: 065A0 LIQUID WASTE TRAINING
E V Method: 2 PERCENT COMPLETE METHOD
Parent WBS:

Scope of Work:
TRAINING OF STAFF, PREPARE QUAL CARDS, STUDY GUIDE
, LESSON PLANS.

Revision No: 04
Date: 12/02/93
Cin Num: SU94REP3
CAP STATUS: R

Approved By: ----- MORTON, T

2-1198 Date: / /

Milestones: Narrative

1A2310015 O 02/16/94 QUALIFICATION CARD DRAFT

1A2310016 O 02/16/94 STUDY GUIDE DRAFT

1A2310017 O 08/03/94 FINAL ON-THE-JOB LESSON PLANS

Cost Elements:

Fiscal Year: 1994		Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Total
01 EXEMPT	Staff	2.0	2.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	2.8
	Hrs	312	266	387	516	429	447	438	552	414	483	423	525	5192
	\$	10.7	9.1	13.0	17.4	14.5	15.1	14.8	18.6	14.0	16.3	14.3	17.7	175.4
7C ORG OVERHEAD		4.3	3.7	6.4	8.6	7.1	7.4	7.3	9.2	6.9	8.0	7.0	8.7	84.9
Total BCWS	Staff	2.0	2.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	2.8
	Hrs	312	266	387	516	429	447	438	552	414	483	423	525	5192
	\$	15.0	12.8	19.5	26.0	21.6	22.5	22.1	27.8	20.9	24.3	21.3	26.4	260.3

Total BCWP: -----

Total Wp		Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Total
01 EXEMPT	Staff	2.0	2.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	2.8
	Hrs	312	266	387	516	429	447	438	552	414	483	423	525	5192
	\$	10.7	9.1	13.0	17.4	14.5	15.1	14.8	18.6	14.0	16.3	14.3	17.7	175.4
7C ORG OVERHEAD		4.3	3.7	6.4	8.6	7.1	7.4	7.3	9.2	6.9	8.0	7.0	8.7	84.9
Total BCWS	Staff	2.0	2.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	2.8
	Hrs	312	266	387	516	429	447	438	552	414	483	423	525	5192
	\$	15.0	12.8	19.5	26.0	21.6	22.5	22.1	27.8	20.9	24.3	21.3	26.4	260.3

WORK PACKAGE: 1A23100H L-045H 300 AREA PERMITS
Resp Org: 88300 AIR & WATER PERMITS

Scope of Work:
PERMITTING SUPPORT FOR L-045H.

Revision No: 02
Date: 12/02/93

CAP STATUS: R

Task: 1A23100H01 A2LWA L-045H/NPDES DISCHARGE PERMIT
Performing Org: 88300 AIR & WATER PERMITS
E V Method: 5 MODIFIED MILESTONE METHOD
Parent WBS:

Scope of Work:
PERMITTING SUPPORT TO NPDES PERMIT APPLICATION, AP
PROVAL/IMPLEMENTATION.

Revision No: 02
Date: 12/02/93
Cin Num: SU94REP3
CAP STATUS: R

Approved By: ----- OLDHAM, RW

6-1044 Date: / /

Milestones: Narrative

1A2310018 0 09/30/94 IMPLEMENT DISCHARGE PERMIT

Cost Elements:

Fiscal Year: 1994		Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Total
00 NON-EXEMPT	Staff	0.1	0.0	0.1	0.0	0.1	0.0	0.1	0.0	0.1	0.0	0.1	0.0	0.1
	Hrs	16	0	13	0	14	0	15	0	14	0	14	0	86
	\$	0.2	0.0	0.2	0.0	0.2	0.0	0.2	0.0	0.2	0.0	0.2	0.0	1.3
01 EXEMPT	Staff	0.5	0.4	0.3	0.6	0.6	0.2	0.0	0.0	0.1	0.1	0.0	0.0	0.2
	Hrs	78	53	39	103	86	30	0	0	14	16	0	0	419
	\$	2.8	1.9	1.4	3.7	3.1	1.1	0.0	0.0	0.5	0.6	0.0	0.0	15.0
14 OFFICE SUPPL	\$	0.0	0.2	0.0	0.1	0.0	0.2	0.0	0.2	0.0	0.2	0.0	0.1	1.0
2M TRAINING-OFF	\$	0.0	0.0	0.0	0.0	0.0	0.0	1.2	0.0	0.0	0.0	0.0	0.0	1.2
2T TRAVEL & LIV	\$	1.5	0.0	1.5	0.0	0.0	0.0	1.5	0.0	0.0	0.0	0.0	0.0	4.5
3C EMO	\$	0.0	0.0	0.0	20.0	0.0	0.0	10.0	0.0	0.0	0.0	0.0	0.0	30.0
3D PNL	\$	0.0	0.0	0.0	9.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	9.5
4C MPR	\$	0.0	0.0	0.0	0.0	0.1	0.0	0.1	0.0	0.0	0.0	0.1	0.0	0.3
4V FLEET	\$	0.0	0.0	0.0	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1
4I TRNG-SAFE&EN	\$	0.0	0.1	0.0	0.0	0.2	0.0	0.0	0.0	0.0	0.0	0.2	0.0	0.5
6M IRM MAINT SE	\$	0.0	0.0	0.0	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1
6P INFO SERVICE	\$	0.1	0.0	0.1	0.0	0.1	0.0	0.1	0.0	0.1	0.0	0.1	0.1	0.7
7C ORG OVERHEAD		1.0	0.6	0.5	1.2	1.0	0.3	0.1	0.0	0.2	0.2	0.1	0.0	5.2
Total BCWS	Staff	0.6	0.4	0.4	0.6	0.7	0.2	0.1	0.0	0.2	0.1	0.1	0.0	0.3
	Hrs	94	53	52	103	100	30	15	0	28	16	14	0	505
	\$	5.6	2.8	3.7	34.6	4.7	1.6	13.2	0.2	1.0	1.0	0.7	0.2	69.4

Total BCWP:

Task:	1A23100H02 A2LWB L-045H/IMPLEMENT CONSTR PERMIT	Scope of Work:	Revision No: 02
Performing Org:	88300 AIR & WATER PERMITS	IMPLEMENTATION OF L-045H CONSTRUCTION PERMITS FOR	Date: 12/02/93
E V Method:	5 MODIFIED MILESTONE METHOD	COE, HPA, WQM, SDP, DNR & STORMWATER.	Cin Num: SU94REP3
Parent WBS:			CAP STATUS: R
Approved By:	----- OLDHAM, RW	6-1044 Date: / /	

Milestones:

Narrative

1A2310019 O 11/30/93 COMPLETE STORMWATER NOI

Cost Elements:

[illegible]

00 NON-EXEMPT	Hrs	16	0	13	0	14	0	15	0	14	0	14	0	86
	\$	0.2	0.0	0.2	0.0	0.2	0.0	0.2	0.0	0.2	0.0	0.2	0.0	1.3
	Staff	0.4	0.4	0.3	0.3	0.2	0.2	0.2	0.2	0.0	0.1	0.0	0.1	0.2
01 EXEMPT	Hrs	62	53	39	52	29	30	29	37	0	16	0	18	365
	\$	2.2	1.9	1.4	1.9	1.0	1.1	1.0	1.3	0.0	0.6	0.0	0.6	13.1
2M TRAINING-OFF	\$	0.0	0.0	0.0	0.0	0.0	0.0	1.0	0.0	0.0	0.0	0.0	0.0	1.0
2T TRAVEL & LIV	\$	0.0	0.0	0.0	0.0	0.0	0.0	1.5	0.0	0.0	0.0	0.0	0.0	1.5
6P INFO SERVICE	\$	0.1	0.0	0.1	0.0	0.1	0.2	0.2	0.0	0.1	0.1	0.1	0.0	1.0
7C ORG OVERHEAD		0.8	0.6	0.5	0.6	0.4	0.3	0.4	0.4	0.1	0.2	0.1	0.2	4.6
Total BCWS	Staff	0.5	0.4	0.4	0.3	0.3	0.2	0.3	0.2	0.1	0.1	0.1	0.1	0.3
	Hrs	78	53	52	52	43	30	44	37	14	16	14	18	451
	\$	3.4	2.5	2.2	2.4	1.7	1.6	4.4	1.7	0.4	0.9	0.4	0.8	22.4

Total BCWP:

Total Wp		Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Total
	Staff	0.2	0.0	0.2	0.0	0.2	0.0	0.2	0.0	0.2	0.0	0.2	0.0	0.1
NON-EXEMPT	Hrs	32	0	26	0	28	0	30	0	28	0	28	0	172
	\$	0.5	0.0	0.4	0.0	0.4	0.0	0.4	0.0	0.4	0.0	0.4	0.0	2.5
	Staff	0.9	0.8	0.6	0.9	0.8	0.4	0.2	0.2	0.1	0.2	0.0	0.1	0.4
01 EXEMPT	Hrs	140	106	78	155	115	60	29	37	14	32	0	18	784
	\$	5.1	3.8	2.8	5.5	4.1	2.1	1.0	1.3	0.5	1.1	0.0	0.6	28.1
14 OFFICE SUPPL	\$	0.0	0.2	0.0	0.1	0.0	0.2	0.0	0.2	0.0	0.2	0.0	0.1	1.0
2M TRAINING-OFF	\$	0.0	0.0	0.0	0.0	0.0	0.0	2.2	0.0	0.0	0.0	0.0	0.0	2.2
2T TRAVEL & LIV	\$	1.5	0.0	1.5	0.0	0.0	0.0	3.0	0.0	0.0	0.0	0.0	0.0	6.0
3C EMO	\$	0.0	0.0	0.0	20.0	0.0	0.0	10.0	0.0	0.0	0.0	0.0	0.0	30.0
3D PNL	\$	0.0	0.0	0.0	9.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	9.5
4C MPR	\$	0.0	0.0	0.0	0.0	0.1	0.0	0.1	0.0	0.0	0.0	0.1	0.0	0.3
4V FLEET	\$	0.0	0.0	0.0	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1
41 TRNG-SAFE&EN	\$	0.0	0.1	0.0	0.0	0.2	0.0	0.0	0.0	0.0	0.0	0.2	0.0	0.5
6M IRM MAINT SE	\$	0.0	0.0	0.0	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1
6P INFO SERVICE	\$	0.2	0.0	0.2	0.0	0.2	0.2	0.3	0.0	0.2	0.1	0.2	0.1	1.7
7C ORG OVERHEAD		1.8	1.2	1.0	1.8	1.4	0.7	0.5	0.4	0.3	0.4	0.1	0.2	9.8
Total BCWS	Staff	1.1	0.8	0.8	0.9	1.0	0.4	0.4	0.2	0.3	0.2	0.2	0.1	0.5
	Hrs	172	106	104	155	143	60	59	37	42	32	28	18	956

\$ 9.0 5.4 5.9 37.1 6.5 3.2 17.5 1.9 1.4 1.8 1.0 1.0 91.8

WORK PACKAGE: 1A23100J L-045H ENGINEERING SUPPORT
Resp Org: 86730 300A LIQ EFFLUENT PROCESS ENG

Scope of Work:
PROCESS ENGINEERING SUPPORT FOR L-045.

Revision No: 02
Date: 12/02/93

CAP STATUS: R

Task: 1A23100J01 A2LC4 L-045H PREPARE TECHN MANUAL
Performing Org: 86730 300A LIQ EFFLUENT PROCESS ENG
E V Method: 2 PERCENT COMPLETE METHOD
Parent WBS:

Scope of Work:
PREPARATION OF TECHNICAL MANUAL

Revision No: 02
Date: 12/02/93
Cin Num: SU94REP3
CAP STATUS: R

Approved By: ----- EACKER, JA

6-9988 Date: / /

Milestones: Narrative
1A2310019 0 04/29/94 COMPLETE TECHNICAL MANUAL

Cost Elements:

Fiscal Year: 1994		Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Total
01 EXEMPT	Staff	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.0	0.0	0.0	0.0	0.0	0.6
	Hrs	156	133	129	172	143	149	146	0	0	0	0	0	1028
	\$	6.3	5.4	5.1	6.9	5.7	5.9	5.8	0.0	0.0	0.0	0.0	0.0	41.1
2T TRAVEL & LIV	\$	0.0	2.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.0
7C ORG OVERHEAD		1.3	1.1	1.0	1.4	1.1	1.2	1.2	0.0	0.0	0.0	0.0	0.0	8.2
Total BCWS	Staff	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.0	0.0	0.0	0.0	0.0	0.6
	Hrs	156	133	129	172	143	149	146	0	0	0	0	0	1028
	\$	7.6	8.5	6.2	8.2	6.8	7.1	7.0	0.0	0.0	0.0	0.0	0.0	51.4

Total BCWP: -----

Task: 1A23100J02 A2LC2 L-045H PROCESS SAMPLE SCHEDULE
Performing Org: 86730 300A LIQ EFFLUENT PROCESS ENG
E V Method: 2 PERCENT COMPLETE METHOD
Parent WBS:

Scope of Work:
PREPARE PROCESS SAMPLE SCHEDULE

Revision No: 02
Date: 12/02/93
Cin Num: SU94REP3
CAP STATUS: R

Approved By: ----- EACKER, JA

6-9988 Date: / /

Milestones: Narrative
1A2310020 0 06/30/94 COMPLETE PROCESS SAMPLE SCHEDULE

Cost Elements:

Fiscal Year: 1994		Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Total
01 EXEMPT	Staff	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.0	0.0	0.0	0.4
	Hrs	78	67	65	86	72	75	73	92	69	0	0	0	677
	\$	3.2	2.7	2.6	3.4	2.9	3.0	2.9	3.7	2.8	0.0	0.0	0.0	27.1
2T TRAVEL & LIV	\$	2.0	0.0	2.0	0.0	2.0	0.0	2.0	0.0	2.0	0.0	0.0	0.0	10.0
7C ORG OVERHEAD		0.6	0.5	0.5	0.7	0.6	0.6	0.6	0.7	0.6	0.0	0.0	0.0	5.4
Total BCWS	Staff	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.0	0.0	0.0	0.4

Hrs	78	67	65	86	72	75	73	92	69	0	0	0	677
\$	5.8	3.3	5.1	4.1	5.4	3.6	5.5	4.4	5.3	0.0	0.0	0.0	42.5

Total BCWP: -----

Task: 1A23100J03 A2L43 L-045H PROCESS CONTROL PLAN
 Performing Org: 86710 340 FACILITY OPERATIONS
 E V Method: 2 PERCENT COMPLETE METHOD
 Parent WBS:

Scope of Work:
 PREPARE PROCESS CONTROL PLAN

Revision No: 02
 Date: 12/02/93
 Cin Num: SU94REP3
 CAP STATUS: R

Approved By: ----- ROBERTS, LW 6-5657 Date: / /

Milestones: Narrative
 1A2310021 O 09/30/94 COMPLETE DRAFT PROCESS CONTROL PLAN

Cost Elements:

Fiscal Year: 1994		Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Total
01 EXEMPT	Staff	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.0	1.0	1.0	1.0	0.3
	Hrs	0	0	0	0	0	0	0	0	138	161	141	175	615
	\$	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	5.5	6.4	5.6	7.0	24.5
2T TRAVEL & LIV	\$	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.4	0.0	2.0	0.0	2.0	5.4
21 PO CONTRACTS	\$	0.0	0.0	0.0	0.0	0.0	0.0	0.0	129.0	0.0	0.0	0.0	0.0	120.0
4C MPR	\$	0.0	0.0	0.0	0.0	0.0	0.0	0.0	10.0	0.0	0.0	0.0	0.0	10.0
7C ORG OVERHEAD		0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.1	1.3	1.1	1.4	4.9
Total BCWS	Staff	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.0	1.0	1.0	1.0	0.3
	Hrs	0	0	0	0	0	0	0	0	138	161	141	175	615
	\$	0.0	0.0	0.0	0.0	0.0	0.0	0.0	131.4	6.6	9.7	6.7	10.4	164.8

Total BCWP: -----

Task: 1A23100J04 A2L44 L-045H SYSTEM ENG SUPPORT
 Performing Org: 86730 300A LIQ EFFLUENT PROCESS ENG
 E V Method: 4 LEVEL OF EFFORT METHOD
 Parent WBS:
 Approved By: ----- EACKER, JA

Scope of Work:
 OVERSEE DESIGN, CONSTRUCTION, DOCUMENTATION EFFORT
 FROM AN ENGINEERING PERSPECTIVE, INCL BOA WKSOCPE
 Revision No: 02
 Date: 12/02/93
 Cin Num: SU94REP3
 CAP STATUS: R

Cost Elements:

Fiscal Year: 1994		Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Total
01 EXEMPT	Staff	1.5	1.5	1.5	1.5	1.5	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.2
	Hrs	234	200	194	258	215	149	146	184	138	161	141	175	2195
	\$	9.5	8.1	7.7	10.3	8.6	5.9	5.8	7.3	5.5	6.4	5.6	7.0	87.7
2T TRAVEL & LIV	\$	0.0	0.0	2.0	0.0	0.0	2.0	0.0	0.0	2.0	0.0	0.0	2.0	8.0
PO CONTRACTS	\$	0.0	0.0	0.0	0.0	0.0	0.0	0.0	110.0	0.0	0.0	0.0	0.0	110.0
4C MPR	\$	0.0	0.0	0.0	0.0	0.0	0.0	0.0	9.0	0.0	0.0	0.0	0.0	9.0
7C ORG OVERHEAD		1.9	1.6	1.5	2.1	1.7	1.2	1.2	1.5	1.1	1.3	1.1	1.4	17.6

Total BCWS	Staff	1.5	1.5	1.5	1.5	1.5	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.2
	Hrs	234	200	194	258	215	149	146	184	138	161	141	175	2195
	\$	11.4	9.7	11.3	12.3	10.3	9.1	7.0	127.8	8.6	7.7	6.7	10.4	232.3

Total BCWP:

Total Wp		Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Total
01 EXEMPT	Staff	3.0	3.0	3.0	3.0	3.0	2.5	2.5	1.5	2.5	2.0	2.0	2.0	2.5
	Hrs	468	400	388	516	430	373	365	276	345	322	282	350	4515
	\$	18.9	16.2	15.5	20.6	17.1	14.9	14.5	11.0	13.7	12.8	11.2	13.9	180.5
2T TRAVEL & LIV	\$	2.0	2.0	4.0	0.0	2.0	2.0	2.0	1.4	4.0	2.0	0.0	4.0	25.4
21 PO CONTRACTS	\$	0.0	0.0	0.0	0.0	0.0	0.0	0.0	230.0	0.0	0.0	0.0	0.0	230.0
4C MPR	\$	0.0	0.0	0.0	0.0	0.0	0.0	0.0	19.0	0.0	0.0	0.0	0.0	19.0
7C ORG OVERHEAD		3.8	3.2	3.1	4.1	3.4	3.0	2.9	2.2	2.8	2.6	2.2	2.8	36.1
Total BCWS	Staff	3.0	3.0	3.0	3.0	3.0	2.5	2.5	1.5	2.5	2.0	2.0	2.0	2.5
	Hrs	468	400	388	516	430	373	365	276	345	322	282	350	4515
	\$	24.7	21.4	22.6	24.7	22.6	19.8	19.5	263.6	20.5	17.4	13.5	20.7	491.0

WORK PACKAGE: 1A23100K L-045H OPERATING PROCEDURES
Resp Org: 86710 340 FACILITY OPERATIONS

Scope of Work:
DEVELOP OPERATING PROCEDURES FOR L-045.

Revision No: 02
Date: 12/02/93

CAP STATUS: R

Task: 1A23100K01 A2L42 L-045H OPERATING PROCEDURES
Performing Org: 86730 300A LIQ EFFLUENT PROCESS ENG
E V Method: 2 PERCENT COMPLETE METHOD
Parent WBS:
Approved By: ----- EACKER, JA

Scope of Work:
PREPARATION OF OPERATING PROCEDURES

Revision No: 02
Date: 12/02/93
Cin Num: SU94REP3
CAP STATUS: R

6-9988 Date: / /

Milestones:	Narrative
LEP-94-011 O 03/11/94 ISSUE FINAL DRAFT OPERATING PROCEDURES	

Cost Elements:

[illegible]

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4 of 4

WORK PACKAGE: 1A23100L 340 TRAINING UPGRADES
Resp Org: 86710 340 FACILITY OPERATIONS

Scope of Work:
TRAINING CATCHUP FOR 340 PERSONNEL PER RL.

Revision No: 03
Date: 12/02/93

CAP STATUS: R

Task: 1A23100L01 A2340 340 TRAINING UPGRADES
Performing Org: 86710 340 FACILITY OPERATIONS
E V Method: 4 LEVEL OF EFFORT METHOD
Parent WBS:
Approved By: ----- ROBERTS, LW

Scope of Work:
TRAINING UPGRADES FOR 340 PERSONNEL PER RL.

6-5657 Date: / /

Revision No: 03
Date: 12/02/93
Cin Num: SU94REP3
CAP STATUS: R

Cost Elements:

[illegible]

Total BCWP:

[illegible][illegible]

14 OFFICE SUPPL	\$	2.0	0.2	0.0	2.1	0.0	0.2	0.0	0.2	0.0	0.2	0.0	0.1	5.0
19 COMPUTER-HAR	\$	18.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	18.4
2M TRAINING-OFF	\$	0.0	0.0	0.0	0.0	0.0	0.0	2.2	0.0	0.0	0.0	0.0	0.0	2.2
2T TRAVEL & LIV	\$	3.5	4.0	5.5	4.0	2.0	2.0	5.0	1.4	4.0	2.0	0.0	4.0	37.4
21 PO CONTRACTS	\$	0.0	0.0	150.0	0.0	0.0	0.0	0.0	266.0	42.0	14.0	14.0	14.0	500.0
3C EMO	\$	20.0	20.0	0.0	20.0	0.0	0.0	10.0	0.0	0.0	0.0	0.0	0.0	70.0
3D PNL	\$	0.0	0.0	0.0	9.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	9.5
3R KAISER	\$	0.0	0.0	0.0	0.0	0.0	0.0	0.0	50.0	50.0	0.0	0.0	0.0	100.0
39 DOE	\$	0.0	0.0	147.0	60.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	207.0
4C MPR	\$	0.0	0.0	36.6	0.0	0.1	0.0	0.1	22.0	4.0	2.0	1.1	1.0	66.9
4F OCCUPANCY	\$	0.0	0.0	0.0	0.0	0.0	0.0	0.0	13.0	13.0	13.0	13.0	13.0	65.0
4V FLEET	\$	0.0	0.0	0.0	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1
41 TRNG-SAFE&EN	\$	0.0	0.1	0.0	0.0	0.2	0.0	0.0	0.0	0.0	0.0	0.2	0.0	0.5
6M IRM MAINT SE	\$	0.0	0.0	50.0	50.1	0.0	0.0	0.0	55.0	55.0	0.0	0.0	0.0	210.1
6P INFO SERVICE	\$	0.2	0.0	0.2	0.0	0.2	0.2	0.3	0.0	0.2	0.1	0.2	0.1	1.7
7C ORG OVERHEAD		35.1	34.5	59.8	72.4	63.2	54.6	59.2	70.0	60.2	66.4	60.3	71.3	706.9
Total BCWS Staff		21.3	25.6	42.9	39.2	41.7	32.2	41.0	38.9	44.5	42.3	43.7	42.1	38.0
Hrs		1323	3405	5540	6725	5959	4789	5988	7163	6146	6805	6153	7370	69366
\$		211.3	195.3	866.6	470.8	288.5	234.4	288.4	731.0	447.5	340.3	307.8	366.6	4748.5
Total GA/CSP		50.5	46.4	196.1	104.9	73.6	59.8	71.8	178.0	105.7	86.8	78.5	93.5	1145.6
Total with GA/CSP		261.9	241.7	1062.7	575.7	362.0	294.2	360.2	909.0	553.2	427.1	386.3	460.1	5894.0

Approval Signatures:

Function Mgr:

/ /

Cap Status

Budgets:

/ /

PBR/SCH:

/ /

R

C.A. Mgr:

/ /

Activity Mgr:

/ /

CA/WBS:	1A2410 PHASE II STREAMS W-252	Funding Source:	1994 EXPENSE	Cap Rev:	01	Cin:	SU94REP3	Start	Completion
CA Manager:	LINDSEY, DW	CAP Orig Date :	11/12/93	Budget (K\$):	1105.0	Date		Date	
Resp Org:	86300 LIQUID EFFLUENT ENGINEERING	Budget Analyst:	G2 - ALLENDER, CM	Phone:	2-2603	10/01/93		09/30/94	
GL Index:	RBY B & R Number: EW3130020 B & R Title: RICHLAND SOLID/LIQUID WASTE							CAP STATUS: R	

WORK PACKAGE:	1A24100A W-252 PROJECT MGMT SUPPORT	Scope of Work:	Revision No: 01
Resp Org:	24380 EFFLUENT TREATMENT/LAB PROJECT	W-252 PROJECT MANAGEMENT SUPPORT	Date: 12/02/93

CAP STATUS: R

Task:	1A24100A01 A252A W-252 PROJECT MGMT SUPPORT	Scope of Work:	Revision No: 01
Performing Org:	24380 EFFLUENT TREATMENT/LAB PROJECT	W-252 PROJECT ENGINEER, LEVEL 4 MANAGER AND	Date: 12/02/93
E V Method:	4 LEVEL OF EFFORT METHOD	SECRETARY SUPPORT	Cin Num: SU94REP3
Parent WBS:			CAP STATUS: R
Approved By: -----	HUGHES, DP	2-2462 Date: / /	

Cost Elements:

Fiscal Year: 1994		Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Total
00 NON-EXEMPT	Staff	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
	Hrs	31	27	26	34	29	30	29	37	28	32	28	35	366
	\$	0.5	0.4	0.4	0.5	0.5	0.5	0.5	0.6	0.4	0.5	0.4	0.6	5.9
01 EXEMPT	Staff	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1
	Hrs	172	146	142	189	157	164	161	202	152	177	155	193	2010
	\$	6.9	5.8	5.6	7.4	6.2	6.4	6.3	7.9	6.0	7.0	6.1	7.6	79.2
19 COMPUTER-HAR	\$	0.0	0.0	0.0	0.0	5.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	5.0
2T TRAVEL & LIV	\$	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	5.0	0.0	0.0	0.0	5.0
4V FLEET	\$	0.0	0.0	0.0	1.0	0.0	1.0	0.0	0.0	0.0	0.0	0.0	0.0	2.0
6P INFO SERVICE	\$	0.0	0.0	0.0	5.0	0.0	5.0	0.0	0.0	0.0	0.0	5.0	0.0	15.0
7C ORG OVERHEAD		3.4	2.9	2.8	3.7	3.1	3.2	3.1	3.9	3.0	3.4	3.0	3.7	39.1
Total BCWS	Staff	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3
	Hrs	203	173	168	223	186	194	190	239	180	209	183	228	2376
	\$	10.8	9.1	8.8	17.6	14.7	16.1	9.9	12.5	14.4	10.9	14.5	11.9	151.2

Total BCWP:

[illegible]

2T TRAVEL & LIV	\$	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	5.0	0.0	0.0	0.0	5.0
4V FLEET	\$	0.0	0.0	0.0	1.0	0.0	1.0	0.0	0.0	0.0	0.0	0.0	0.0	2.0
6P INFO SERVICE	\$	0.0	0.0	0.0	5.0	0.0	5.0	0.0	0.0	0.0	0.0	5.0	0.0	15.0
7C ORG OVERHEAD		3.4	2.9	2.8	3.7	3.1	3.2	3.1	3.9	3.0	3.4	3.0	3.7	39.1
Total BCWS	Staff	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3
	Hrs	203	173	168	223	186	194	190	239	180	209	183	228	2376
	\$	10.8	9.1	8.8	17.6	14.7	16.1	9.9	12.5	14.4	10.9	14.5	11.9	151.2

WORK PACKAGE: 1A24100B W-252 PROJECT SUPPORT Scope of Work: Revision No: 01
 Resp Org: 24110 COST ESTIMATING & SCHEDULING W-252 PROVIDE ESTIMATING/SCHEDULING SUPPORT Date: 12/02/93

CAP STATUS: R

Task: 1A24100B01 A252B W-252 PROJECT SUPPORT Scope of Work: Revision No: 01
 Performing Org: 24110 COST ESTIMATING & SCHEDULING W-252 PROVIDE ESTIMATING/SCHEDULING SUPPORT Date: 12/02/93
 E V Method: 4 LEVEL OF EFFORT METHOD Cin Num: SU94REP3
 Parent WBS: CAP STATUS: R
 Approved By: ----- HARRINGTON, PM 6-6138 Date: / /

Cost Elements:

Fiscal Year: 1994		Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Total
01 EXEMPT	Staff	0.0	0.0	0.0	0.0	0.0	0.3	0.0	0.0	0.0	0.0	0.3	0.0	0.1
	Hrs	0	0	0	0	0	40	0	0	0	0	40	0	80
	\$	0.0	0.0	0.0	0.0	0.0	1.4	0.0	0.0	0.0	0.0	1.4	0.0	2.8
7C ORG OVERHEAD		0.0	0.0	0.0	0.0	0.0	0.6	0.0	0.0	0.0	0.0	0.6	0.0	1.3
Total BCWS	Staff	0.0	0.0	0.0	0.0	0.0	0.3	0.0	0.0	0.0	0.0	0.3	0.0	0.1
	Hrs	0	0	0	0	0	40	0	0	0	0	40	0	80
	\$	0.0	0.0	0.0	0.0	0.0	2.0	0.0	0.0	0.0	0.0	2.0	0.0	4.1

Total BCWP: -----

Total Wp		Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Total
01 EXEMPT	Staff	0.0	0.0	0.0	0.0	0.0	0.3	0.0	0.0	0.0	0.0	0.3	0.0	0.1
	Hrs	0	0	0	0	0	40	0	0	0	0	40	0	80
	\$	0.0	0.0	0.0	0.0	0.0	1.4	0.0	0.0	0.0	0.0	1.4	0.0	2.8
7C ORG OVERHEAD		0.0	0.0	0.0	0.0	0.0	0.6	0.0	0.0	0.0	0.0	0.6	0.0	1.3
Total BCWS	Staff	0.0	0.0	0.0	0.0	0.0	0.3	0.0	0.0	0.0	0.0	0.3	0.0	0.1
	Hrs	0	0	0	0	0	40	0	0	0	0	40	0	80
	\$	0.0	0.0	0.0	0.0	0.0	2.0	0.0	0.0	0.0	0.0	2.0	0.0	4.1

WORK PACKAGE: 1A24100C W-252 DESIGN REVIEW SUPPORT
Resp Org: 54000 UTILITIES

Scope of Work:
W-252 DESIGN REVIEW SUPPORT

Revision No: 01
Date: 12/02/93

CAP STATUS: R

Task: 1A24100C01 A252C W-252 DESIGN REVIEW SUPPORT
Performing Org: 54000 UTILITIES
E V Method: 4 LEVEL OF EFFORT METHOD
Parent WBS:

Scope of Work:
W-252 DESIGN REVIEW SUPPORT

Revision No: 01
Date: 12/02/93
Cin Num: SU94REP3
CAP STATUS: R

Approved By: ----- GREENBERG, A 3-2366 Date: / /

Cost Elements:

Fiscal Year: 1994	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Total
Staff	0.0	0.0	0.0	0.0	0.0	0.3	0.0	0.0	0.0	0.0	0.4	0.0	0.1
06 BARGAINING U Hrs	0	0	0	0	0	50	0	0	0	0	50	0	100
\$	0.0	0.0	0.0	0.0	0.0	1.2	0.0	0.0	0.0	0.0	1.2	0.0	2.4
7C ORG OVERHEAD	0.0	0.0	0.0	0.0	0.0	0.1	0.0	0.0	0.0	0.0	0.1	0.0	0.1
Total BCWS Staff	0.0	0.0	0.0	0.0	0.0	0.3	0.0	0.0	0.0	0.0	0.4	0.0	0.1
Hrs	0	0	0	0	0	50	0	0	0	0	50	0	100
\$	0.0	0.0	0.0	0.0	0.0	1.2	0.0	0.0	0.0	0.0	1.3	0.0	2.5

Total BCWP: -----

Total Wp	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Total
Staff	0.0	0.0	0.0	0.0	0.0	0.3	0.0	0.0	0.0	0.0	0.4	0.0	0.1
06 BARGAINING U Hrs	0	0	0	0	0	50	0	0	0	0	50	0	100
\$	0.0	0.0	0.0	0.0	0.0	1.2	0.0	0.0	0.0	0.0	1.2	0.0	2.4
7C ORG OVERHEAD	0.0	0.0	0.0	0.0	0.0	0.1	0.0	0.0	0.0	0.0	0.1	0.0	0.1
Total BCWS Staff	0.0	0.0	0.0	0.0	0.0	0.3	0.0	0.0	0.0	0.0	0.4	0.0	0.1
Hrs	0	0	0	0	0	50	0	0	0	0	50	0	100
\$	0.0	0.0	0.0	0.0	0.0	1.2	0.0	0.0	0.0	0.0	1.3	0.0	2.5

WORK PACKAGE: 1A24100D W-252 QUALITY ASSURANCE SUPT
Resp Org: 38950 QUALITY ENGNRNG CONSTRCTN PROJ

Scope of Work:
W-252 QUALITY ASSURANCE SUPPORT

Revision No: 01
Date: 12/02/93

CAP STATUS: R

Task: 1A24100D01 A252D 2-252 QUALITY ASSURANCE SUPT
Performing Org: 38950 QUALITY ENGNRNG CONSTRCTN PROJ
E V Method: 4 LEVEL OF EFFORT METHOD
Parent WBS:

Scope of Work:
W-252 QUALITY ASSURANCE SUPPORT

Revision No: 01
Date: 12/02/93
Cin Num: SU94REP3
CAP STATUS: R

Approved By: ----- MCGILLICUDDY, BH 3-1061 Date: / /

Cost Elements:

Fiscal Year: 1994	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Total
Staff	0.0	0.1	0.1	0.1	0.1	0.3	0.3	0.1	0.1	0.1	0.1	0.1	0.1
00 NON-EXEMPT Hrs	0	10	15	15	10	50	50	10	10	10	10	10	200
\$	0.0	0.2	0.3	0.3	0.2	1.1	1.1	0.2	0.2	0.2	0.2	0.2	4.5

7C ORG OVERHEAD		0.0	0.1	0.1	0.1	0.1	0.5	0.5	0.1	0.1	0.1	0.1	0.1	2.0
Total BCWS	Staff	0.0	0.1	0.1	0.1	0.1	0.3	0.3	0.1	0.1	0.1	0.1	0.1	0.1
	Hrs	0	10	15	15	10	50	50	10	10	10	10	10	200
	\$	0.0	0.3	0.5	0.5	0.3	1.6	1.6	0.3	0.3	0.3	0.3	0.3	6.4

Total BCWP: -----

Total Wp		Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Total
	Staff	0.0	0.1	0.1	0.1	0.1	0.3	0.3	0.1	0.1	0.1	0.1	0.1	0.1
00 NON-EXEMPT	Hrs	0	10	15	15	10	50	50	10	10	10	10	10	200
	\$	0.0	0.2	0.3	0.3	0.2	1.1	1.1	0.2	0.2	0.2	0.2	0.2	4.5
7C ORG OVERHEAD		0.0	0.1	0.1	0.1	0.1	0.5	0.5	0.1	0.1	0.1	0.1	0.1	2.0
Total BCWS	Staff	0.0	0.1	0.1	0.1	0.1	0.3	0.3	0.1	0.1	0.1	0.1	0.1	0.1
	Hrs	0	10	15	15	10	50	50	10	10	10	10	10	200
	\$	0.0	0.3	0.5	0.5	0.3	1.6	1.6	0.3	0.3	0.3	0.3	0.3	6.4

WORK PACKAGE: 1A24100E W-252 WASTE TANK SAFETY
Resp Org: 39500 WASTE TANK SAFETY ASSURANCE

Scope of Work:
W-252 WASTE TANK SAFETY ASSURANCE SUPPORT

Revision No: 01
Date: 12/02/93

CAP STATUS: R

Task: 1A24100E01 A252E W-252 WASTE TANK SAFETY
Performing Org: 39500 WASTE TANK SAFETY ASSURANCE
E V Method: 4 LEVEL OF EFFORT METHOD
Parent WBS:

Scope of Work:
W-252 WASTE TANK SAFETY ASSURANCE

Revision No: 01
Date: 12/02/93
Cin Num: SU94REP3
CAP STATUS: R

Approved By: ----- ISLAM, MN

2-3971 Date: / /

Cost Elements:

Fiscal Year: 1994		Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Total
	Staff	0.0	0.0	0.0	0.3	0.3	0.3	0.3	0.3	0.0	0.3	0.4	0.3	0.2
01 EXEMPT	Hrs	0	0	0	50	50	50	50	50	0	50	50	50	400
	\$	0.0	0.0	0.0	2.1	2.1	2.1	2.1	2.1	0.0	2.1	2.1	2.1	16.5
7C ORG OVERHEAD		0.0	0.0	0.0	1.0	1.0	1.0	1.0	1.0	0.0	1.0	1.0	1.0	8.1
Total BCWS	Staff	0.0	0.0	0.0	0.3	0.3	0.3	0.3	0.3	0.0	0.3	0.4	0.3	0.2
	Hrs	0	0	0	50	50	50	50	50	0	50	50	50	400
	\$	0.0	0.0	0.0	3.1	3.1	3.1	3.1	3.1	0.0	3.1	3.1	3.1	24.6

Total BCWP: -----

Total Wp		Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Total
	Staff	0.0	0.0	0.0	0.3	0.3	0.3	0.3	0.3	0.0	0.3	0.4	0.3	0.2
01 EXEMPT	Hrs	0	0	0	50	50	50	50	50	0	50	50	50	400
	\$	0.0	0.0	0.0	2.1	2.1	2.1	2.1	2.1	0.0	2.1	2.1	2.1	16.5
7C ORG OVERHEAD		0.0	0.0	0.0	1.0	1.0	1.0	1.0	1.0	0.0	1.0	1.0	1.0	8.1

Total BCWS	Staff	0.0	0.0	0.0	0.3	0.3	0.3	0.3	0.3	0.0	0.3	0.4	0.3	0.2
	Hrs	0	0	0	50	50	50	50	50	0	50	50	50	400
	\$	0.0	0.0	0.0	3.1	3.1	3.1	3.1	3.1	0.0	3.1	3.1	3.1	24.6

WORK PACKAGE: 1A24100F W-252 SAFETY DOCUMENTATION
Resp Org: 29510 LIQUID WASTE DISP SFTY SUPPORT

Scope of Work:
W-252 SAFETY DOCUMENTATION PLANNING

Revision No: 01
Date: 12/02/93

CAP STATUS: R

Task: 1A24100F01 A252F W-252 SAFETY DOCUMENTATION
Performing Org: 29510 LIQUID WASTE DISP SFTY SUPPORT
E V Method: 5 MODIFIED MILESTONE METHOD
Parent WBS:

Scope of Work:
W-252 SAFETY DOCUMENTATION PLANNING

Revision No: 01
Date: 12/02/93
Cin Num: SU94REP3
CAP STATUS: R

Approved By: ----- JOHNSON, LE 6-8807 Date: / /

Milestones:	Narrative
LEP-94-046 R 03/31/94 COMPLETE SAFETY DOCUMENTATION PROGRAM PLAN	

Cost Elements:

Fiscal Year: 1994		Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Total
01 EXEMPT	Staff	0.0	0.0	0.0	1.3	1.3	1.3	0.0	0.0	0.0	0.0	0.0	0.0	0.3
	Hrs	0	0	0	224	186	194	0	0	0	0	0	0	604
	\$	0.0	0.0	0.0	9.1	7.5	7.8	0.0	0.0	0.0	0.0	0.0	0.0	24.4
6P INFO SERVICE	\$	0.0	0.0	0.0	0.0	0.0	30.0	0.0	0.0	0.0	0.0	0.0	0.0	30.0
7C ORG OVERHEAD		0.0	0.0	0.0	4.6	3.8	4.0	0.0	0.0	0.0	0.0	0.0	0.0	12.4
Total BCWS	Staff	0.0	0.0	0.0	1.3	1.3	1.3	0.0	0.0	0.0	0.0	0.0	0.0	0.3
	Hrs	0	0	0	224	186	194	0	0	0	0	0	0	604
	\$	0.0	0.0	0.0	13.6	11.3	41.8	0.0	0.0	0.0	0.0	0.0	0.0	66.8

Total BCWP:

Total Wp		Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Total
01 EXEMPT	Staff	0.0	0.0	0.0	1.3	1.3	1.3	0.0	0.0	0.0	0.0	0.0	0.0	0.3
	Hrs	0	0	0	224	186	194	0	0	0	0	0	0	604
	\$	0.0	0.0	0.0	9.1	7.5	7.8	0.0	0.0	0.0	0.0	0.0	0.0	24.4
6P INFO SERVICE	\$	0.0	0.0	0.0	0.0	0.0	30.0	0.0	0.0	0.0	0.0	0.0	0.0	30.0
7C ORG OVERHEAD		0.0	0.0	0.0	4.6	3.8	4.0	0.0	0.0	0.0	0.0	0.0	0.0	12.4
Total BCWS	Staff	0.0	0.0	0.0	1.3	1.3	1.3	0.0	0.0	0.0	0.0	0.0	0.0	0.3
	Hrs	0	0	0	224	186	194	0	0	0	0	0	0	604
	\$	0.0	0.0	0.0	13.6	11.3	41.8	0.0	0.0	0.0	0.0	0.0	0.0	66.8

WORK PACKAGE: 1A24100G W-252 ADVANCED CD SUPPORT
Resp Org: 24380 EFFLUENT TREATMENT/LAB PROJECT

Scope of Work:
W-252 ADVANCED CONCEPTUAL DESIGN SUPPORT

Revision No: 01
Date: 12/02/93

CAP STATUS: R

Task: 1A24100G01 A252G W-252 ADVANCED CD SUPPORT
Performing Org: 24380 EFFLUENT TREATMENT/LAB PROJECT
E V Method: 5 MODIFIED MILESTONE METHOD
Parent WBS:

Scope of Work:
W-252 ADVANCED CONCEPTUAL DESIGN SUPPORT

Revision No: 01
Date: 12/02/93
Cin Num: SU94REP3
CAP STATUS: R

Approved By: ----- HUGHES, DP

2-2462 Date: / /

Milestones: Narrative
LEP-94-045 0 01/01/94 INITIATE ADVANCED CONCEPTUAL DESIGN

Cost Elements:

Fiscal Year: 1994	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Total
3R KAISER \$	10.0	10.0	10.0	50.0	50.0	60.0	60.0	60.0	60.0	60.0	50.0	20.0	500.0
7C ORG OVERHEAD	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Total BCWS Staff	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Hrs	0	0	0	0	0	0	0	0	0	0	0	0	0
\$	10.0	10.0	10.0	50.0	50.0	60.0	60.0	60.0	60.0	60.0	50.0	20.0	500.0

Total BCWP: -----

Total Wp	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Total
3R KAISER \$	10.0	10.0	10.0	50.0	50.0	60.0	60.0	60.0	60.0	60.0	50.0	20.0	500.0
7C ORG OVERHEAD	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Total BCWS Staff	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Hrs	0	0	0	0	0	0	0	0	0	0	0	0	0
\$	10.0	10.0	10.0	50.0	50.0	60.0	60.0	60.0	60.0	60.0	50.0	20.0	500.0

WORK PACKAGE: 1A24100H W-252 PROCUREMENT
Resp Org: 86300 LIQUID EFFLUENT ENGINEERING

Scope of Work:
W-252 PROCUREMENT AND ADP PLANS

Revision No: 01
Date: 12/02/93

CAP STATUS: R

Task: 1A24100H01 A252H W-252 PROCUREMENT
Performing Org: 86300 LIQUID EFFLUENT ENGINEERING
E V Method: 5 MODIFIED MILESTONE METHOD
Parent WBS:

Scope of Work:
W-252 PROCUREMENT AND ADP PLANS

Revision No: 01
Date: 12/02/93
Cin Num: SU94REP3
CAP STATUS: R

Approved By: ----- LINDSEY, DW

2-3087 Date: / /

Milestones: Narrative
LEP-94-032 0 12/01/93 INITIATE PREPARATION OF ADP PLAN

Cost Elements:

Fiscal Year: 1994		Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Total
01 EXEMPT	Staff	0.0	0.0	1.0	1.0	1.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.3
	Hrs	0	0	129	172	143	0	0	0	0	0	0	0	444
	\$	0.0	0.0	5.1	6.9	5.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	17.7
7C ORG OVERHEAD		0.0	0.0	1.0	1.4	1.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	3.5
Total BCWS	Staff	0.0	0.0	1.0	1.0	1.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.3
	Hrs	0	0	129	172	143	0	0	0	0	0	0	0	444
	\$	0.0	0.0	6.2	8.2	6.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	21.2

Total BCWP: -----

Total Wp		Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Total
01 EXEMPT	Staff	0.0	0.0	1.0	1.0	1.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.3
	Hrs	0	0	129	172	143	0	0	0	0	0	0	0	444
	\$	0.0	0.0	5.1	6.9	5.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	17.7
7C ORG OVERHEAD		0.0	0.0	1.0	1.4	1.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	3.5
Total BCWS	Staff	0.0	0.0	1.0	1.0	1.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.3
	Hrs	0	0	129	172	143	0	0	0	0	0	0	0	444
	\$	0.0	0.0	6.2	8.2	6.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	21.2

WORK PACKAGE: 1A24100J W-252 PROJECT MGMT SUPPORT
 Resp Org: 24300 ENVIRNMNTL/EFFLNT TRTMNT PROJ

Scope of Work:
 W-252 LEVEL III MANAGER AND SECRETARIAL SUPPORT

Revision No: 01
 Date: 12/02/93

CAP STATUS: R

Task: 1A24100J01 A252J W-252 PROJECT MGMT SUPPORT
 Performing Org: 24300 ENVIRNMNTL/EFFLNT TRTMNT PROJ
 E V Method: 4 LEVEL OF EFFORT METHOD
 Parent WBS:

Scope of Work:
 W-252 LEVEL III MANAGER AND SECRETARIAL SUPPORT

Revision No: 01
 Date: 12/02/93
 Cin Num: SU94REP3
 CAP STATUS: R

Approved By: ----- KELLY, JR 2-2792 Date: / /

Cost Elements:

Fiscal Year: 1994		Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Total
00 NON-EXEMPT	Staff	0.2	0.1	0.2	0.1	0.2	0.1	0.2	0.1	0.2	0.1	0.2	0.2	0.2
	Hrs	31	13	26	17	29	15	29	18	28	16	28	35	285
	\$	0.5	0.2	0.4	0.3	0.5	0.2	0.5	0.3	0.4	0.3	0.4	0.6	4.6
01 EXEMPT	Staff	0.2	0.1	0.2	0.1	0.2	0.1	0.2	0.1	0.2	0.1	0.2	0.2	0.2
	Hrs	31	16	26	17	29	15	29	18	28	16	28	35	288
	\$	1.2	0.6	1.0	0.7	1.1	0.6	1.1	0.7	1.1	0.6	1.1	1.4	11.3
7C ORG OVERHEAD		0.8	0.4	0.7	0.4	0.7	0.4	0.7	0.5	0.7	0.4	0.7	0.9	7.3
Total BCWS	Staff	0.4	0.2	0.4	0.2	0.4	0.2	0.4	0.2	0.4	0.2	0.4	0.4	0.3
	Hrs	62	29	52	34	58	30	58	36	56	32	56	70	573
	\$	2.5	1.2	2.1	1.4	2.3	1.2	2.3	1.5	2.3	1.3	2.3	2.8	23.3

Total BCWP: -----

Total Wp		Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Total
	Staff	0.2	0.1	0.2	0.1	0.2	0.1	0.2	0.1	0.2	0.1	0.2	0.2	0.2
00 NON-EXEMPT	Hrs	31	13	26	17	29	15	29	18	28	16	28	35	285
	\$	0.5	0.2	0.4	0.3	0.5	0.2	0.5	0.3	0.4	0.3	0.4	0.6	4.6
	Staff	0.2	0.1	0.2	0.1	0.2	0.1	0.2	0.1	0.2	0.1	0.2	0.2	0.2
01 EXEMPT	Hrs	31	16	26	17	29	15	29	18	28	16	28	35	288
	\$	1.2	0.6	1.0	0.7	1.1	0.6	1.1	0.7	1.1	0.6	1.1	1.4	11.3
7C ORG OVERHEAD		0.8	0.4	0.7	0.4	0.7	0.4	0.7	0.5	0.7	0.4	0.7	0.9	7.3
Total BCWS	Staff	0.4	0.2	0.4	0.2	0.4	0.2	0.4	0.2	0.4	0.2	0.4	0.4	0.3
	Hrs	62	29	52	34	58	30	58	36	56	32	56	70	573
	\$	2.5	1.2	2.1	1.4	2.3	1.2	2.3	1.5	2.3	1.3	2.3	2.8	23.3

WORK PACKAGE: 1A24100K W252 PROJ BUS MGMT SUPPORT
Resp Org: 24130 PROJECT BUSINESS MANAGEMENT

Scope of Work:
W252 PROJ BUS MGMT SUPPORT

Revision No: 01
Date: 12/02/93

CAP STATUS: R

Task: 1A24100K01 A252K W252 PROJ BUS MGMT SUPPORT
Performing Org: 24130 PROJECT BUSINESS MANAGEMENT
E V Method: 4 LEVEL OF EFFORT METHOD
Parent WBS:

Scope of Work:
W252 PROJ BUS MGMT SUPPORT

Revision No: 01
Date: 12/02/93
Cin Num: SU94REP3
CAP STATUS: R

Approved By: ----- PARVIS, JR

6-3346 Date: / /

Cost Elements:

Fiscal Year: 1994		Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Total
	Staff	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
01 EXEMPT	Hrs	31	27	26	34	29	30	29	37	28	32	28	35	366
	\$	1.1	1.0	0.9	1.2	1.0	1.0	1.0	1.3	1.0	1.1	1.0	1.2	12.8
7C ORG OVERHEAD		0.5	0.4	0.4	0.5	0.5	0.5	0.5	0.6	0.5	0.5	0.5	0.6	5.9
Total BCWS	Staff	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
	Hrs	31	27	26	34	29	30	29	37	28	32	28	35	366
	\$	1.6	1.4	1.3	1.7	1.5	1.5	1.5	1.9	1.4	1.6	1.4	1.8	18.7

Total BCWP: -----

Total Wp		Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Total
	Staff	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
01 EXEMPT	Hrs	31	27	26	34	29	30	29	37	28	32	28	35	366
	\$	1.1	1.0	0.9	1.2	1.0	1.0	1.0	1.3	1.0	1.1	1.0	1.2	12.8
7C ORG OVERHEAD		0.5	0.4	0.4	0.5	0.5	0.5	0.5	0.6	0.5	0.5	0.5	0.6	5.9
Total BCWS	Staff	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
	Hrs	31	27	26	34	29	30	29	37	28	32	28	35	366

	\$	1.6	1.4	1.3	1.7	1.5	1.5	1.5	1.9	1.4	1.6	1.4	1.8	18.7
=====														
WORK PACKAGE:	1A24100M W-252 SYSTEMS ENGINEERING	Scope of Work:										Revision No: 01		
Resp Org:	86300 LIQUID EFFLUENT ENGINEERING	W-252 SYSTEMS ENGINEERING										Date: 12/02/93		

CAP STATUS: R

=====														
Task:	1A24100M01 A2EC4 W252 STREAM FLOW DATA/ICD	Scope of Work:										Revision No: 01		
Performing Org:	86300 LIQUID EFFLUENT ENGINEERING	STREAM FLOW DATA; REVISE INTERFACE CONTROL										Date: 12/02/93		
E V Method:	2 PERCENT COMPLETE METHOD	DOCUMENT										Cin Num: SU94REP3		
Parent WBS:												CAP STATUS: R		
Approved By:	----- LINDSEY, DW	2-3087	Date:	/	/									

Milestones: Narrative
1A2410001 R 09/30/94 DRAFT INTERFACE CONTROL DOCUMENT REVISION

Cost Elements:

Fiscal Year: 1994		Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Total
00 NON-EXEMPT	Staff	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
	Hrs	31	27	26	34	29	30	29	37	28	32	28	35	366
	\$	0.5	0.4	0.4	0.5	0.5	0.5	0.5	0.6	0.4	0.5	0.4	0.6	5.8
01 EXEMPT	Staff	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.5	0.5	0.1
	Hrs	0	0	0	0	0	0	0	0	0	0	71	88	159
	\$	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.8	3.5	6.3
19 COMPUTER-HAR	\$	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	5.0	5.0
4C MPR	\$	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.0	1.0
7C ORG OVERHEAD		0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.7	0.8	2.4
Total BCWS	Staff	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.7	0.7	0.3
	Hrs	31	27	26	34	29	30	29	37	28	32	99	123	525
	\$	0.6	0.5	0.5	0.6	0.6	0.6	0.6	0.7	0.5	0.6	3.9	10.9	20.6

Total BCWP: -----

=====														
Task:	1A24100M02 A2E42 W252 ENGINEERING PROJECT MGMT	Scope of Work:										Revision No: 01		
Performing Org:	86300 LIQUID EFFLUENT ENGINEERING	PROJECT MANAGEMENT; REVIEW ADVANCED CONCEPTUAL										Date: 12/02/93		
E V Method:	2 PERCENT COMPLETE METHOD	DESIGN; SYSTEM ENGINEERING COORDINATION										Cin Num: SU94REP3		
Parent WBS:												CAP STATUS: R		
Approved By:	----- LINDSEY, DW	2-3087	Date:	/	/									

Cost Elements:

Fiscal Year: 1994		Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Total
01 EXEMPT	Staff	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3
	Hrs	47	40	39	52	43	45	44	55	41	48	42	53	549
	\$	1.9	1.6	1.6	2.1	1.7	1.8	1.8	2.2	1.6	1.9	1.7	2.1	21.9
2L TRAINING-ONS	\$	0.0	0.0	0.0	0.0	0.0	1.0	0.0	1.0	0.0	1.0	0.0	1.0	4.0
2M TRAINING-OFF	\$	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.0	0.0	1.0

2T TRAVEL & LIV	\$	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.0	0.0	2.0	0.0	4.0
7C ORG OVERHEAD		0.4	0.3	0.3	0.4	0.3	0.4	0.4	0.4	0.3	0.4	0.3	0.4	4.4
Total BCWS	Staff	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3
	Hrs	47	40	39	52	43	45	44	55	41	48	42	53	549
	\$	2.3	1.9	1.9	2.5	2.1	3.2	2.1	3.6	4.0	3.3	5.0	3.5	35.3

Total BCWP: -----

Task: 1A24100M03 A2E43 W252 SAFETY DOCUMENTATION

Scope of Work:

Revision No: 01

Performing Org: 86300 LIQUID EFFLUENT ENGINEERING

REVIEW SAFETY DOCUMENTATION PROGRAM PLAN

Date: 12/02/93

E V Method: 2 PERCENT COMPLETE METHOD

Cin Num: SU94REP3

Parent WBS:

CAP STATUS: R

Approved By: ----- LINDSEY, DW

2-3087

Date: / /

Cost Elements:

Fiscal Year: 1994		Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Total
01 EXEMPT	Staff	0.0	0.0	0.0	0.1	0.1	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	Hrs	0	0	0	17	14	15	0	0	0	0	0	0	46
	\$	0.0	0.0	0.0	0.7	0.6	0.6	0.0	0.0	0.0	0.0	0.0	0.0	1.8
7C ORG OVERHEAD		0.0	0.0	0.0	0.1	0.1	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.4
Total BCWS	Staff	0.0	0.0	0.0	0.1	0.1	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	Hrs	0	0	0	17	14	15	0	0	0	0	0	0	46
	\$	0.0	0.0	0.0	0.8	0.7	0.7	0.0	0.0	0.0	0.0	0.0	0.0	2.2

Total BCWP: -----

Total Wp		Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Total
00 NON-EXEMPT	Staff	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
	Hrs	31	27	26	34	29	30	29	37	28	32	28	35	366
	\$	0.5	0.4	0.4	0.5	0.5	0.5	0.5	0.6	0.4	0.5	0.4	0.6	5.8
01 EXEMPT	Staff	0.3	0.3	0.3	0.4	0.4	0.4	0.3	0.3	0.3	0.3	0.8	0.8	0.4
	Hrs	47	40	39	69	57	60	44	55	41	48	113	141	754
	\$	1.9	1.6	1.6	2.7	2.3	2.4	1.8	2.2	1.6	1.9	4.5	5.6	30.1
19 COMPUTER-HAR	\$	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	5.0	5.0
2L TRAINING-ONS	\$	0.0	0.0	0.0	0.0	0.0	1.0	0.0	1.0	0.0	1.0	0.0	1.0	4.0
2M TRAINING-OFF	\$	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.0	0.0	1.0
2T TRAVEL & LIV	\$	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.0	0.0	2.0	0.0	4.0
4C MPR	\$	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.0	1.0
7C ORG OVERHEAD		0.5	0.4	0.4	0.7	0.5	0.6	0.4	0.6	0.4	0.5	1.0	1.2	7.2
Total BCWS	Staff	0.5	0.5	0.5	0.6	0.6	0.6	0.5	0.5	0.5	0.5	1.0	1.0	0.6

Total Wp		Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Total
01 EXEMPT	Staff	0.0	1.2	1.3	0.9	1.1	1.0	0.0	0.0	0.0	0.0	0.0	0.0	0.5
	Hrs	0	160	160	160	160	160	0	0	0	0	0	0	800
	\$	0.0	6.0	5.9	5.9	5.9	5.9	0.0	0.0	0.0	0.0	0.0	0.0	29.6

7C ORG OVERHEAD	0.0	1.7	1.7	1.7	1.7	1.7	0.0	0.0	0.0	0.0	0.0	0.0	8.3
Total BCWS	Staff	0.0	1.2	1.3	0.9	1.1	1.0	0.0	0.0	0.0	0.0	0.0	0.5
	Hrs	0	160	160	160	160	160	0	0	0	0	0	800
	\$	0.0	7.7	7.6	7.6	7.6	7.6	0.0	0.0	0.0	0.0	0.0	37.9

WORK PACKAGE: 1A24100P W-252 SUPPORT
Resp Org: 86300 LIQUID EFFLUENT ENGINEERING

Scope of Work:
W-252 SUPPORT

Revision No: 01
Date: 12/02/93

CAP STATUS: R

Task: 1A24100P01 A2E46 W252 SUPPORT
Performing Org: 86300 LIQUID EFFLUENT ENGINEERING
E V Method: 4 LEVEL OF EFFORT METHOD
Parent WBS:
Approved By: ----- LINDSEY, DW

Scope of Work:
W252 SUPPORT

Revision No: 01
Date: 12/02/93
Cin Num: SU94REP3
CAP STATUS: R

2-3087 Date: / /

Cost Elements:

Fiscal Year: 1994		Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Total
21 PO CONTRACTS	\$	15.4	15.4	15.4	15.4	15.4	15.4	15.4	15.4	15.4	15.4	15.4	15.4	185.0
7C ORG OVERHEAD		0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Total BCWS	Staff	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	Hrs	0	0	0	0	0	0	0	0	0	0	0	0	0
	\$	15.4	15.4	15.4	15.4	15.4	15.4	15.4	15.4	15.4	15.4	15.4	15.4	185.0

Total BCWP: -----

Total Wp		Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Total
21 PO CONTRACTS	\$	15.4	15.4	15.4	15.4	15.4	15.4	15.4	15.4	15.4	15.4	15.4	15.4	185.0
7C ORG OVERHEAD		0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Total BCWS	Staff	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	Hrs	0	0	0	0	0	0	0	0	0	0	0	0	0
	\$	15.4	15.4	15.4	15.4	15.4	15.4	15.4	15.4	15.4	15.4	15.4	15.4	185.0

Total CAP		Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Total
00 NON-EXEMPT	Staff	0.6	0.6	0.7	0.6	0.7	0.8	0.9	0.6	0.7	0.6	0.7	0.7	0.7
	Hrs	93	77	93	100	97	125	137	102	94	90	94	115	1217
	\$	1.5	1.3	1.6	1.7	1.6	2.3	2.5	1.7	1.6	1.5	1.6	1.9	20.7
01 EXEMPT	Staff	1.8	2.9	4.1	5.3	5.6	4.7	2.1	2.0	1.8	2.0	3.0	2.6	3.2
	Hrs	281	389	522	915	811	713	313	362	249	323	414	454	5746
	\$	11.1	15.0	20.1	35.9	31.8	27.7	12.3	14.2	9.7	12.7	16.1	17.9	224.5
06 BARGAINING U	Staff	0.0	0.0	0.0	0.0	0.0	0.3	0.0	0.0	0.0	0.0	0.4	0.0	0.1
	Hrs	0	0	0	0	0	50	0	0	0	0	50	0	100
	\$	0.0	0.0	0.0	0.0	0.0	1.2	0.0	0.0	0.0	0.0	1.2	0.0	2.4

19 COMPUTER-HAR	\$	0.0	0.0	0.0	0.0	5.0	0.0	0.0	0.0	0.0	0.0	0.0	5.0	10.0
2L TRAINING-ONS	\$	0.0	0.0	0.0	0.0	0.0	1.0	0.0	1.0	0.0	1.0	0.0	1.0	4.0
2M TRAINING-OFF	\$	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.0	0.0	1.0
2T TRAVEL & LIV	\$	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	7.0	0.0	2.0	0.0	9.0
21 PO CONTRACTS	\$	15.4	15.4	15.4	15.4	15.4	15.4	15.4	15.4	15.4	15.4	15.4	15.4	185.0
3R KAISER	\$	10.0	10.0	10.0	50.0	50.0	60.0	60.0	60.0	60.0	60.0	50.0	20.0	500.0
4C MPR	\$	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.0	1.0
4V FLEET	\$	0.0	0.0	0.0	1.0	0.0	1.0	0.0	0.0	0.0	0.0	0.0	0.0	2.0
6P INFO SERVICE	\$	0.0	0.0	0.0	5.0	0.0	35.0	0.0	0.0	0.0	0.0	5.0	0.0	45.0
7C ORG OVERHEAD		5.2	5.9	7.1	14.1	12.5	12.5	6.3	6.6	4.6	6.0	7.0	7.5	95.2
Total BCWS	Staff	2.4	3.5	4.8	5.9	6.3	5.8	3.0	2.6	2.5	2.6	4.1	3.3	3.9
	Hrs	374	466	615	1015	908	888	450	464	343	413	558	569	7063
	\$	43.2	47.7	54.2	123.1	116.3	156.1	96.5	98.9	98.3	96.5	99.3	69.7	1099.8
Total GA/CSP		9.3	10.5	12.1	22.9	21.2	29.7	14.5	15.1	14.9	14.5	16.9	14.4	195.9
Total with GA/CSP		52.5	58.1	66.3	146.0	137.6	185.7	111.0	114.0	113.2	111.0	116.2	84.1	1295.7

Approval Signatures:

Function Mgr:

/ /

Cap Status

Budgets:

/ /

PBR/SCH:

/ /

R

C.A. Mgr:

/ /

Activity Mgr:

/ /

CA/WBS: 1A2420 200 ETF SYSTEM ENG SUPPORT Funding Source: 1994 EXPENSE Cap Rev: 02 Cin: SU94REP3 Start Completion
CA Manager: LINDSEY, DW CAP Orig Date : 11/12/93 Budget (K\$): 975.0 Date Date
Resp Org: 86300 LIQUID EFFLUENT ENGINEERING Budget Analyst: G2 - ALLENDER, CM Phone: 2-2603 10/01/93 09/30/94
GL Index: RBY B & R Number: EW3130020 B & R Title: RICHLAND SOLID/LIQUID WASTE CAP STATUS: R

WORK PACKAGE: 1A24200A C018 TRITIUM STUDY Scope of Work: Revision No: 02
Resp Org: 86300 LIQUID EFFLUENT ENGINEERING C018 TRITIUM STUDY Date: 12/02/93

CAP STATUS: R

Task: 1A24200A01 AC401 C018 TRITIUM STUDY Scope of Work: Revision No: 02
Performing Org: 86300 LIQUID EFFLUENT ENGINEERING PREPARE TRITIUM STUDY FOR TRANSMITTAL Date: 12/02/93
E V Method: 2 PERCENT COMPLETE METHOD TO RL AND EPA/ECOLOGY Cin Num: SU94REP3
Parent WBS: CAP STATUS: R
Approved By: ----- LINDSEY, DW 2-3087 Date: / /

Milestones: Narrative
LEP-94-067 O 09/30/94 COMPLETE ANNUAL EVALUATION OF TRITIUM TECHNOLOGY

1A2420001 O 07/30/94 DRAFT TRITIUM STUDY TO RL

Cost Elements:

Fiscal Year: 1994		Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Total
01 EXEMPT	Staff	0.2	0.2	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.5	0.5	0.7
	Hrs	31	27	103	138	114	119	117	147	110	129	71	88	1194
	\$	1.3	1.1	4.1	5.5	4.5	4.7	4.7	5.9	4.4	5.1	2.8	3.5	47.6
2T TRAVEL & LIV	\$	0.0	5.0	0.0	0.0	0.0	5.0	0.0	0.0	5.0	0.0	0.0	0.0	15.0
21 PO CONTRACTS	\$	0.0	0.0	0.0	3.5	3.5	3.5	3.5	3.5	3.5	3.5	3.5	3.5	31.5
4C MPR	\$	0.7	0.7	0.3	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.1	0.1	3.3
7C ORG OVERHEAD		0.3	0.2	0.8	1.1	0.9	0.9	0.9	1.2	0.9	1.0	0.6	0.7	9.5
Total BCWS	Staff	0.2	0.2	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.5	0.5	0.7
	Hrs	31	27	103	138	114	119	117	147	110	129	71	88	1194
	\$	2.2	7.0	5.2	10.3	9.2	14.4	9.3	10.7	14.0	9.9	7.0	7.8	106.9

Total BCWP:

Total Wp		Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Total
01 EXEMPT	Staff	0.2	0.2	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.5	0.5	0.7
	Hrs	31	27	103	138	114	119	117	147	110	129	71	88	1194
	\$	1.3	1.1	4.1	5.5	4.5	4.7	4.7	5.9	4.4	5.1	2.8	3.5	47.6
2T TRAVEL & LIV	\$	0.0	5.0	0.0	0.0	0.0	5.0	0.0	0.0	5.0	0.0	0.0	0.0	15.0
21 PO CONTRACTS	\$	0.0	0.0	0.0	3.5	3.5	3.5	3.5	3.5	3.5	3.5	3.5	3.5	31.5
4C MPR	\$	0.7	0.7	0.3	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.1	0.1	3.3

7C ORG OVERHEAD	0.3	0.2	0.8	1.1	0.9	0.9	0.9	1.2	0.9	1.0	0.6	0.7	9.5
Total BCWS Staff	0.2	0.2	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.5	0.5	0.7
Hrs	31	27	103	138	114	119	117	147	110	129	71	88	1194
\$	2.2	7.0	5.2	10.3	9.2	14.4	9.3	10.7	14.0	9.9	7.0	7.8	106.9

WORK PACKAGE: 1A242008 C018 UTILIZATION
Resp Org: 86300 LIQUID EFFLUENT ENGINEERING

Scope of Work:
C018 UTILIZATION

Revision No: 02
Date: 12/02/93

CAP STATUS: R

Task: 1A24200801 A2C42 C018 UTILIZATION
Performing Org: 86300 LIQUID EFFLUENT ENGINEERING
E V Method: 2 PERCENT COMPLETE METHOD
Parent WBS:
Approved By: ----- LINDSEY, DW

Scope of Work:
PREPARE OPTIMIZATION STUDY, ALTERNATIVE USES
STUDY, AND ALTERNATIVE WASTE FORM DOCUMENT
2-3087 Date: / /

Revision No: 02
Date: 12/02/93
Cin Num: SU94REP3
CAP STATUS: R

Milestones: Narrative
1A2420002 O 09/30/94 COMPLETE C018 OPTIMIZATION STUDY

1A2420003 O 09/30/94 COMPLETE C018 ALTERNATIVE USES STUDY

1A2420004 O 04/30/94 COMPLETE C018 ALTERNATIVE WASTE FORM DOCUMENT

Cost Elements:

Fiscal Year: 1994	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Total
00 NON-EXEMPT Staff	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5
Hrs	78	67	65	86	72	75	73	92	69	81	71	88	917
\$	1.3	1.1	1.0	1.4	1.1	1.2	1.2	1.5	1.1	1.3	1.1	1.4	14.5
01 EXEMPT Staff	3.3	3.3	3.3	3.3	3.3	3.3	3.3	3.3	3.8	3.8	3.8	3.8	3.5
Hrs	515	439	426	568	472	492	482	607	524	612	536	665	6338
\$	20.8	17.8	17.0	22.6	18.8	19.6	19.2	24.2	20.9	24.4	21.4	26.5	253.2
2T TRAVEL & LIV \$	5.0	0.0	0.0	0.0	5.0	0.0	0.0	5.0	0.0	0.0	0.0	0.0	15.0
7C ORG OVERHEAD	4.4	3.8	3.6	4.8	4.0	4.2	4.1	5.1	4.4	5.1	4.5	5.6	53.5
Total BCWS Staff	3.8	3.8	3.8	3.8	3.8	3.8	3.8	3.8	4.3	4.3	4.3	4.3	4.0
Hrs	593	506	491	654	544	567	555	699	593	693	607	753	7255
\$	31.5	22.6	21.6	28.8	28.9	24.9	24.4	35.8	26.4	30.8	27.0	33.5	336.2

Total BCWP: -----

Total Wp	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Total
00 NON-EXEMPT Staff	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5
Hrs	78	67	65	86	72	75	73	92	69	81	71	88	917
\$	1.3	1.1	1.0	1.4	1.1	1.2	1.2	1.5	1.1	1.3	1.1	1.4	14.5
01 EXEMPT Staff	3.3	3.3	3.3	3.3	3.3	3.3	3.3	3.3	3.8	3.8	3.8	3.8	3.5
Hrs	515	439	426	568	472	492	482	607	524	612	536	665	6338
\$	20.8	17.8	17.0	22.6	18.8	19.6	19.2	24.2	20.9	24.4	21.4	26.5	253.2

2T TRAVEL & LIV	\$	5.0	0.0	0.0	0.0	5.0	0.0	0.0	5.0	0.0	0.0	0.0	15.0
7C ORG OVERHEAD		4.4	3.8	3.6	4.8	4.0	4.2	4.1	5.1	4.4	5.1	4.5	53.5
Total BCWS	Staff	3.8	3.8	3.8	3.8	3.8	3.8	3.8	3.8	4.3	4.3	4.3	4.0
	Hrs	593	506	491	654	544	567	555	699	593	693	607	7255
	\$	31.5	22.6	21.6	28.8	28.9	24.9	24.4	35.8	26.4	30.8	27.0	336.2

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WORK PACKAGE:	1A24200C C018 LOAD IN/LOAD OUT	Scope of Work:	Revision No: 02
Resp Org:	86300 LIQUID EFFLUENT ENGINEERING	C018 LOAD IN/LOAD OUT	Date: 12/02/93

CAP STATUS: R

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Task:	1A24200C01 A2C43 C018 LOAD IN/LOAD OUT	Scope of Work:	Revision No: 02
Performing Org:	86300 LIQUID EFFLUENT ENGINEERING	STARTUP LOAD IN/LOAD OUT STATION	Date: 12/02/93
E V Method:	2 PERCENT COMPLETE METHOD		Cin Num: SU94REP3
Parent WBS:			CAP STATUS: R
Approved By:	----- LINDSEY, DW	2-3087	Date: / /

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Milestones: Narrative
1A2420005 O 05/01/94 STARTUP LOAD IN/LOAD OUT STATION

Cost Elements:

Fiscal Year: 1994		Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Total
01 EXEMPT	Staff	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.0	0.0	0.0	0.0	0.3
	Hrs	78	67	65	86	72	75	73	92	0	0	0	0	608
	\$	3.2	2.7	2.6	3.4	2.9	3.0	2.9	3.7	0.0	0.0	0.0	0.0	24.3
7C ORG OVERHEAD		0.6	0.5	0.5	0.7	0.6	0.6	0.6	0.7	0.0	0.0	0.0	0.0	4.9
Total BCWS	Staff	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.0	0.0	0.0	0.0	0.3
	Hrs	78	67	65	86	72	75	73	92	0	0	0	0	608
	\$	3.8	3.3	3.1	4.1	3.4	3.6	3.5	4.4	0.0	0.0	0.0	0.0	29.2

Total BCWP:

Total Wp		Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Total
01 EXEMPT	Staff	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.0	0.0	0.0	0.0	0.3
	Hrs	78	67	65	86	72	75	73	92	0	0	0	0	608
	\$	3.2	2.7	2.6	3.4	2.9	3.0	2.9	3.7	0.0	0.0	0.0	0.0	24.3
7C ORG OVERHEAD		0.6	0.5	0.5	0.7	0.6	0.6	0.6	0.7	0.0	0.0	0.0	0.0	4.9
Total BCWS	Staff	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.0	0.0	0.0	0.0	0.3
	Hrs	78	67	65	86	72	75	73	92	0	0	0	0	608
	\$	3.8	3.3	3.1	4.1	3.4	3.6	3.5	4.4	0.0	0.0	0.0	0.0	29.2

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WORK PACKAGE: 1A24200D C018 TEMP OFFICE FACILITY
Resp Org: 24350 EVAPRTR CONDENSATE TRTMNT PROJ

Scope of Work:
C018 TEMPORARY OFFICE FACILITY

Revision No: 02
Date: 12/02/93

CAP STATUS: R

Task: 1A24200D01 A2CTA C018 TEMP OFF FAC PERMITTING
Performing Org: 88300 AIR & WATER PERMITS
E V Method: 2 PERCENT COMPLETE METHOD
Parent WBS:
Approved By: ----- OLDHAM, RW

Scope of Work:
TEMPORARY OFFICE FACILITY PERMITTING -
SEPTIC HOLDING TANKS
6-1044 Date: / /

Revision No: 02
Date: 12/02/93
Cin Num: SU94REP3
CAP STATUS: R

Milestones: Narrative
1A2420006 0 01/31/94 COMPLETE PERMITTING APPLICATION SUBMITTALS TO DOH

Cost Elements:

Fiscal Year: 1994		Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Total
01 EXEMPT	Staff	0.8	0.2	1.0	0.7	0.1	0.1	0.1	0.1	0.0	0.0	0.0	0.0	0.3
	Hrs	125	27	129	120	14	15	15	18	0	0	0	0	463
	\$	4.5	1.0	4.6	4.3	0.5	0.5	0.5	0.6	0.0	0.0	0.0	0.0	16.6
7C ORG OVERHEAD		1.4	0.3	1.5	1.4	0.2	0.2	0.2	0.2	0.0	0.0	0.0	0.0	5.3
Total BCWS	Staff	0.8	0.2	1.0	0.7	0.1	0.1	0.1	0.1	0.0	0.0	0.0	0.0	0.3
	Hrs	125	27	129	120	14	15	15	18	0	0	0	0	463
	\$	6.0	1.3	6.1	5.6	0.7	0.7	0.7	0.8	0.0	0.0	0.0	0.0	21.9

Total BCWP: -----

Task: 1A24200D02 A2CTB C018 TEMP OFF FAC LEASE
Performing Org: 86300 LIQUID EFFLUENT ENGINEERING
E V Method: 4 LEVEL OF EFFORT METHOD
Parent WBS:
Approved By: ----- LINDSEY, DW

Scope of Work:
C018 TEMPORARY OFFICE FACILITY LEASE
2-3087 Date: / /

Revision No: 02
Date: 12/02/93
Cin Num: SU94REP3
CAP STATUS: R

Cost Elements:

Fiscal Year: 1994		Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Total
21 PO CONTRACTS	\$	0.0	0.0	0.0	0.0	0.0	0.0	0.0	11.0	11.0	11.0	11.0	11.0	55.0
4C MPR	\$	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.0	1.0	1.0	1.0	1.0	5.0
7C ORG OVERHEAD		0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Total BCWS	Staff	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	Hrs	0	0	0	0	0	0	0	0	0	0	0	0	0
	\$	0.0	0.0	0.0	0.0	0.0	0.0	0.0	12.0	12.0	12.0	12.0	12.0	60.0

Total BCWP: -----

Task: 1A24200D03 A2CTC C018 TEMP OFF FAC PROJECT MGMT Scope of Work:
 Performing Org: 24350 EVAPRTR CONDENSATE TRTMT PROJ TEMPORARY OFFICE FACILITY PROJECT MANAGEMENT -
 E V Method: 2 PERCENT COMPLETE METHOD KEH SITE WORK
 Parent WBS:
 Approved By: ----- NOBLE, JJ 6-8092 Date: / /

Revision No: 02
 Date: 12/02/93
 Cin Num: SU94REP3
 CAP STATUS: R

Milestones: Narrative
 1A2420007 0 05/31/94 COMPLETE SITE WORK

Cost Elements:

Fiscal Year: 1994		Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Total
01 EXEMPT	Staff	0.3	0.2	0.2	0.1	0.3	0.3	0.3	0.1	0.0	0.0	0.0	0.0	0.2
	Hrs	47	27	26	17	43	45	44	18	0	0	0	0	267
	\$	1.9	1.1	1.0	0.7	1.7	1.8	1.7	0.7	0.0	0.0	0.0	0.0	10.5
3R KAISER	\$	0.0	0.0	0.0	0.0	20.0	40.0	30.0	10.0	0.0	0.0	0.0	0.0	100.0
7C ORG OVERHEAD		0.9	0.5	0.5	0.3	0.8	0.8	0.8	0.3	0.0	0.0	0.0	0.0	4.8
Total BCWS	Staff	0.3	0.2	0.2	0.1	0.3	0.3	0.3	0.1	0.0	0.0	0.0	0.0	0.2
	Hrs	47	27	26	17	43	45	44	18	0	0	0	0	267
	\$	2.7	1.6	1.5	1.0	22.5	42.6	32.5	11.0	0.0	0.0	0.0	0.0	115.4

Total BCWP: -----

Task: 1A24200D04 A2CTD C018 TEMP OFF FAC HLAN SETUP Scope of Work:
 Performing Org: 69100 NETWORK ENGINEERING TEMPORARY OFFICE FACILITY HLAN SETUP
 E V Method: 2 PERCENT COMPLETE METHOD
 Parent WBS:
 Approved By: ----- BALLINGER, AD 6-7589 Date: / /

Revision No: 02
 Date: 12/02/93
 Cin Num: SU94REP3
 CAP STATUS: R

Milestones: Narrative
 1A2420008 0 05/31/94 COMPLETE HLAN SETUP FOR TEMP OFFICE SPACE

Cost Elements:

Fiscal Year: 1994		Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Total
01 EXEMPT	Staff	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.4	0.0	0.0	0.0	0.0	0.1
	Hrs	0	0	0	0	0	0	0	258	0	0	0	0	258
	\$	0.0	0.0	0.0	0.0	0.0	0.0	0.0	10.1	0.0	0.0	0.0	0.0	10.1
19 COMPUTER-HAR	\$	0.0	0.0	0.0	0.0	0.0	0.0	0.0	5.0	0.0	0.0	0.0	0.0	5.0
4C MPR	\$	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.0	0.0	0.0	0.0	0.0	1.0
7C ORG OVERHEAD		0.0	0.0	0.0	0.0	0.0	0.0	0.0	7.1	0.0	0.0	0.0	0.0	7.1
Total BCWS	Staff	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.4	0.0	0.0	0.0	0.0	0.1
	Hrs	0	0	0	0	0	0	0	258	0	0	0	0	258
	\$	0.0	0.0	0.0	0.0	0.0	0.0	0.0	23.2	0.0	0.0	0.0	0.0	23.2

Total BCWP: -----

Task: 1A24200D05 A2CTE C018 TEMP OFF SEPTIC PUMPING

Scope of Work:

Revision No: 02

Performing Org: 54640 SANITARY SYSTEMS

TEMPORARY OFFICE FACILITY SEPTIC PUMPING

Date: 12/02/93

E V Method: 4 LEVEL OF EFFORT METHOD

SERVICES

Cin Num: SU94REP3

Parent WBS:

CAP STATUS: R

Approved By: ----- THORNOCK, JA

3-3941

Date: / /

Cost Elements:

Fiscal Year: 1994	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Total
21 PO CONTRACTS \$	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.0	1.0	1.0	1.0	1.0	5.0
4C MPR \$	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.1	0.1	0.1	0.1	0.5
7C ORG OVERHEAD	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Total BCWS Staff	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Hrs	0	0	0	0	0	0	0	0	0	0	0	0	0
\$	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.1	1.1	1.1	1.1	1.1	5.5

Total BCWP: -----

Total Wp	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Total
Staff	1.1	0.4	1.2	0.8	0.4	0.4	0.4	1.6	0.0	0.0	0.0	0.0	0.5
01 EXEMPT Hrs	172	54	155	137	57	60	59	294	0	0	0	0	988
\$	6.4	2.1	5.6	4.9	2.2	2.3	2.3	11.4	0.0	0.0	0.0	0.0	37.2
19 COMPUTER-HAR \$	0.0	0.0	0.0	0.0	0.0	0.0	0.0	5.0	0.0	0.0	0.0	0.0	5.0
21 PO CONTRACTS \$	0.0	0.0	0.0	0.0	0.0	0.0	0.0	12.0	12.0	12.0	12.0	12.0	60.0
3R KAISER \$	0.0	0.0	0.0	0.0	20.0	40.0	30.0	10.0	0.0	0.0	0.0	0.0	100.0
4C MPR \$	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.1	1.1	1.1	1.1	1.1	6.5
7C ORG OVERHEAD	2.3	0.8	1.9	1.7	0.9	1.0	1.0	7.6	0.0	0.0	0.0	0.0	17.2
Total BCWS Staff	1.1	0.4	1.2	0.8	0.4	0.4	0.4	1.6	0.0	0.0	0.0	0.0	0.5
Hrs	172	54	155	137	57	60	59	294	0	0	0	0	988
\$	8.7	2.9	7.6	6.6	23.1	43.3	33.2	48.2	13.1	13.1	13.1	13.1	226.0

WORK PACKAGE: 1A24200E C018 COMMUNICATIONS SYSTEM

Scope of Work:

Revision No: 02

Resp Org: 69100 NETWORK ENGINEERING

PROCURE AND INSTALL C018H RADIOS, HLAN
AND TELEPHONES

Date: 12/02/93

CAP STATUS: R

Task: 1A24200E01 A2C31 C018 RADIO INSTALLATION

Scope of Work:

Revision No: 02

Performing Org: 69200 COMPUTER/TELECOMM MAINT

COMPLETE RADIO INSTALLATION FOR C018

Date: 12/02/93

E V Method: 2 PERCENT COMPLETE METHOD

Cin Num: SU94REP3

Parent WBS:

CAP STATUS: R

Approved By: ----- KOONS, MJ

6-9613

Date: / /

Milestones:

Narrative

1A2420009 O 01/31/94 COMPLETE RADIO INSTALLATION AT C018

Cost Elements:

Fiscal Year: 1994	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Total
Staff	0.0	0.5	0.3	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1
06 BARGAINING U Hrs	0	67	39	17	0	0	0	0	0	0	0	0	123
\$	0.0	2.1	1.2	0.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	3.7
7C ORG OVERHEAD	0.0	1.1	0.6	0.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.1
Total BCWS Staff	0.0	0.5	0.3	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1
Hrs	0	67	39	17	0	0	0	0	0	0	0	0	123
\$	0.0	3.2	1.8	0.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	5.8

Total BCWP:

Task: 1A24200E02 A2C32 C018 HLAN INSTALLATION

Scope of Work:

Revision No: 02

Performing Org: 69200 COMPUTER/TELECOMM MAINT

COMPLETE HLAN INSTALLATION FOR C018

Date: 12/02/93

E V Method: 2 PERCENT COMPLETE METHOD

Cin Num: SU94REP3

Parent WBS:

CAP STATUS: R

Approved By: ----- KOONS, MJ

6-9613 Date: / /

Milestones:

Narrative

1A2420010 O 02/28/94 COMPLETE HLAN INSTALLATION

Cost Elements:

Fiscal Year: 1994	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Total
Staff	1.2	3.1	3.4	1.4	0.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.8
06 BARGAINING U Hrs	187	412	439	241	43	0	0	0	0	0	0	0	1322
\$	5.7	12.6	13.3	7.3	1.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	40.2
7C ORG OVERHEAD	3.1	6.9	7.3	4.0	0.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	22.0
Total BCWS Staff	1.2	3.1	3.4	1.4	0.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.8
Hrs	187	412	439	241	43	0	0	0	0	0	0	0	1322
\$	8.9	19.6	20.5	11.3	2.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	62.3

Total BCWP:

Task: 1A24200E03 A2C33 C018 COMMUNICATION ENGINERG

Scope of Work:

Revision No: 02

Performing Org: 69100 NETWORK ENGINEERING

ENGINEERING SUPPORT FOR C018 RADIO, PHONE,

Date: 12/02/93

E V Method: 2 PERCENT COMPLETE METHOD

HLAN PROCUREMENT AND INSTALLATION

Cin Num: SU94REP3

Parent WBS:

CAP STATUS: R

Approved By: ----- BALLINGER, AD

6-7589 Date: / /

Milestones:

Narrative

1A2420011 O 03/31/94 COMPLETE HLAN HOOKUP & TESTING FOR C018

1A2420012 O 03/31/94 COMPLETE INITIAL PHONE INSTALLATION AND

TESTING

1A2420013 0 03/01/94 COMPLETE RADIO PURCHASE, HOOKUP AND TESTING

Cost Elements:

Fiscal Year: 1994		Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Total
01 EXEMPT	Staff	1.2	1.2	1.2	1.0	0.4	0.3	0.1	0.2	0.2	0.2	0.3	0.0	0.5
	Hrs	187	160	155	172	57	45	15	37	28	32	42	0	930
	\$	7.4	6.4	6.1	6.7	2.2	1.8	0.6	1.4	1.1	1.3	1.6	0.0	36.6
21 PO CONTRACTS	\$	30.0	40.0	30.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	100.0
4C MPR	\$	6.0	8.0	6.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	20.0
7C ORG OVERHEAD		5.2	4.5	4.3	4.7	1.6	1.2	0.4	1.0	0.8	0.9	1.2	0.0	25.7
Total BCWS	Staff	1.2	1.2	1.2	1.0	0.4	0.3	0.1	0.2	0.2	0.2	0.3	0.0	0.5
	Hrs	187	160	155	172	57	45	15	37	28	32	42	0	930
	\$	48.6	58.8	46.3	11.5	3.8	3.0	1.0	2.5	1.9	2.1	2.8	0.0	182.3

Total BCWP:

Total Wp		Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Total
01 EXEMPT	Staff	1.2	1.2	1.2	1.0	0.4	0.3	0.1	0.2	0.2	0.2	0.3	0.0	0.5
	Hrs	187	160	155	172	57	45	15	37	28	32	42	0	930
	\$	7.4	6.4	6.1	6.7	2.2	1.8	0.6	1.4	1.1	1.3	1.6	0.0	36.6
06 BARGAINING U	Staff	1.2	3.6	3.7	1.5	0.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.9
	Hrs	187	479	478	258	43	0	0	0	0	0	0	0	1445
	\$	5.7	14.7	14.4	7.8	1.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	44.0
21 PO CONTRACTS	\$	30.0	40.0	30.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	100.0
4C MPR	\$	6.0	8.0	6.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	20.0
7C ORG OVERHEAD		8.4	12.5	12.2	9.0	2.3	1.2	0.4	1.0	0.8	0.9	1.2	0.0	49.8
Total BCWS	Staff	2.4	4.8	4.9	2.5	0.7	0.3	0.1	0.2	0.2	0.2	0.3	0.0	1.4
	Hrs	374	639	633	430	100	45	15	37	28	32	42	0	2375
	\$	57.5	81.6	68.7	23.5	5.8	3.0	1.0	2.5	1.9	2.1	2.8	0.0	250.3

 WORK PACKAGE: 1A24200F LERF ENGINEERING STUDY
 Resp Org: 86300 LIQUID EFFLUENT ENGINEERING

 Scope of Work:
 ENGINEERING STUDY ON ALTERNATIVE USES FOR
 LERF BASINS

 Revision No: 02
 Date: 12/02/93

CAP STATUS: R

 Task: 1A24200F01 A2498 LERF ENGINEERING STUDY
 Performing Org: 86300 LIQUID EFFLUENT ENGINEERING
 E V Method: 2 PERCENT COMPLETE METHOD

 Scope of Work:
 ENGINEERING STUDY ON ALTERNATIVE USES FOR
 LERF BASINS

 Revision No: 02
 Date: 12/02/93
 Cin Num: SU94REP3
 CAP STATUS: R

Parent WBS:

Approved By: ----- LINDSEY, DW

2-3087 Date: / /

Milestones:

Narrative

LEP-94-021 R 01/04/94 COMPLETE LERF BASIN ALTERNATIVE USE STUDY

Cost Elements:

Fiscal Year: 1994		Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Total
01 EXEMPT	Staff	0.0	0.7	0.7	0.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.2
	Hrs	0	93	90	120	0	0	0	0	0	0	0	0	303
	\$	0.0	3.8	3.6	4.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	12.1
7C ORG OVERHEAD		0.0	0.8	0.7	1.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.4
Total BCWS	Staff	0.0	0.7	0.7	0.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.2
	Hrs	0	93	90	120	0	0	0	0	0	0	0	0	303
	\$	0.0	4.5	4.3	5.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	14.6

Total BCWP:

Total Wp		Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Total
01 EXEMPT	Staff	0.0	0.7	0.7	0.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.2
	Hrs	0	93	90	120	0	0	0	0	0	0	0	0	303
	\$	0.0	3.8	3.6	4.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	12.1
C ORG OVERHEAD		0.0	0.8	0.7	1.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.4
Total BCWS	Staff	0.0	0.7	0.7	0.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.2
	Hrs	0	93	90	120	0	0	0	0	0	0	0	0	303
	\$	0.0	4.5	4.3	5.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	14.6

Total CAP		Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Total
00 NON-EXEMPT	Staff	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5
	Hrs	78	67	65	86	72	75	73	92	69	81	71	88	917
	\$	1.3	1.1	1.0	1.4	1.1	1.2	1.2	1.5	1.1	1.3	1.1	1.4	14.5
01 EXEMPT	Staff	6.3	6.3	7.7	7.1	5.4	5.3	5.1	6.4	4.8	4.8	4.6	4.3	5.7
	Hrs	983	840	994	1221	772	791	746	1177	662	773	649	753	10361
	\$	39.1	33.7	38.9	48.0	30.6	31.4	29.6	46.6	26.4	30.8	25.8	30.0	411.1
06 BARGAINING U	Staff	1.2	3.6	3.7	1.5	0.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.9
	Hrs	187	479	478	258	43	0	0	0	0	0	0	0	1445
	\$	5.7	14.7	14.4	7.8	1.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	44.0
19 COMPUTER-HAR		\$	0.0	0.0	0.0	0.0	0.0	0.0	5.0	0.0	0.0	0.0	0.0	5.0
2T TRAVEL & LIV		\$	5.0	5.0	0.0	0.0	5.0	5.0	0.0	5.0	5.0	0.0	0.0	30.0
21 PO CONTRACTS		\$	30.0	40.0	30.0	3.5	3.5	3.5	3.5	15.5	15.5	15.5	15.5	191.5
3R KAISER		\$	0.0	0.0	0.0	0.0	20.0	40.0	30.0	10.0	0.0	0.0	0.0	100.0
4C MPR		\$	6.7	8.7	6.3	0.2	0.2	0.2	2.3	1.3	1.3	1.2	1.2	29.8

7C ORG OVERHEAD	16.0	18.6	19.8	18.2	8.7	7.9	7.0	15.7	6.0	7.0	6.2	6.3	137.3
Total BCWS Staff	8.0	10.4	11.9	9.1	6.2	5.8	5.6	6.9	5.3	5.3	5.1	4.8	7.0
Hrs	1248	1386	1537	1565	887	866	819	1269	731	854	720	841	12723
\$	103.7	121.8	110.5	79.1	70.5	89.2	71.4	101.5	55.3	55.9	49.9	54.4	963.2
Total GA/CSP	26.5	31.1	28.2	20.2	14.6	16.0	13.2	24.2	14.1	14.3	12.7	13.9	228.7
Total with GA/CSP	130.2	152.9	138.7	99.2	85.0	105.2	84.6	125.7	69.4	70.2	62.6	68.2	1191.9

Approval Signatures:

Function Mgr:

/ /

Cap Status

Budgets:

. / /

PBR/SCH:

/ /

R

C.A. Mgr:

/ /

Activity Mgr:

/ /

CA/WBS: 1A2440 MISCELLANEOUS STREAMS Funding Source: 1994 EXPENSE Cap Rev: 03 Cin: SU94REP3 Start Completion
CA Manager: LINDSEY, DW CAP Orig Date : 11/12/93 Budget (K\$): 1640.0 Date Date
Resp Org: 86300 LIQUID EFFLUENT ENGINEERING Budget Analyst: G2 - ALLENDER, CM Phone: 2-2603 10/01/93 09/30/94
GL Index: RBY B & R Number: EW3130020 B & R Title: RICHLAND SOLID/LIQUID WASTE CAP STATUS: R

WORK PACKAGE: 1A24400A GEN ENG SPT TO MISC STREAMS Scope of Work: Revision No: 02
Resp Org: 23120 REMOTE SYSTEMS ENGINEERING GENERAL ENGINEERING SUPPORT TO MISCELLANEOUS
STREAMS Date: 12/02/93
CAP STATUS: R

Task: 1A24400A01 A2FCE ENGINEERING SUPPORT Scope of Work: Revision No: 02
Performing Org: 23120 REMOTE SYSTEMS ENGINEERING PROVIDE GENERAL ENGINEERING SUPPORT TO
E V Method: 5 MODIFIED MILESTONE METHOD MISCELLANEOUS STREAMS Date: 12/02/93
Parent WBS: Cin Num: SU94REP3
Approved By: ----- BROWN, RK 2-0288 Date: / / CAP STATUS: R

Milestones: Narrative
1A2440001 0 09/30/94 COMPLETE PHASE II MISCELLANEOUS STREAM SUPPORT

Cost Elements:

Fiscal Year: 1994	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Total
01 EXEMPT Staff	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1
Hrs	172	146	142	189	157	164	161	202	152	177	155	193	2010
\$	7.3	6.2	6.0	7.9	6.6	6.9	6.8	8.5	6.4	7.4	6.5	8.1	84.6
7C ORG OVERHEAD	3.4	2.9	2.7	3.7	3.0	3.2	3.1	3.9	2.9	3.4	3.0	3.7	38.9
Total BCWS Staff	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1
Hrs	172	146	142	189	157	164	161	202	152	177	155	193	2010
\$	10.7	9.1	8.7	11.6	9.6	10.1	9.9	12.4	9.3	10.8	9.5	11.8	123.5

Total BCWP:

Total Wp	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Total
01 EXEMPT Staff	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1
Hrs	172	146	142	189	157	164	161	202	152	177	155	193	2010
\$	7.3	6.2	6.0	7.9	6.6	6.9	6.8	8.5	6.4	7.4	6.5	8.1	84.6
7C ORG OVERHEAD	3.4	2.9	2.7	3.7	3.0	3.2	3.1	3.9	2.9	3.4	3.0	3.7	38.9
Total BCWS Staff	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1
Hrs	172	146	142	189	157	164	161	202	152	177	155	193	2010
\$	10.7	9.1	8.7	11.6	9.6	10.1	9.9	12.4	9.3	10.8	9.5	11.8	123.5

WORK PACKAGE: 1A24400B MISC. STREAMS - ANALYSIS Scope of Work: Revision No: 02
Resp Org: 12550 ANALYTICAL LABORATORY COORDINA SAMPLE ANALYSIS AND DATA VALIDATION FOR
MISCELLANEOUS STREAMS Date: 12/02/93
CAP STATUS: R

Task: 1A24400B01 A2FAC MISC STREAMS-ANALYSIS
Performing Org: 12510 SAMPLE DATA & LAB ADMINISTRTRN
E V Method: 5 MODIFIED MILESTONE METHOD
Parent WBS:

Scope of Work:
SAMPLE ANALYSIS AND DATA VALIDATION FOR
MISCELLANEOUS STREAMS

Revision No: 02
Date: 12/02/93
Cin Num: SU94REP3
CAP STATUS: R

Approved By: ----- PAETEL, JG

2-2397 Date: / /

Milestones:

Narrative

1A2440005 K 02/18/94 ANALYZE SAMPLES AND VALIDATE RESULTS FOR ANALYSIS STREAMS DEFINED IN TABLE 4 OF DE-91NM-177

Cost Elements:

Fiscal Year: 1994		Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Total
00 NON-EXEMPT	Staff	0.2	0.2	0.2	0.2	0.2	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.1
	Hrs	31	27	26	34	29	30	0	0	0	0	0	0	177
	\$	0.5	0.4	0.4	0.5	0.4	0.5	0.0	0.0	0.0	0.0	0.0	0.0	2.7
01 EXEMPT	Staff	0.2	0.2	0.2	0.2	0.2	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.1
	Hrs	31	27	26	34	29	30	0	0	0	0	0	0	177
	\$	1.1	0.9	0.9	1.1	1.0	1.0	0.0	0.0	0.0	0.0	0.0	0.0	5.9
21 PD CONTRACTS	\$	7.0	7.0	7.1	7.0	7.0	7.0	0.0	0.0	0.0	0.0	0.0	0.0	42.1
5G SAMPLE ANALY	\$	46.0	46.0	46.0	46.0	46.0	46.0	0.0	0.0	0.0	0.0	0.0	0.0	276.0
7C ORG OVERHEAD		0.4	0.3	0.3	0.4	0.3	0.4	0.0	0.0	0.0	0.0	0.0	0.0	2.1
Total BCWS	Staff	0.4	0.4	0.4	0.4	0.4	0.4	0.0	0.0	0.0	0.0	0.0	0.0	0.2
	Hrs	62	54	52	68	58	60	0	0	0	0	0	0	354
	\$	54.9	54.7	54.7	55.1	54.8	54.8	0.0	0.0	0.0	0.0	0.0	0.0	328.9

Total BCWP:

Total Wp		Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Total
00 NON-EXEMPT	Staff	0.2	0.2	0.2	0.2	0.2	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.1
	Hrs	31	27	26	34	29	30	0	0	0	0	0	0	177
	\$	0.5	0.4	0.4	0.5	0.4	0.5	0.0	0.0	0.0	0.0	0.0	0.0	2.7
01 EXEMPT	Staff	0.2	0.2	0.2	0.2	0.2	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.1
	Hrs	31	27	26	34	29	30	0	0	0	0	0	0	177
	\$	1.1	0.9	0.9	1.1	1.0	1.0	0.0	0.0	0.0	0.0	0.0	0.0	5.9
21 PO CONTRACTS	\$	7.0	7.0	7.1	7.0	7.0	7.0	0.0	0.0	0.0	0.0	0.0	0.0	42.1
5G SAMPLE ANALY	\$	46.0	46.0	46.0	46.0	46.0	46.0	0.0	0.0	0.0	0.0	0.0	0.0	276.0
7C ORG OVERHEAD		0.4	0.3	0.3	0.4	0.3	0.4	0.0	0.0	0.0	0.0	0.0	0.0	2.1
Total BCWS	Staff	0.4	0.4	0.4	0.4	0.4	0.4	0.0	0.0	0.0	0.0	0.0	0.0	0.2
	Hrs	62	54	52	68	58	60	0	0	0	0	0	0	354
	\$	54.9	54.7	54.7	55.1	54.8	54.8	0.0	0.0	0.0	0.0	0.0	0.0	328.9

WORK PACKAGE: 1A24400C MISC. STREAMS - OVERSIGHT
Resp Org: 12520 TECHNICAL & QUALITY OVERSIGHT

Scope of Work:
VALIDATION/ASSESSMENTS SUPPORT TO MISCELLANEOUS
STREAMS

Revision No: 02
Date: 12/02/93

CAP STATUS: R

Task: 1A24400C01 A2FBC MISC STREAMS-OVERSIGHT
Performing Org: 12520 TECHNICAL & QUALITY OVERSIGHT
E V Method: 2 PERCENT COMPLETE METHOD
Parent WBS:

Scope of Work:
VALIDATION ASSESSMENTS SUPPORT TO MISCELLANEOUS
STREAMS

Revision No: 02
Date: 12/02/93
Cin Num: SU94REP3
CAP STATUS: R

Approved By: ----- POOL, KN 2-2557 Date: / /

Cost Elements:

Fiscal Year: 1994		Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Total
01 EXEMPT	Staff	0.5	0.5	0.5	0.5	0.5	0.5	0.0	0.0	0.0	0.0	0.0	0.0	0.3
	Hrs	78	67	65	86	72	75	0	0	0	0	0	0	443
	\$	2.6	2.3	2.2	2.9	2.4	2.5	0.0	0.0	0.0	0.0	0.0	0.0	14.9
2T TRAVEL & LIV	\$	0.0	0.0	8.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	8.5
7C ORG OVERHEAD		0.6	0.6	0.5	0.7	0.6	0.6	0.0	0.0	0.0	0.0	0.0	0.0	3.6
Total BCWS	Staff	0.5	0.5	0.5	0.5	0.5	0.5	0.0	0.0	0.0	0.0	0.0	0.0	0.3
	Hrs	78	67	65	86	72	75	0	0	0	0	0	0	443
	\$	3.3	2.8	11.2	3.6	3.0	3.1	0.0	0.0	0.0	0.0	0.0	0.0	27.0

Total BCWP: -----

Total Wp		Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Total
01 EXEMPT	Staff	0.5	0.5	0.5	0.5	0.5	0.5	0.0	0.0	0.0	0.0	0.0	0.0	0.3
	Hrs	78	67	65	86	72	75	0	0	0	0	0	0	443
	\$	2.6	2.3	2.2	2.9	2.4	2.5	0.0	0.0	0.0	0.0	0.0	0.0	14.9
2T TRAVEL & LIV	\$	0.0	0.0	8.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	8.5
7C ORG OVERHEAD		0.6	0.6	0.5	0.7	0.6	0.6	0.0	0.0	0.0	0.0	0.0	0.0	3.6
Total BCWS	Staff	0.5	0.5	0.5	0.5	0.5	0.5	0.0	0.0	0.0	0.0	0.0	0.0	0.3
	Hrs	78	67	65	86	72	75	0	0	0	0	0	0	443
	\$	3.3	2.8	11.2	3.6	3.0	3.1	0.0	0.0	0.0	0.0	0.0	0.0	27.0

WORK PACKAGE: 1A24400D MISC. STREAMS - COORDINATION
Resp Org: 12550 ANALYTICAL LABORATORY COORDINA

Scope of Work:
ANALYTICAL COORDINATION SUPPORT TO MISCELLANEOUS
STREAMS

Revision No: 02
Date: 12/02/93

CAP STATUS: R

Task: 1A24400D01 AF2CC MISC STREAMS - COORDINATION
Performing Org: 12550 ANALYTICAL LABORATORY COORDINA
V Method: 4 LEVEL OF EFFORT METHOD
Parent WBS:

Scope of Work:
ANALYTICAL COORDINATION SUPPORT TO MISCELLANEOUS
STREAMS

Revision No: 02
Date: 12/02/93
Cin Num: SU94REP3
CAP STATUS: R

Approved By: ----- KESSNER, JH 2-2586 Date: / /

Fiscal Year: 1994		Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Total
01 EXEMPT	Staff	0.3	0.3	0.3	0.3	0.3	0.3	0.0	0.0	0.0	0.0	0.0	0.0	0.2
	Hrs	47	40	39	52	43	45	0	0	0	0	0	0	266
	\$	1.7	1.5	1.4	1.9	1.6	1.6	0.0	0.0	0.0	0.0	0.0	0.0	9.7
06 BARGAINING U	Staff	0.2	0.3	0.2	0.3	0.2	0.3	0.0	0.0	0.0	0.0	0.0	0.0	0.1
	Hrs	31	40	26	52	29	45	0	0	0	0	0	0	223
	\$	0.9	1.1	0.7	1.4	0.8	1.2	0.0	0.0	0.0	0.0	0.0	0.0	6.1
7C ORG OVERHEAD		0.6	0.6	0.5	0.8	0.6	0.7	0.0	0.0	0.0	0.0	0.0	0.0	3.9
Total BCWS	Staff	0.5	0.6	0.5	0.6	0.5	0.6	0.0	0.0	0.0	0.0	0.0	0.0	0.3
	Hrs	78	80	65	104	72	90	0	0	0	0	0	0	489
	\$	3.2	3.2	2.6	4.1	2.9	3.5	0.0	0.0	0.0	0.0	0.0	0.0	19.6

Total BCWP:

Total Wp		Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Total
01 EXEMPT	Staff	0.3	0.3	0.3	0.3	0.3	0.3	0.0	0.0	0.0	0.0	0.0	0.0	0.2
	Hrs	47	40	39	52	43	45	0	0	0	0	0	0	266
	\$	1.7	1.5	1.4	1.9	1.6	1.6	0.0	0.0	0.0	0.0	0.0	0.0	9.7
06 BARGAINING U	Staff	0.2	0.3	0.2	0.3	0.2	0.3	0.0	0.0	0.0	0.0	0.0	0.0	0.1
	Hrs	31	40	26	52	29	45	0	0	0	0	0	0	223
	\$	0.9	1.1	0.7	1.4	0.8	1.2	0.0	0.0	0.0	0.0	0.0	0.0	6.1
7C ORG OVERHEAD		0.6	0.6	0.5	0.8	0.6	0.7	0.0	0.0	0.0	0.0	0.0	0.0	3.9
Total BCWS	Staff	0.5	0.6	0.5	0.6	0.5	0.6	0.0	0.0	0.0	0.0	0.0	0.0	0.3
	Hrs	78	80	65	104	72	90	0	0	0	0	0	0	489
	\$	3.2	3.2	2.6	4.1	2.9	3.5	0.0	0.0	0.0	0.0	0.0	0.0	19.6

WORK PACKAGE:	1A24400F PROJECT SUPPORT TO MISC STREAM	Scope of Work:	Revision No: 02
Resp Org:	24380 EFFLUENT TREATMENT/LAB PROJECT	PROJECT SUPPORT TO MISCELLANEOUS STREAMS	Date: 12/02/93

CAP STATUS: R

Task:	1A24400F01 A2FCA PROJECT SUPPORT TO MISC STREAM	Scope of Work:	Revision No: 02
Performing Org:	24380 EFFLUENT TREATMENT/LAB PROJECT	PROJECT SUPPORT TO MISCELLANEOUS STREAMS	Date: 12/02/93
E V Method:	5 MODIFIED MILESTONE METHOD		Cin Num: SU94REP3
Parent WBS:			CAP STATUS: R
Approved By:	----- HUGHES, DP	2-2462	Date: / /

Milestones:	Narrative
1A2440002 O 07/31/94 COMPLETE SHORT FORM DATA SHEETS	
1A2440003 O 09/30/94 COMPLETE CONCEPTUAL DESIGN PLAN	

Cost Elements:

[illegible]

Hrs	203	173	168	223	186	194	190	239	180	209	183	228	2376
\$	10.8	9.1	8.8	11.6	14.7	16.1	9.9	12.5	9.4	10.9	9.5	11.9	135.2

Total BCWP: -----

Total Wp		Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Total
Staff		0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
00 NON-EXEMPT	Hrs	31	27	26	34	29	30	29	37	28	32	28	35	366
	\$	0.5	0.4	0.4	0.5	0.5	0.5	0.5	0.6	0.4	0.5	0.4	0.6	5.9
Staff		1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1
01 EXEMPT	Hrs	172	146	142	189	157	164	161	202	152	177	155	193	2010
	\$	6.9	5.8	5.6	7.4	6.2	6.4	6.3	7.9	6.0	7.0	6.1	7.6	79.2
19 COMPUTER-HAR	\$	0.0	0.0	0.0	0.0	5.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	5.0
4V FLEET	\$	0.0	0.0	0.0	0.0	0.0	3.0	0.0	0.0	0.0	0.0	0.0	0.0	3.0
6K BUSINESS SER	\$	0.0	0.0	0.0	0.0	0.0	3.0	0.0	0.0	0.0	0.0	0.0	0.0	3.0
7C ORG OVERHEAD		3.4	2.9	2.8	3.7	3.1	3.2	3.1	3.9	3.0	3.4	3.0	3.7	39.1
Total BCWS	Staff	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3
	Hrs	203	173	168	223	186	194	190	239	180	209	183	228	2376
	\$	10.8	9.1	8.8	11.6	14.7	16.1	9.9	12.5	9.4	10.9	9.5	11.9	135.2

WORK PACKAGE: 1A24400G COST ESTIMATING/SCHEDULING

Scope of Work:

Revision No: 02

Resp Org: 24110 COST ESTIMATING & SCHEDULING

COST ESTIMATING AND SCHEDULING

Date: 12/02/93

CAP STATUS: R

Task: 1A24400G01 A2FCB COST ESTIMATING/SCHEDULING

Scope of Work:

Revision No: 02

Performing Org: 24110 COST ESTIMATING & SCHEDULING

COST ESTIMATING AND SCHEDULING

Date: 12/02/93

E V Method: 4 LEVEL OF EFFORT METHOD

Cin Num: SU94REP3

Parent WBS:

CAP STATUS: R

Approved By: ----- HARRINGTON, PM

6-6138

Date: / /

Cost Elements:

Fiscal Year: 1994		Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Total
Staff		0.0	0.0	0.0	0.0	0.0	0.0	0.3	0.0	0.0	0.0	0.0	0.0	0.0
01 EXEMPT	Hrs	0	0	0	0	0	0	39	0	0	0	0	0	39
	\$	0.0	0.0	0.0	0.0	0.0	0.0	1.4	0.0	0.0	0.0	0.0	0.0	1.4
7C ORG OVERHEAD		0.0	0.0	0.0	0.0	0.0	0.0	0.6	0.0	0.0	0.0	0.0	0.0	0.6
Total BCWS	Staff	0.0	0.0	0.0	0.0	0.0	0.0	0.3	0.0	0.0	0.0	0.0	0.0	0.0
	Hrs	0	0	0	0	0	0	39	0	0	0	0	0	39
	\$	0.0	0.0	0.0	0.0	0.0	0.0	2.0	0.0	0.0	0.0	0.0	0.0	2.0

Total BCWP: -----

Total Wp		Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Total
	Staff	0.0	0.0	0.0	0.0	0.0	0.0	0.3	0.0	0.0	0.0	0.0	0.0	0.0
01 EXEMPT	Hrs	0	0	0	0	0	0	39	0	0	0	0	0	39
	\$	0.0	0.0	0.0	0.0	0.0	0.0	1.4	0.0	0.0	0.0	0.0	0.0	1.4
7C ORG OVERHEAD		0.0	0.0	0.0	0.0	0.0	0.0	0.6	0.0	0.0	0.0	0.0	0.0	0.6
Total BCWS	Staff	0.0	0.0	0.0	0.0	0.0	0.0	0.3	0.0	0.0	0.0	0.0	0.0	0.0
	Hrs	0	0	0	0	0	0	39	0	0	0	0	0	39
	\$	0.0	0.0	0.0	0.0	0.0	0.0	2.0	0.0	0.0	0.0	0.0	0.0	2.0

WORK PACKAGE: 1A2440H DESIGN REVIEW SUPPORT

Scope of Work:

Revision No: 02

Resp Org: 24380 EFFLUENT TREATMENT/LAB PROJECT

DESIGN REVIEW SUPPORT

Date: 12/02/93

CAP STATUS: R

Task: 1A2440H01 A2FCC DESIGN REVIEW SUPPORT

Scope of Work:

Revision No: 02

Performing Org: 24380 EFFLUENT TREATMENT/LAB PROJECT

DESIGN REVIEW SUPPORT

Date: 12/02/93

E V Method: 4 LEVEL OF EFFORT METHOD

Cin Num: SU94REP3

Parent WBS:

CAP STATUS: R

Approved By: ----- HUGHES, DP

2-2462

Date: / /

Cost Elements:

Fiscal Year: 1994		Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Total
3R KAISER	\$	0.0	0.0	5.0	5.0	5.0	5.0	5.0	0.0	0.0	0.0	0.0	0.0	25.0
7C ORG OVERHEAD		0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Total BCWS	Staff	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	Hrs	0	0	0	0	0	0	0	0	0	0	0	0	0
	\$	0.0	0.0	5.0	5.0	5.0	5.0	5.0	0.0	0.0	0.0	0.0	0.0	25.0

Total BCWP: -----

Total Wp		Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Total
3R KAISER	\$	0.0	0.0	5.0	5.0	5.0	5.0	5.0	0.0	0.0	0.0	0.0	0.0	25.0
7C ORG OVERHEAD		0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Total BCWS	Staff	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	Hrs	0	0	0	0	0	0	0	0	0	0	0	0	0
	\$	0.0	0.0	5.0	5.0	5.0	5.0	5.0	0.0	0.0	0.0	0.0	0.0	25.0

WORK PACKAGE: 1A2440J QUALITY ASSURANCE SUPPORT

Scope of Work:

Revision No: 02

Resp Org: 38600 RESTORATION & REMEDIATION QA

QUALITY ASSURANCE SUPPORT

Date: 12/02/93

CAP STATUS: R

Task: 1A24400J01 A2FCD QUALITY ASSURANCE SUPPORT
 Performing Org: 38600 RESTORATION & REMEDIATION QA
 E V Method: 4 LEVEL OF EFFORT METHOD
 Parent WBS:

Scope of Work:
 QUALITY ASSURANCE SUPPORT

Revision No: 02
 Date: 12/02/93
 Cin Num: SU94REP3
 CAP STATUS: R

Approved By: ----- SMITH, ST 2-0169 Date: / /

Cost Elements:

Fiscal Year: 1994	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Total
01 EXEMPT Staff	0.0	0.0	0.0	0.0	0.0	0.0	0.3	0.0	0.0	0.0	0.0	0.0	0.0
Hrs	0	0	0	0	0	0	39	0	0	0	0	0	39
\$	0.0	0.0	0.0	0.0	0.0	0.0	1.5	0.0	0.0	0.0	0.0	0.0	1.5
7C ORG OVERHEAD	0.0	0.0	0.0	0.0	0.0	0.0	0.7	0.0	0.0	0.0	0.0	0.0	0.7
Total BCWS Staff	0.0	0.0	0.0	0.0	0.0	0.0	0.3	0.0	0.0	0.0	0.0	0.0	0.0
Hrs	0	0	0	0	0	0	39	0	0	0	0	0	39
\$	0.0	0.0	0.0	0.0	0.0	0.0	2.1	0.0	0.0	0.0	0.0	0.0	2.1

Total BCWP: -----

Total Wp	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Total
01 EXEMPT Staff	0.0	0.0	0.0	0.0	0.0	0.0	0.3	0.0	0.0	0.0	0.0	0.0	0.0
Hrs	0	0	0	0	0	0	39	0	0	0	0	0	39
\$	0.0	0.0	0.0	0.0	0.0	0.0	1.5	0.0	0.0	0.0	0.0	0.0	1.5
7C ORG OVERHEAD	0.0	0.0	0.0	0.0	0.0	0.0	0.7	0.0	0.0	0.0	0.0	0.0	0.7
Total BCWS Staff	0.0	0.0	0.0	0.0	0.0	0.0	0.3	0.0	0.0	0.0	0.0	0.0	0.0
Hrs	0	0	0	0	0	0	39	0	0	0	0	0	39
\$	0.0	0.0	0.0	0.0	0.0	0.0	2.1	0.0	0.0	0.0	0.0	0.0	2.1

WORK PACKAGE: 1A24400K WASTE TANK SAFETY
 Resp Org: 39500 WASTE TANK SAFETY ASSURANCE

Scope of Work:
 WASTE TANK SAFETY ASSURANCE

Revision No: 02
 Date: 12/02/93

CAP STATUS: R

Task: 1A24400K01 A2FCW WASTE TANK SAFETY ASSURANCE
 Performing Org: 39500 WASTE TANK SAFETY ASSURANCE
 E V Method: 4 LEVEL OF EFFORT METHOD
 Parent WBS:

Scope of Work:
 WASTE TANK SAFETY ASSURANCE

Revision No: 02
 Date: 12/02/93
 Cin Num: SU94REP3
 CAP STATUS: R

Approved By: ----- ISLAM, MN 2-3971 Date: / /

Cost Elements:

Fiscal Year: 1994	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Total
01 EXEMPT Staff	0.0	0.0	0.0	0.0	0.0	0.0	0.8	0.0	0.0	0.0	0.0	0.0	0.1
Hrs	0	0	0	0	0	0	119	0	0	0	0	0	119
\$	0.0	0.0	0.0	0.0	0.0	0.0	4.9	0.0	0.0	0.0	0.0	0.0	4.9
7C ORG OVERHEAD	0.0	0.0	0.0	0.0	0.0	0.0	2.4	0.0	0.0	0.0	0.0	0.0	2.4
Total BCWS Staff	0.0	0.0	0.0	0.0	0.0	0.0	0.8	0.0	0.0	0.0	0.0	0.0	0.1
Hrs	0	0	0	0	0	0	119	0	0	0	0	0	119

\$ 0.0 0.0 0.0 0.0 0.0 0.0 0.0 7.3 0.0 0.0 0.0 0.0 0.0 7.3

Total BCWP: -----

Total Wp		Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Total
	Staff	0.0	0.0	0.0	0.0	0.0	0.0	0.8	0.0	0.0	0.0	0.0	0.0	0.1
01 EXEMPT	Hrs	0	0	0	0	0	0	119	0	0	0	0	0	119
	\$	0.0	0.0	0.0	0.0	0.0	0.0	4.9	0.0	0.0	0.0	0.0	0.0	4.9
7C ORG OVERHEAD		0.0	0.0	0.0	0.0	0.0	0.0	2.4	0.0	0.0	0.0	0.0	0.0	2.4
Total BCWS	Staff	0.0	0.0	0.0	0.0	0.0	0.0	0.8	0.0	0.0	0.0	0.0	0.0	0.1
	Hrs	0	0	0	0	0	0	119	0	0	0	0	0	119
	\$	0.0	0.0	0.0	0.0	0.0	0.0	7.3	0.0	0.0	0.0	0.0	0.0	7.3

WORK PACKAGE: 1A24400M ENGINEERING STUDY SUPPORT
Resp Org: 24380 EFFLUENT TREATMENT/LAB PROJECT

Scope of Work:
ENGINEERING STUDY SUPPORT

Revision No: 02
Date: 12/02/93

CAP STATUS: R

Task: 1A24400M01 A2FCF ENGINEERING STUDY SUPPORT
Performing Org: 24380 EFFLUENT TREATMENT/LAB PROJECT
E V Method: 5 MODIFIED MILESTONE METHOD
Parent WBS:
Approved By: ----- HUGHES, DP

Scope of Work:
ENGINEERING STUDY SUPPORT-KEH

Revision No: 02
Date: 12/02/93
Cin Num: SU94REP3
CAP STATUS: R

2-2462 Date: / /

Milestones: Narrative
1A2440004 0 05/31/94 COMPLETE ENGINEERING STUDY

Cost Elements:

Fiscal Year: 1994		Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Total
3R KAISER	\$	0.0	0.0	10.0	40.0	50.0	50.0	50.0	50.0	40.0	0.0	0.0	0.0	290.0
7C ORG OVERHEAD		0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Total BCWS	Staff	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	Hrs	0	0	0	0	0	0	0	0	0	0	0	0	0
	\$	0.0	0.0	10.0	40.0	50.0	50.0	50.0	50.0	40.0	0.0	0.0	0.0	290.0

Total BCWP: -----

Total Wp		Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Total
3R KAISER	\$	0.0	0.0	10.0	40.0	50.0	50.0	50.0	50.0	40.0	0.0	0.0	0.0	290.0
7C ORG OVERHEAD		0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Total BCWS	Staff	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	Hrs	0	0	0	0	0	0	0	0	0	0	0	0	0
	\$	0.0	0.0	10.0	40.0	50.0	50.0	50.0	50.0	40.0	0.0	0.0	0.0	290.0

WORK PACKAGE: 1A24400N SYSTEM ENG SUPPORT/MS
Resp Org: 86300 LIQUID EFFLUENT ENGINEERING

Scope of Work:
SYSTEM ENGINEERING SUPPORT TO MISCELLANEOUS
STREAMS

Revision No: 02
Date: 12/02/93

CAP STATUS: R

Task: 1A24400N01 A24N1 SYSTEM ENG SUPPORT/MS
Performing Org: 86300 LIQUID EFFLUENT ENGINEERING
E V Method: 4 LEVEL OF EFFORT METHOD
Parent WBS:

Scope of Work:
SYSTEMS ENGINEERING SUPPORT TO MISCELLANEOUS
STREAMS

Revision No: 02
Date: 12/02/93
Cin Num: SU94REP3
CAP STATUS: R

Approved By: ----- LINDSEY, DW 2-3087 Date: / /

Cost Elements:

Fiscal Year: 1994		Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Total
	Staff	0.0	0.0	0.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	2.3
01 EXEMPT	Hrs	0	0	0	516	429	447	438	552	414	483	423	525	4227
	\$	0.0	0.0	0.0	20.6	17.1	17.8	17.5	22.0	16.5	19.2	16.9	20.9	168.5
21 PO CONTRACTS	\$	0.0	0.0	0.0	35.3	35.3	35.3	35.3	35.3	35.3	35.3	35.3	38.2	320.6
7C ORG OVERHEAD		0.0	0.0	0.0	4.1	3.4	3.6	3.5	4.4	3.3	3.9	3.4	4.2	33.7
Total BCWS	Staff	0.0	0.0	0.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	2.3
	Hrs	0	0	0	516	429	447	438	552	414	483	423	525	4227
	\$	0.0	0.0	0.0	60.0	55.8	56.7	56.2	61.7	55.1	58.4	55.5	63.3	522.7

Total BCWP: -----

Total Wp		Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Total
	Staff	0.0	0.0	0.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	2.3
01 EXEMPT	Hrs	0	0	0	516	429	447	438	552	414	483	423	525	4227
	\$	0.0	0.0	0.0	20.6	17.1	17.8	17.5	22.0	16.5	19.2	16.9	20.9	168.5
21 PO CONTRACTS	\$	0.0	0.0	0.0	35.3	35.3	35.3	35.3	35.3	35.3	35.3	35.3	38.2	320.6
7C ORG OVERHEAD		0.0	0.0	0.0	4.1	3.4	3.6	3.5	4.4	3.3	3.9	3.4	4.2	33.7
Total BCWS	Staff	0.0	0.0	0.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	2.3
	Hrs	0	0	0	516	429	447	438	552	414	483	423	525	4227
	\$	0.0	0.0	0.0	60.0	55.8	56.7	56.2	61.7	55.1	58.4	55.5	63.3	522.7

WORK PACKAGE: 1A24400P SAMPLING
Resp Org: 12900 SMPLNG & SPEC ANALYTICAL SERV

Scope of Work:
FIELD ANALYTICAL SERVICES TO PROVIDE SUPPORT TO
THE MANAGEMENT OF THESE ACTIVITIES

Revision No: 03
Date: 12/02/93

CAP STATUS: R

Task: 1A24400P01 A2FCO SAMPLING SUPPORT
Performing Org: 12900 SMPLNG & SPEC ANALYTICAL SERV
E V Method: 4 LEVEL OF EFFORT METHOD
Parent WBS:

Scope of Work:
PROVIDE ADMINISTRATIVE SUPPORT TO SAMPLING
ACTIVITIES (CH.5/CMB.5/RM.3/SB.3/YW.3)

Revision No: 03
Date: 12/02/93
Cin Num: SU94REP3
CAP STATUS: R

Approved By: ----- MEZNARICH, RA(ACTING) 3-1124 Date: / /

Cost Elements:

[illegible]

Total BCWP:

Task: 1A24400P02 A2FC3 SAMPLING ACTIVITIES
Performing Org: 12910 SAMPLING AND MOBILE LABS
E V Method: 2 PERCENT COMPLETE METHOD

Scope of Work:
 PROVIDE PROCEDURES AND OTHER RESOURCES REQUIRED TO
 SAMPLE 11 STREAMS DEFINED IN TABLE 4 OF CONSENT
 ORDER DE-91N-M-177 (JH.3)

Revision No: 03
Date: 12/02/93
Cin Num: SU94REP3
CAP STATUS: R

Parent WBS:

Approved By: ----- MEZNARICH, RA

3-1124 Date: / /

Milestones:

Narrative

1A2440022 0 01/11/93 SAMPLE UP TO 11 EFFLUENT STREAMS AS DEFINED IN TABLE 4 OF DE-91NM-177

Cost Elements:

Fiscal Year: 1994		Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Total
00 NON-EXEMPT	Staff	0.0	0.0	5.0	5.0	3.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.1
	Hrs	0	0	645	860	429	0	0	0	0	0	0	0	1934
	\$	0.0	0.0	15.1	20.1	10.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	45.1
01 EXEMPT	Staff	0.0	0.0	0.3	0.3	0.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1
	Hrs	0	0	39	52	43	0	0	0	0	0	0	0	134
	\$	0.0	0.0	1.2	1.6	1.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	4.1
02 NE OVERTIME	Hrs	0	0	97	97	97	0	0	0	0	0	0	0	291
	\$	0.0	0.0	3.6	3.6	3.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	10.7
10 MATL & EQUIP	\$	0.0	0.0	5.0	5.0	5.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	15.0
4C MPR	\$	0.0	0.0	0.8	0.8	0.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.4
01 TRNG-SAFE&EN	\$	0.0	0.0	0.5	0.5	0.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.5
7C ORG OVERHEAD		0.0	0.0	4.9	6.2	3.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	14.7
Total BCWS	Staff	0.0	0.0	5.3	5.3	3.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.2

2T TRAVEL & LIV	\$	0.0	0.0	8.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	8.5
21 PO CONTRACTS	\$	7.0	7.0	7.1	42.3	42.3	42.3	35.3	35.3	35.3	35.3	35.3	38.2	362.7
3R KAISER	\$	0.0	0.0	15.0	45.0	55.0	55.0	55.0	50.0	40.0	0.0	0.0	0.0	315.0
4C MPR	\$	0.0	0.0	0.9	0.8	0.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.5
4V FLEET	\$	0.0	0.0	0.0	0.0	0.0	3.0	0.0	0.0	0.0	0.0	0.0	0.0	3.0
41 TRNG-SAFE&EN	\$	0.0	0.0	0.5	0.5	0.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.5
5G SAMPLE ANALY	\$	46.0	46.0	46.0	46.0	46.0	46.0	0.0	0.0	0.0	0.0	0.0	0.0	276.0
6K BUSINESS SER	\$	0.0	0.0	0.0	0.0	0.0	3.0	0.0	0.0	0.0	0.0	0.0	0.0	3.0
7C ORG OVERHEAD		9.1	7.8	14.0	22.6	17.2	12.2	13.4	12.2	9.2	10.7	9.4	11.7	149.4
Total BCWS Staff		4.3	4.4	11.5	14.6	12.5	7.4	6.8	5.4	5.4	5.4	5.4	5.4	7.4
Hrs		671	587	1583	2608	1887	1105	986	993	746	869	761	946	13742
\$		86.2	81.8	144.0	244.3	233.5	202.4	142.5	136.5	113.8	80.1	74.6	87.0	1626.8
Total GA/CSP		22.0	20.9	34.2	54.7	50.3	42.3	27.0	26.4	22.3	20.4	19.0	22.2	361.6
Total with GA/CSP		108.1	102.6	178.1	299.0	283.8	244.8	169.5	162.9	136.0	100.6	93.6	109.2	1988.4

Approval Signatures:

Function Mgr:

/ /

Cap Status

Budgets:

/ /

PBR/SCH:

/ /

R

C.A. Mgr:

/ /

Activity Mgr:

/ /

CA/WBS: 1A2450 TREATABILITY LABORATORY Funding Source: 1994 EXPENSE Cap Rev: 01 Cin: SU94REP3 Start Completion
CA Manager: SCHLIEBE, MJ CAP Orig Date : 11/12/93 Budget (K\$): 1289.1 Date Date
Resp Org: 12130 CHEMICAL ENGINEERING Budget Analyst: J1 - MAINE, DR Phone: 3-7176 10/01/93 09/30/94
GL Index: RBY B & R Number: EW3130020 B & R Title: RICHLAND SOLID/LIQUID WASTE CAP STATUS: R

WORK PACKAGE: 1A245001 TREAT. TEST. PROJ/PERM. MNGMT. Scope of Work: Revision No: 01
Resp Org: 12100 PROCESS LABORATORIES/TECHNOLGY TREAT. TEST. PROJ/PERM. MNGMT. Date: 12/02/93

CAP STATUS: R

Task: 1A24500100 A2C1C TREAT. TEST PROJ/PERM. MNGMT. Scope of Work: Revision No: 01
Performing Org: 12100 PROCESS LABORATORIES/TECHNOLGY GENERAL PROJECT MANAGEMENT FOR C-018 TESTING AND S Date: 12/02/93
E V Method: 4 LEVEL OF EFFORT METHOD TART UP SUPPORT. Cin Num: SU94REP3
Parent WBS: CAP STATUS: R
Approved By: ----- SLOUGHTER, JP 3-1013 Date: / /

Cost Elements:

Fiscal Year: 1994		Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Total
01 EXEMPT	Staff	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3
	Hrs	47	40	39	52	43	45	44	55	41	48	42	53	549
	\$	1.9	1.6	1.6	2.1	1.7	1.8	1.8	2.2	1.7	1.9	1.7	2.1	22.2
7C ORG OVERHEAD		0.5	0.4	0.4	0.5	0.4	0.4	0.4	0.5	0.4	0.5	0.4	0.5	5.4
Total BCWS	Staff	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3
	Hrs	47	40	39	52	43	45	44	55	41	48	42	53	549
	\$	2.4	2.0	2.0	2.6	2.2	2.3	2.2	2.8	2.1	2.4	2.1	2.7	27.6

Total BCWP:

Task: 1A24500101 A2C2C TREAT. TEST PROJ/PERM. MNGMT. Scope of Work: Revision No: 01
Performing Org: 12140 ENGNRNG/ENVRNMNTL DEMONSTRATN MANAGE RD AND D PERMIT COMPLIANCE. Date: 12/02/93
E V Method: 4 LEVEL OF EFFORT METHOD Cin Num: SU94REP3
Parent WBS: CAP STATUS: R
Approved By: ----- EMORY, BB 3-4927 Date: / /

Cost Elements:

Fiscal Year: 1994		Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Total
01 EXEMPT	Staff	0.0	0.0	0.0	0.0	0.0	0.2	0.3	0.5	1.0	1.0	1.0	1.0	0.4
	Hrs	0	0	0	0	0	30	44	92	138	161	141	175	781
	\$	0.0	0.0	0.0	0.0	0.0	1.2	1.8	3.7	5.6	6.5	5.7	7.1	31.5
7C ORG OVERHEAD		0.0	0.0	0.0	0.0	0.0	0.3	0.4	0.9	1.4	1.6	1.4	1.7	7.7
Total BCWS	Staff	0.0	0.0	0.0	0.0	0.0	0.2	0.3	0.5	1.0	1.0	1.0	1.0	0.4
	Hrs	0	0	0	0	0	30	44	92	138	161	141	175	781
	\$	0.0	0.0	0.0	0.0	0.0	1.5	2.2	4.6	6.9	8.1	7.1	8.8	39.2

Total BCWP:

Total Wp		Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Total
Staff		0.3	0.3	0.3	0.3	0.3	0.5	0.6	0.8	1.3	1.3	1.3	1.3	0.7

01 EXEMPT	Hrs	47	40	39	52	43	75	88	147	179	209	183	228	1330
	\$	1.9	1.6	1.6	2.1	1.7	3.0	3.6	5.9	7.2	8.4	7.4	9.2	53.7
7C ORG OVERHEAD		0.5	0.4	0.4	0.5	0.4	0.7	0.9	1.5	1.8	2.1	1.8	2.3	13.2
Total BCWS	Staff	0.3	0.3	0.3	0.3	0.3	0.5	0.6	0.8	1.3	1.3	1.3	1.3	0.7
	Hrs	47	40	39	52	43	75	88	147	179	209	183	228	1330
	\$	2.4	2.0	2.0	2.6	2.2	3.8	4.4	7.4	9.0	10.5	9.2	11.5	66.9

WORK PACKAGE: 1A245002 PREPARE 1706KEL PILOT PLANT
Resp Org: 12140 ENGNRNG/ENVRNMNTL DEMONSTRATN

Scope of Work:
PREPARE 1706KEL PILOT PLANT

Revision No: 01
Date: 12/02/93

CAP STATUS: R

Task: 1A24500200 A2C98 PREPARE 1706KE PILOT PLANT
Performing Org: 12140 ENGNRNG/ENVRNMNTL DEMONSTRATN
E V Method: 5 MODIFIED MILESTONE METHOD
Parent WBS:

Scope of Work:
PREPARE DOCUMENTATION, POLICIES, PROCEDURES, SUPPO
RTING PILOT PLANT INSTALLATION AND READINESS.

Revision No: 01
Date: 12/02/93
Cin Num: SU94REP3
CAP STATUS: R

Approved By: ----- EMORY, BB

3-4927 Date: / /

Milestones:

Narrative

01 R 04/15/94 PILOT PLANT READINESS GROUP DECLARES READINESS LEP-94-008

02 O 03/31/94 ALL EQUIPMENT INSTALLATION COMPLETE

Cost Elements:

Fiscal Year: 1994		Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Total
00 NON-EXEMPT	Staff	1.5	1.5	2.0	2.0	2.0	2.0	2.0	0.0	0.0	0.0	0.0	0.0	1.1
	Hrs	234	200	258	344	286	298	292	0	0	0	0	0	1912
	\$	5.8	4.9	6.2	8.3	6.9	7.2	7.1	0.0	0.0	0.0	0.0	0.0	46.4
01 EXEMPT	Staff	1.5	1.5	2.0	2.0	2.0	2.0	2.0	0.0	0.0	0.0	0.0	0.0	1.1
	Hrs	234	200	258	344	286	298	292	0	0	0	0	0	1912
	\$	9.6	8.2	10.4	13.9	11.5	12.0	11.8	0.0	0.0	0.0	0.0	0.0	77.4
10 MATL & EQUIP	\$	0.0	0.0	50.0	50.0	8.0	4.0	3.7	3.6	0.0	0.0	0.0	0.0	119.3
4C MPR	\$	0.0	10.0	10.0	1.6	0.8	0.4	0.8	0.5	0.0	0.0	0.0	0.0	24.1
7C ORG OVERHEAD		3.8	3.2	4.1	5.4	4.5	4.7	4.6	0.0	0.0	0.0	0.0	0.0	30.3
Total BCWS	Staff	3.0	3.0	4.0	4.0	4.0	4.0	4.0	0.0	0.0	0.0	0.0	0.0	2.2
	Hrs	468	400	516	688	572	596	584	0	0	0	0	0	3824
	\$	19.1	26.3	80.7	79.2	31.8	28.3	28.0	4.1	0.0	0.0	0.0	0.0	297.6

Total BCWP: -----

Task: 1A24500201 A2C97 PREPARE 1706KE PILOT PLANT
Performing Org: 12130 CHEMICAL ENGINEERING
E V Method: 5 MODIFIED MILESTONE METHOD
Parent WBS:

Scope of Work:
MOVE PLACE PLANT EQUIPMENT IN 1706KE

Revision No: 01
Date: 12/02/93
Cin Num: SU94REP3
CAP STATUS: R

Approved By: ----- SCHLIEBE, MJ

3-4454 Date: / /

Milestones:

Narrative

01 R 01/28/94 UNIT OPERATIONS EQUIPMENT TRANSFERRED TO 1706KEL PILOT PLANT LEP-94-009

Cost Elements:

Fiscal Year: 1994		Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Total
Staff		0.0	1.0	1.0	1.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.3
00 NON-EXEMPT	Hrs	0	133	129	172	0	0	0	0	0	0	0	0	434
	\$	0.0	3.3	3.1	4.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	10.6
Staff		0.0	0.3	0.3	0.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1
01 EXEMPT	Hrs	0	40	39	52	0	0	0	0	0	0	0	0	131
	\$	0.0	1.6	1.6	2.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	5.3
10 MATL & EQUIP	\$	2.0	3.0	3.0	1.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	9.0
4C MPR	\$	0.5	0.5	0.5	0.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.8
7C ORG OVERHEAD		0.0	1.2	1.2	1.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	3.9
Total BCWS	Staff	0.0	1.3	1.3	1.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.3
	Hrs	0	173	168	224	0	0	0	0	0	0	0	0	565
	\$	2.5	9.6	9.3	9.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	30.5

Total BCWP:

Task: 1A24500202 A2C96 PREPARE 1706KE PILOT PLANT

Scope of Work:

Revision No: 01

Performing Org: 33910 100 AREA FACILITIES HP

PROVIDE HPT SUPPORT FORC-018 PILOT PLANT INSTALLAT

Date: 12/02/93

E V Method: 4 LEVEL OF EFFORT METHOD

ION

Cin Num: SU94REP3

Parent WBS:

CAP STATUS: R

Approved By: ----- KAVIANI, M

3-2255

Date: / /

Cost Elements:

Fiscal Year: 1994		Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Total
Staff		0.0	0.1	0.1	0.1	0.1	0.1	0.1	0.0	0.0	0.0	0.0	0.0	0.1
01 EXEMPT	Hrs	0	13	13	17	14	15	15	0	0	0	0	0	87
	\$	0.0	0.5	0.5	0.6	0.5	0.5	0.5	0.0	0.0	0.0	0.0	0.0	3.1
Staff		0.0	0.5	0.5	0.5	0.5	0.5	0.5	0.0	0.0	0.0	0.0	0.0	0.3
06 BARGAINING U	Hrs	0	67	65	86	72	75	73	0	0	0	0	0	438
	\$	0.0	1.9	1.8	2.4	2.0	2.1	2.1	0.0	0.0	0.0	0.0	0.0	12.3
07 BU OVERTIME	Hrs	0	20	20	20	20	20	20	0	0	0	0	0	120
	\$	0.0	1.0	1.0	1.0	1.0	1.0	1.0	0.0	0.0	0.0	0.0	0.0	5.9
7C ORG OVERHEAD		0.0	1.3	1.2	1.5	1.3	1.4	1.4	0.0	0.0	0.0	0.0	0.0	8.1
Total BCWS	Staff	0.0	0.6	0.6	0.6	0.6	0.6	0.6	0.0	0.0	0.0	0.0	0.0	0.3
	Hrs	0	100	98	123	106	110	108	0	0	0	0	0	645
	\$	0.0	4.6	4.5	5.5	4.8	5.0	5.0	0.0	0.0	0.0	0.0	0.0	29.5

Total BCWP:

Task: 1A24500203 A2C95 PREPARE 1706KE PILOT PLANT
Performing Org: 52510 NORTH GENERAL PURPOSE FAC
E V Method: 4 LEVEL OF EFFORT METHOD
Parent WBS:
Approved By: ----- GONZALES, R

Scope of Work:
 PROVIDE PLANT EQUIPMENT INSTALLATION SUPPORT

3-5766 Date: / /

Revision No: 01
Date: 12/02/93
Cin Num: SU94REP3
CAP STATUS: R

Cost Elements:

Fiscal Year: 1994		Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Total
01 EXEMPT	Staff	0.0	0.1	0.2	0.2	0.1	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.1
	Hrs	0	13	26	34	14	15	0	0	0	0	0	0	102
	\$	0.0	0.5	0.9	1.2	0.5	0.5	0.0	0.0	0.0	0.0	0.0	0.0	3.6
06 BARGAINING U	Staff	0.0	1.0	1.5	1.5	1.5	1.5	0.0	0.0	0.0	0.0	0.0	0.0	0.6
	Hrs	0	133	194	258	215	224	0	0	0	0	0	0	1024
	\$	0.0	3.7	5.4	7.2	6.0	6.2	0.0	0.0	0.0	0.0	0.0	0.0	28.4
7C ORG OVERHEAD		0.0	1.8	2.6	3.5	2.7	2.8	0.0	0.0	0.0	0.0	0.0	0.0	13.4
Total BCWS	Staff	0.0	1.1	1.7	1.7	1.6	1.6	0.0	0.0	0.0	0.0	0.0	0.0	0.6
	Hrs	0	146	220	292	229	239	0	0	0	0	0	0	1126
	\$	0.0	6.0	8.9	11.8	9.2	9.6	0.0	0.0	0.0	0.0	0.0	0.0	45.5

Total BCWP:

Task: 1A24500204 A2C94 PREPARE 1706KE PILOT PLANT
Performing Org: 52520 CARPENTER/PAINTER/SIGN PAINTER
E V Method: 4 LEVEL OF EFFORT METHOD
Parent WBS:
Approved By: ----- DANIEL, AD

Scope of Work:
PROVIDE PLANT EQUIPMENT INSTALLATION SUPPORT

3-2636 Date: / /

Revision No: 01
Date: 12/02/93
Cin Num: SU94REP3
CAP STATUS: R

Cost Elements:

Fiscal Year: 1994		Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Total
01 EXEMPT	Staff	0.0	0.0	0.1	0.1	0.1	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	Hrs	0	0	13	17	14	15	0	0	0	0	0	0	59
	\$	0.0	0.0	0.5	0.6	0.5	0.5	0.0	0.0	0.0	0.0	0.0	0.0	2.1
06 BARGAINING U	Staff	0.0	0.0	5.0	5.0	5.0	5.0	0.0	0.0	0.0	0.0	0.0	0.0	1.7
	Hrs	0	0	645	860	715	745	0	0	0	0	0	0	2965
	\$	0.0	0.0	17.9	23.8	19.8	20.6	0.0	0.0	0.0	0.0	0.0	0.0	82.2
7C ORG OVERHEAD		0.0	0.0	7.7	10.3	8.5	8.9	0.0	0.0	0.0	0.0	0.0	0.0	35.4
Total BCWS	Staff	0.0	0.0	5.1	5.1	5.1	5.1	0.0	0.0	0.0	0.0	0.0	0.0	1.7
	Hrs	0	0	658	877	729	760	0	0	0	0	0	0	3024
	\$	0.0	0.0	26.0	34.7	28.8	30.1	0.0	0.0	0.0	0.0	0.0	0.0	119.6

Total BCWP:

Total Wp		Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Total
00 NON-EXEMPT	Staff	1.5	2.5	3.0	3.0	2.0	2.0	2.0	0.0	0.0	0.0	0.0	0.0	1.3
	Hrs	234	333	387	516	286	298	292	0	0	0	0	0	2346
	\$	5.8	8.2	9.4	12.5	6.9	7.2	7.1	0.0	0.0	0.0	0.0	0.0	57.0

01 EXEMPT	Staff	1.5	2.0	2.7	2.7	2.3	2.3	2.1	0.0	0.0	0.0	0.0	0.0	1.3
	Hrs	234	266	349	464	328	343	307	0	0	0	0	0	2291
	\$	9.6	10.8	13.8	18.4	13.0	13.6	12.3	0.0	0.0	0.0	0.0	0.0	91.5
06 BARGAINING U	Staff	0.0	1.5	7.0	7.0	7.0	7.0	0.5	0.0	0.0	0.0	0.0	0.0	2.5
	Hrs	0	200	904	1204	1002	1044	73	0	0	0	0	0	4427
	\$	0.0	5.6	25.1	33.4	27.8	28.9	2.1	0.0	0.0	0.0	0.0	0.0	122.9
07 BU OVERTIME	Hrs	0	20	20	20	20	20	20	0	0	0	0	0	120
	\$	0.0	1.0	1.0	1.0	1.0	1.0	1.0	0.0	0.0	0.0	0.0	0.0	5.9
10 MATL & EQUIP	\$	2.0	3.0	53.0	51.0	8.0	4.0	3.7	3.6	0.0	0.0	0.0	0.0	128.3
4C MPR	\$	0.5	10.5	10.5	1.9	0.8	0.4	0.8	0.5	0.0	0.0	0.0	0.0	25.9
7C ORG OVERHEAD		3.8	7.5	16.8	22.3	17.1	17.8	6.0	0.0	0.0	0.0	0.0	0.0	91.2
Total BCWS	Staff	3.0	6.0	12.7	12.7	11.3	11.3	4.6	0.0	0.0	0.0	0.0	0.0	5.1
	Hrs	468	819	1660	2204	1636	1705	692	0	0	0	0	0	9184
	\$	21.6	46.5	129.5	140.4	74.6	72.9	33.0	4.1	0.0	0.0	0.0	0.0	522.6

WORK PACKAGE: 1A245003 C-018 PILOT PLANT READ. REVIEW Scope of Work:
Resp Org: 12140 ENGNRNG/ENVRNMNTL DEMONSTRATN C-018 PILOT PLANT READ. REVIEW

Revision No: 01
Date: 12/02/93

CAP STATUS: R

Task: 1A24500300 A2C93 C-018 PILOT PLANT READ REVIEW Scope of Work:
Performing Org: 12140 ENGNRNG/ENVRNMNTL DEMONSTRATN C-018 PILOT PLANT READINESS REVIEW
E V Method: 5 MODIFIED MILESTONE METHOD
Parent WBS:
Approved By: ----- EMORY, BB 3-4927 Date: / /

Revision No: 01
Date: 12/02/93
Cin Num: SU94REP3
CAP STATUS: R

Milestones: Narrative
01 0 07/29/94 PILOT PLANT READY FOR HOT TESTING

Cost Elements:

Fiscal Year: 1994		Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Total
01 EXEMPT	Staff	0.5	0.5	0.5	0.5	0.5	0.5	1.0	1.0	0.5	0.5	0.0	0.0	0.5
	Hrs	78	67	65	86	72	75	146	184	69	81	0	0	923
	\$	3.2	2.7	2.6	3.5	2.9	3.0	5.9	7.4	2.8	3.3	0.0	0.0	37.3
7C ORG OVERHEAD		0.8	0.7	0.6	0.9	0.7	0.7	1.4	1.8	0.7	0.8	0.0	0.0	9.1
Total BCWS	Staff	0.5	0.5	0.5	0.5	0.5	0.5	1.0	1.0	0.5	0.5	0.0	0.0	0.5
	Hrs	78	67	65	86	72	75	146	184	69	81	0	0	923
	\$	4.0	3.4	3.3	4.3	3.6	3.8	7.3	9.2	3.5	4.1	0.0	0.0	46.5

Total BCWP: -----

Task: 1A24500301 A2C92 C-018 PILOT PLANT READ REVIEW Scope of Work:
 Performing Org: 12100 PROCESS LABORATORIES/TECHNOLGY RRB SUPPORT FOR C-018 PILOT (WTL) ORR
 E V Method: 4 LEVEL OF EFFORT METHOD
 Parent WBS:
 Approved By: ----- SLOUGHTER, JP 3-1013 Date: / /

Revision No: 01
 Date: 12/02/93
 Cin Num: SU94REP3
 CAP STATUS: R

Cost Elements:

Fiscal Year: 1994		Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Total
01 EXEMPT	Staff	0.3	0.3	0.3	0.3	0.3	1.0	1.0	1.0	0.6	0.5	0.0	0.0	0.5
	Hrs	47	40	39	52	43	149	146	184	83	81	0	0	864
	\$	1.9	1.6	1.6	2.1	1.7	6.0	5.9	7.4	3.3	3.3	0.0	0.0	34.9
7C ORG OVERHEAD		0.5	0.4	0.4	0.5	0.4	1.5	1.4	1.8	0.8	0.8	0.0	0.0	8.6
Total BCWS	Staff	0.3	0.3	0.3	0.3	0.3	1.0	1.0	1.0	0.6	0.5	0.0	0.0	0.5
	Hrs	47	40	39	52	43	149	146	184	83	81	0	0	864
	\$	2.4	2.0	2.0	2.6	2.2	7.5	7.3	9.2	4.2	4.1	0.0	0.0	43.5

Total BCWP: -----

Task: 1A24500302 A2C91 C-018 PILOT PLANT READ REVIEW Scope of Work:
 Performing Org: 86330 LIQUID EFFLUENT SYSTEMS ENGRNG RRB SUPPORT FOR C-018 PILOT (WTL) ORR
 E V Method: 4 LEVEL OF EFFORT METHOD
 Parent WBS:
 Approved By: ----- FLYCKT, DL 2-3142 Date: / /

Revision No: 01
 Date: 12/02/93
 Cin Num: SU94REP3
 CAP STATUS: R

Cost Elements:

Fiscal Year: 1994		Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Total
01 EXEMPT	Staff	0.0	0.0	0.1	0.1	0.1	0.4	0.4	0.4	0.4	0.2	0.0	0.0	0.2
	Hrs	0	0	13	17	14	60	58	74	55	32	0	0	323
	\$	0.0	0.0	0.5	0.7	0.6	2.4	2.3	2.9	2.2	1.3	0.0	0.0	12.9
7C ORG OVERHEAD		0.0	0.0	0.1	0.1	0.1	0.5	0.5	0.6	0.4	0.3	0.0	0.0	2.6
Total BCWS	Staff	0.0	0.0	0.1	0.1	0.1	0.4	0.4	0.4	0.4	0.2	0.0	0.0	0.2
	Hrs	0	0	13	17	14	60	58	74	55	32	0	0	323
	\$	0.0	0.0	0.6	0.8	0.7	2.9	2.8	3.5	2.6	1.5	0.0	0.0	15.4

Total BCWP: -----

Task: 1A24500303 A2C90 C-018 PILOT PLANT READ REVIEW Scope of Work:
 Performing Org: 12130 CHEMICAL ENGINEERING RRB SUPPORT FOR C-018 PILOT (WTL) ORR
 E V Method: 4 LEVEL OF EFFORT METHOD
 Parent WBS:
 Approved By: ----- SCHLIEBE, MJ 3-4454 Date: / /

Revision No: 01
 Date: 12/02/93
 Cin Num: SU94REP3
 CAP STATUS: R

Cost Elements:

Fiscal Year: 1994		Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Total
01 EXEMPT	Staff	0.0	0.0	0.3	0.3	0.3	0.8	0.8	0.8	0.8	0.3	0.0	0.0	0.4
	Hrs	0	0	39	52	43	119	117	147	110	48	0	0	675
	\$	0.0	0.0	1.6	2.1	1.7	4.8	4.7	5.9	4.4	1.9	0.0	0.0	27.2
7C ORG OVERHEAD		0.0	0.0	0.4	0.5	0.4	1.2	1.2	1.5	1.1	0.5	0.0	0.0	6.7

Total BCWS	Staff	0.0	0.0	0.3	0.3	0.3	0.8	0.8	0.8	0.8	0.3	0.0	0.0	0.4
	Hrs	0	0	39	52	43	119	117	147	110	48	0	0	675
	\$	0.0	0.0	2.0	2.6	2.2	6.0	5.9	7.4	5.5	2.4	0.0	0.0	33.9

Total BCWP: -----

Task:	1A24500304 A2C89 C-018 PILOT PLANT READ REVIEW	Scope of Work:	E,S,Q, OVERSIGHT SUPPORT FOR C-018 PILOT PLANT (WT L) ORR	Revision No:	01
Performing Org:	12100 PROCESS LABORATORIES/TECHNOLGY	Date:	12/02/93	Cin Num:	SU94REP3
E V Method:	4 LEVEL OF EFFORT METHOD	Approved By:	----- SLOUGHTER, JP	3-1013	Date: / /
Parent WBS:				CAP STATUS:	R

Cost Elements:

Fiscal Year: 1994		Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Total
01 EXEMPT	Staff	0.0	0.4	0.4	0.4	0.4	1.2	1.2	1.2	1.2	0.2	0.0	0.0	0.6
	Hrs	0	53	52	69	57	179	175	221	166	32	0	0	1004
	\$	0.0	2.2	2.1	2.8	2.3	7.2	7.1	8.9	6.7	1.3	0.0	0.0	40.5
7C ORG OVERHEAD		0.0	0.5	0.5	0.7	0.6	1.8	1.7	2.2	1.6	0.3	0.0	0.0	9.9
Total BCWS	Staff	0.0	0.4	0.4	0.4	0.4	1.2	1.2	1.2	1.2	0.2	0.0	0.0	0.6
	Hrs	0	53	52	69	57	179	175	221	166	32	0	0	1004
	\$	0.0	2.7	2.6	3.5	2.9	9.0	8.8	11.1	8.3	1.6	0.0	0.0	50.5

Total BCWP: -----

Total Wp		Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Total
01 EXEMPT	Staff	0.8	1.2	1.6	1.6	1.6	3.9	4.4	4.4	3.5	1.7	0.0	0.0	2.1
	Hrs	125	160	208	276	229	582	642	810	483	274	0	0	3789
	\$	5.1	6.6	8.4	11.1	9.2	23.4	25.9	32.6	19.5	11.0	0.0	0.0	152.9
7C ORG OVERHEAD		1.3	1.6	2.0	2.7	2.2	5.6	6.2	7.9	4.7	2.6	0.0	0.0	36.9
Total BCWS	Staff	0.8	1.2	1.6	1.6	1.6	3.9	4.4	4.4	3.5	1.7	0.0	0.0	2.1
	Hrs	125	160	208	276	229	582	642	810	483	274	0	0	3789
	\$	6.4	8.2	10.4	13.8	11.5	29.1	32.1	40.5	24.1	13.7	0.0	0.0	189.7

WORK PACKAGE:	1A245004 PILOT PLANT ACTUAL WST TEST	Scope of Work:	PILOT PLANT ACTUAL WST. TEST
Resp Org:	12140 ENGNRNG/ENVRNMNTL DEMONSTRATN		

Revision No:	01
Date:	12/02/93

CAP STATUS: R

Task:	1A24500400 A2C79 PILOT PLANT ACTUAL WST TEST	Scope of Work:	PERFORM VERIFICATION/OPTIMAZATION AND TROUBLE SHOOTING FOR C-018 ETF	Revision No:	01
Performing Org:	12140 ENGNRNG/ENVRNMNTL DEMONSTRATN	Date:	12/02/93	Cin Num:	SU94REP3
E V Method:	5 MODIFIED MILESTONE METHOD	Approved By:	----- EMORY, BB	3-4927	Date: / /
Parent WBS:				CAP STATUS:	R

Milestones:

Narrative

01 0 07/29/94 COMPLETE TEST PLAN FOR TESTING USING LERF FEED

Cost Elements:

Fiscal Year: 1994		Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Total
00 NON-EXEMPT	Staff	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.3	0.7	0.1
	Hrs	0	0	0	0	0	0	0	0	0	0	42	123	165
	\$	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.0	3.0	4.0
01 EXEMPT	Staff	0.0	0.0	0.0	0.0	0.0	0.5	0.5	0.5	0.0	0.0	0.3	1.0	0.2
	Hrs	0	0	0	0	0	75	73	92	0	0	42	175	457
	\$	0.0	0.0	0.0	0.0	0.0	3.0	2.9	3.7	0.0	0.0	1.7	7.1	18.4
10 MATL & EQUIP	\$	0.0	0.0	0.0	0.0	0.0	0.0	0.0	3.0	0.0	0.0	1.8	2.0	6.8
4C MPR	\$	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.6	0.0	0.0	0.3	0.3	1.2
7C ORG OVERHEAD		0.0	0.0	0.0	0.0	0.0	0.7	0.7	0.9	0.0	0.0	0.7	2.5	5.5
Total BCWS	Staff	0.0	0.0	0.0	0.0	0.0	0.5	0.5	0.5	0.0	0.0	0.6	1.7	0.3
	Hrs	0	0	0	0	0	75	73	92	0	0	84	298	622
	\$	0.0	0.0	0.0	0.0	0.0	3.8	3.7	8.2	0.0	0.0	5.5	14.8	35.9

Total BCWP:

Task: 1A24500401 A2C78 PILOT PLANT ACTUAL WST TEST
 Performing Org: 12130 CHEMICAL ENGINEERING
 E V Method: 4 LEVEL OF EFFORT METHOD
 Parent WBS:

Scope of Work:
 SUPPORT VERIFICATION OPTIMIZATION AND TROUBLE SHOOTING TESTING FOR C-018H ETF

Revision No: 01
 Date: 12/02/93
 Cin Num: SU94REP3
 CAP STATUS: R

Approved By: SCHLIEBE, MJ

3-4454 Date: / /

Cost Elements:

Fiscal Year: 1994		Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Total
00 NON-EXEMPT	Staff	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.2	0.0
	Hrs	0	0	0	0	0	0	0	0	0	0	14	35	49
	\$	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.3	0.8	1.2
01 EXEMPT	Staff	0.0	0.0	0.0	0.0	0.0	0.5	0.5	0.5	0.0	0.0	0.1	0.4	0.2
	Hrs	0	0	0	0	0	75	73	92	0	0	14	70	324
	\$	0.0	0.0	0.0	0.0	0.0	3.0	2.9	3.7	0.0	0.0	0.6	2.8	13.1
7C ORG OVERHEAD		0.0	0.0	0.0	0.0	0.0	0.7	0.7	0.9	0.0	0.0	0.2	0.9	3.5
Total BCWS	Staff	0.0	0.0	0.0	0.0	0.0	0.5	0.5	0.5	0.0	0.0	0.2	0.6	0.2
	Hrs	0	0	0	0	0	75	73	92	0	0	28	105	373
	\$	0.0	0.0	0.0	0.0	0.0	3.8	3.7	4.6	0.0	0.0	1.1	4.6	17.7

Total BCWP:

Task: 1A24500402 A2C77 PILOT PLANT ACTUAL WST TEST
 Performing Org: 12120 PLUTONIUM PROCESS SUPPORT
 E V Method: 4 LEVEL OF EFFORT METHOD
 Parent WBS:

Scope of Work:
 PERFORM ION EXCHANGE TESTING FOR VERIFICATION/OPTIMIZATION AND TROUBLESHOOTING OF C-018H ETF

Revision No: 01
 Date: 12/02/93
 Cin Num: SU94REP3
 CAP STATUS: R

Approved By: SUTTER, CS

3-2426 Date: / /

Cost Elements:

Fiscal Year: 1994		Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Total
00 NON-EXEMPT	Staff	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.2	0.0
	Hrs	0	0	0	0	0	0	0	0	0	0	14	35	49
	\$	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.3	0.8	1.2
01 EXEMPT	Staff	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.2	0.0
	Hrs	0	0	0	0	0	0	0	0	0	0	14	35	49
	\$	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.6	1.4	2.0
7C ORG OVERHEAD		0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.2	0.6	0.8
Total BCWS	Staff	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.2	0.4	0.1
	Hrs	0	0	0	0	0	0	0	0	0	0	28	70	98
	\$	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.1	2.8	3.9

Total BCWP: -----

Task: 1A24500403 A2C76 PILOT PLANT ACTUAL WST TEST

Scope of Work:

Revision No: 01

Performing Org: 33910 100 AREA FACILITIES HP

PROVIDE HPTSUPPORT FOR PILOT PLANT (WTL) TESTING

Date: 12/02/93

E V Method: 4 LEVEL OF EFFORT METHOD

Cin Num: SU94REP3

Parent WBS:

CAP STATUS: R

Approved By: ----- KAVIANI, M

3-2255

Date: / /

Cost Elements:

Fiscal Year: 1994		Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Total
01 EXEMPT	Staff	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.0	0.0	0.1	0.1	0.0
	Hrs	0	0	0	0	0	0	0	18	0	0	14	18	50
	\$	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.6	0.0	0.0	0.5	0.6	1.8
06 BARGAINING U	Staff	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.3	0.0	0.0	0.1	0.2	0.1
	Hrs	0	0	0	0	0	0	0	55	0	0	14	35	104
	\$	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.6	0.0	0.0	0.4	1.0	3.0
7C ORG OVERHEAD		0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.8	0.0	0.0	0.3	0.6	1.8
Total BCWS	Staff	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.4	0.0	0.0	0.2	0.3	0.1
	Hrs	0	0	0	0	0	0	0	73	0	0	28	53	154
	\$	0.0	0.0	0.0	0.0	0.0	0.0	0.0	3.1	0.0	0.0	1.2	2.3	6.6

Total BCWP: -----

Task: 1A24500404 A2C71 PILOT PLANT ACTUAL WST TEST

Scope of Work:

Revision No: 01

Performing Org: 52520 CARPENTER/PAINTER/SIGN PAINTER

PROVIDE CRAFT/MAINTENANCE SUPPORT FOR PILOT PLANT (WTL) TESTING

Date: 12/02/93

E V Method: 4 LEVEL OF EFFORT METHOD

Cin Num: SU94REP3

Parent WBS:

CAP STATUS: R

Approved By: ----- DANIEL, AD

3-2636

Date: / /

Cost Elements:

Fiscal Year: 1994		Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Total
01 EXEMPT	Staff	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.0	0.0	0.1	0.1	0.0
	Hrs	0	0	0	0	0	0	0	18	0	0	14	18	50
	\$	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.6	0.0	0.0	0.5	0.6	1.7

	Staff	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.4	0.0	0.0	0.1	0.2	0.1
06 BARGAINING U	Hrs	0	0	0	0	0	0	0	74	0	0	14	35	123
	\$	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.1	0.0	0.0	0.4	1.0	3.5
7C ORG OVERHEAD		0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.2	0.0	0.0	0.4	0.7	2.2
Total BCWS	Staff	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.5	0.0	0.0	0.2	0.3	0.1
	Hrs	0	0	0	0	0	0	0	92	0	0	28	53	173
	\$	0.0	0.0	0.0	0.0	0.0	0.0	0.0	3.9	0.0	0.0	1.3	2.3	7.5

Total BCWP: -----

Task:	1A24500405 A2C70 PILOT PLANT ACTUAL WST TEST	Scope of Work:		Revision No:	01
Performing Org:	7C340 TANK FARMS CRAFT MAINTENANCE	SUPPORT DURING LOAD/UNLOAD OF TANK TRUCKS AT LERF		Date:	12/02/93
E V Method:	4 LEVEL OF EFFORT METHOD			Cin Num:	SU94REP3
Parent WBS:				CAP STATUS:	R
Approved By:	----- Organization Code is inac	Date:	/ /		

Cost Elements:

Fiscal Year: 1994	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Total
Staff	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.0	0.0	0.1	0.1	0.0
01 EXEMPT	Hrs	0	0	0	0	0	0	18	0	0	14	18	50
	\$	0.0	0.0	0.0	0.0	0.0	0.0	0.7	0.0	0.0	0.6	0.7	2.0
Staff	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.5	0.0	0.0	0.1	0.2	0.1
06 BARGAINING U	Hrs	0	0	0	0	0	0	92	0	0	14	35	141
	\$	0.0	0.0	0.0	0.0	0.0	0.0	2.8	0.0	0.0	0.4	1.1	4.3
7C ORG OVERHEAD		0.0	0.0	0.0	0.0	0.0	0.0	0.7	0.0	0.0	0.2	0.3	1.2
Total BCWS	Staff	0.0	0.0	0.0	0.0	0.0	0.0	0.6	0.0	0.0	0.2	0.3	0.1
	Hrs	0	0	0	0	0	0	110	0	0	28	53	191
	\$	0.0	0.0	0.0	0.0	0.0	0.0	4.2	0.0	0.0	1.2	2.1	7.5

Total BCWP: -----

Task:	1A24500406 A2C69 PILOT PLANT ACTUAL WST TEST	Scope of Work:		Revision No:	01
Performing Org:	33312 EAST TANKS DST HEALTH PHYSICS	HPT SUPPORT DURING LOAD/UNLOAD OF TANK TRUCKS AT L		Date:	12/02/93
E V Method:	4 LEVEL OF EFFORT METHOD	ERF		Cin Num:	SU94REP3
Parent WBS:				CAP STATUS:	R
Approved By:	----- CONNERS, LJ	3-3500	Date:	/ /	

Cost Elements:

Fiscal Year: 1994	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Total
Staff	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.0	0.0	0.1	0.1	0.0
01 EXEMPT	Hrs	0	0	0	0	0	0	18	0	0	14	18	50
	\$	0.0	0.0	0.0	0.0	0.0	0.0	0.6	0.0	0.0	0.5	0.6	1.8
Staff	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.5	0.0	0.0	0.1	0.2	0.1
06 BARGAINING U	Hrs	0	0	0	0	0	0	92	0	0	14	35	141
	\$	0.0	0.0	0.0	0.0	0.0	0.0	2.6	0.0	0.0	0.4	1.0	4.1
7C ORG OVERHEAD		0.0	0.0	0.0	0.0	0.0	0.0	1.3	0.0	0.0	0.3	0.6	2.2

Total BCWS	Staff	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.6	0.0	0.0	0.2	0.3	0.1
	Hrs	0	0	0	0	0	0	0	0	110	0	0	28	53	191
	\$	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	4.5	0.0	0.0	1.2	2.3	8.1

Total BCWP:

Total Wp		Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Total
	Staff	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.5	1.1	0.1
00 NON-EXEMPT	Hrs	0	0	0	0	0	0	0	0	0	0	70	193	263
	\$	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.7	4.7	6.4
	Staff	0.0	0.0	0.0	0.0	0.0	1.0	1.0	1.4	0.0	0.0	0.9	2.0	0.5
01 EXEMPT	Hrs	0	0	0	0	0	150	146	256	0	0	126	352	1030
	\$	0.0	0.0	0.0	0.0	0.0	6.1	5.9	10.1	0.0	0.0	4.9	13.9	40.8
	Staff	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.7	0.0	0.0	0.4	0.8	0.2
06 BARGAINING U	Hrs	0	0	0	0	0	0	0	313	0	0	56	140	509
	\$	0.0	0.0	0.0	0.0	0.0	0.0	0.0	9.2	0.0	0.0	1.6	4.1	14.9
10 MATL & EQUIP	\$	0.0	0.0	0.0	0.0	0.0	0.0	0.0	3.0	0.0	0.0	1.8	2.0	6.8
4C MPR	\$	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.6	0.0	0.0	0.3	0.3	1.2
7C ORG OVERHEAD		0.0	0.0	0.0	0.0	0.0	1.5	1.4	5.7	0.0	0.0	2.3	6.2	17.2
	Staff	0.0	0.0	0.0	0.0	0.0	1.0	1.0	3.1	0.0	0.0	1.8	3.9	0.9
	Hrs	0	0	0	0	0	150	146	569	0	0	252	685	1802
	\$	0.0	0.0	0.0	0.0	0.0	7.5	7.3	28.5	0.0	0.0	12.6	31.2	87.2

WORK PACKAGE: 1A245005 LERF FILTRATION TESTING
Resp Org: 12130 CHEMICAL ENGINEERING

Scope of Work:
LERF FILTRATION TESTING

Revision No: 01
Date: 12/02/93

CAP STATUS: R

Task: 1A24500500 A2C68 LERF FILTRATION TESTING
Performing Org: 12130 CHEMICAL ENGINEERING
E V Method: 5 MODIFIED MILESTONE METHOD
Parent WBS:

Scope of Work:
COORDINATE AND CONDUCT LERF FILTRATION TESTING

Revision No: 01
Date: 12/02/93
Cin Num: SU94REP3
CAP STATUS: R

Approved By: SCHLIEBE, MJ 3-4454 Date: / /

Milestones:

Narrative

01 R 04/01/94 FILTRATION EQUIPMENT INSTALLED AT LERF LEP-94-010
02 O 05/13/94 COMPLETE FILTRATION TEST
03 O 08/12/94 ISSUE TEST REPORT

Post Elements:

Fiscal Year: 1994	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Total
Staff	0.5	0.0	0.0	0.0	0.0	0.5	0.5	0.5	0.2	0.2	0.2	0.1	0.2
00 NON-EXEMPT	Hrs	78	0	0	0	75	73	92	28	32	28	18	424

	\$	1.9	0.0	0.0	0.0	0.0	1.8	1.8	2.2	0.7	0.8	0.7	0.4	10.3
01 EXEMPT	Staff	1.0	0.0	0.0	0.0	0.5	1.0	1.0	1.0	0.5	0.5	1.0	0.5	0.6
	Hrs	156	0	0	0	72	149	146	184	69	81	141	88	1086
	\$	6.4	0.0	0.0	0.0	2.9	6.0	5.9	7.4	2.8	3.3	5.7	3.6	43.9
10 MATL & EQUIP	\$	2.0	0.0	0.0	0.0	0.0	0.0	2.0	2.0	2.0	0.0	0.0	0.0	8.0
2T TRAVEL & LIV	\$	3.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	3.0	0.0	0.0	0.0	6.0
3D PNL	\$	0.0	0.0	0.0	0.0	0.0	4.0	0.0	4.0	0.0	4.0	0.0	0.0	12.0
4C MPR	\$	0.4	0.0	0.0	0.0	0.0	0.0	0.4	0.4	0.4	0.0	0.0	0.0	1.6
7C ORG OVERHEAD		2.0	0.0	0.0	0.0	0.7	1.9	1.9	2.4	0.8	1.0	1.6	1.0	13.3
Total BCWS	Staff	1.5	0.0	0.0	0.0	0.5	1.5	1.5	1.5	0.7	0.7	1.2	0.6	0.8
	Hrs	234	0	0	0	72	224	219	276	97	113	169	106	1510
	\$	15.7	0.0	0.0	0.0	3.6	13.7	11.9	18.4	9.7	9.0	7.9	5.0	95.1

Total BCWP: -----

Task: 1A24500501 A2C67 LERF FILTRATION TESTING

Scope of Work:

Revision No: 01

Performing Org: 52510 NORTH GENERAL PURPOSE FAC

1703E MAINTENANCE SUPPORT FOR LERF FILTRATION

Date: 12/02/93

E V Method: 4 LEVEL OF EFFORT METHOD

Cin Num: SU94REP3

Parent WBS:

CAP STATUS: R

Approved By: ----- GONZALES, R

3-5766

Date: / /

Cost Elements:

Fiscal Year: 1994	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Total
00 NON-EXEMPT	Staff	0.0	0.0	0.0	0.0	0.0	0.1	0.0	0.0	0.0	0.0	0.0	0.0
	Hrs	0	0	0	0	0	15	0	0	0	0	0	15
	\$	0.0	0.0	0.0	0.0	0.0	0.2	0.0	0.0	0.0	0.0	0.0	0.2
06 BARGAINING U	Staff	0.0	0.0	0.0	0.0	0.0	0.2	0.0	0.0	0.0	0.0	0.0	0.0
	Hrs	0	0	0	0	0	30	0	0	0	0	0	30
	\$	0.0	0.0	0.0	0.0	0.0	0.8	0.0	0.0	0.0	0.0	0.0	0.8
7C ORG OVERHEAD		0.0	0.0	0.0	0.0	0.0	0.4	0.0	0.0	0.0	0.0	0.0	0.4
Total BCWS	Staff	0.0	0.0	0.0	0.0	0.0	0.3	0.0	0.0	0.0	0.0	0.0	0.0
	Hrs	0	0	0	0	0	45	0	0	0	0	0	45
	\$	0.0	0.0	0.0	0.0	0.0	1.5	0.0	0.0	0.0	0.0	0.0	1.5

Total BCWP: -----

Task: 1A24500502 A2C66 LERF FILTRATION TESTING

Scope of Work:

Revision No: 01

Performing Org: 7C150 EAST FACILITIES

SUPPORT OPERATION OF LERF FILTRATION TESTS, RINSE/

Date: 12/02/93

E V Method: 4 LEVEL OF EFFORT METHOD

DRAIN, AND DECON/DISMANTLE

Cin Num: SU94REP3

Parent WBS:

CAP STATUS: R

Approved By: ----- Organization Code is inac

Date: / /

Cost Elements:

Fiscal Year: 1994		Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Total
01 EXEMPT	Staff	0.0	0.0	0.0	0.0	0.0	0.1	0.0	0.1	0.0	0.0	0.1	0.1	0.0
	Hrs	0	0	0	0	0	15	0	18	0	0	14	18	65
	\$	0.0	0.0	0.0	0.0	0.0	0.6	0.0	0.7	0.0	0.0	0.6	0.7	2.6
06 BARGAINING U	Staff	0.0	0.0	0.0	0.0	0.0	0.3	0.3	0.5	0.0	0.0	1.0	0.5	0.2
	Hrs	0	0	0	0	0	45	44	92	0	0	141	88	410
	\$	0.0	0.0	0.0	0.0	0.0	1.3	1.4	2.8	0.0	0.0	4.3	2.7	12.6
7C ORG OVERHEAD		0.0	0.0	0.0	0.0	0.0	0.4	0.3	0.7	0.0	0.0	0.9	0.6	2.8
Total BCWS	Staff	0.0	0.0	0.0	0.0	0.0	0.4	0.3	0.6	0.0	0.0	1.1	0.6	0.3
	Hrs	0	0	0	0	0	60	44	110	0	0	155	106	475
	\$	0.0	0.0	0.0	0.0	0.0	2.3	1.6	4.2	0.0	0.0	5.8	4.0	17.9

Total BCWP: -----

Task: 1A24500503 A2C63 LERF FILTRATION TESTING

Scope of Work:

Revision No: 01

Performing Org: 7C340 TANK FARMS CRAFT MAINTENANCE

PROVIDEFILTRATION TEST EQUIPMENT MAINTENANCE SUPPO

Date: 12/02/93

E V Method: 4 LEVEL OF EFFORT METHOD

RT

Cin Num: SU94REP3

Parent WBS:

CAP STATUS: R

Approved By: ----- Organization Code is inac Date: / /

Cost Elements:

Fiscal Year: 1994		Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Total
01 EXEMPT	Staff	0.0	0.0	0.0	0.0	0.0	0.1	0.0	0.0	0.0	0.0	0.1	0.1	0.0
	Hrs	0	0	0	0	0	15	0	0	0	0	14	18	47
	\$	0.0	0.0	0.0	0.0	0.0	0.6	0.0	0.0	0.0	0.0	0.6	0.7	1.9
06 BARGAINING U	Staff	0.0	0.0	0.0	0.0	0.0	0.5	0.0	0.0	0.0	0.0	0.5	0.3	0.1
	Hrs	0	0	0	0	0	75	0	0	0	0	71	53	199
	\$	0.0	0.0	0.0	0.0	0.0	2.2	0.0	0.0	0.0	0.0	2.2	1.6	6.0
7C ORG OVERHEAD		0.0	0.0	0.0	0.0	0.0	0.5	0.0	0.0	0.0	0.0	0.5	0.4	1.5
Total BCWS	Staff	0.0	0.0	0.0	0.0	0.0	0.6	0.0	0.0	0.0	0.0	0.6	0.4	0.1
	Hrs	0	0	0	0	0	90	0	0	0	0	85	71	246
	\$	0.0	0.0	0.0	0.0	0.0	3.4	0.0	0.0	0.0	0.0	3.2	2.8	9.4

Total BCWP: -----

Task: 1A24500504 A2C62 LERF FILTRATION TESTING

Scope of Work:

Revision No: 01

Performing Org: 7C310 PRODUCTION MANAGEMENT

PROVIDE PLANNING SUPPORT FOR LERF FILTRATION TEST

Date: 12/02/93

E V Method: 4 LEVEL OF EFFORT METHOD

Cin Num: SU94REP3

Parent WBS:

CAP STATUS: R

Approved By: ----- Organization Code is inac Date: / /

Cost Elements:

Fiscal Year: 1994		Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Total
01 EXEMPT	Staff	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.1	0.0	0.1	0.1	0.0	0.0
	Hrs	0	0	0	0	0	0	15	18	0	16	14	0	63
	\$	0.0	0.0	0.0	0.0	0.0	0.0	0.6	0.7	0.0	0.6	0.6	0.0	2.5

7C ORG OVERHEAD	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.1	0.0	0.1	0.1	0.0	0.5
Total BCWS Staff	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.1	0.0	0.1	0.1	0.0	0.0
Hrs	0	0	0	0	0	0	15	18	0	16	14	0	63
\$	0.0	0.0	0.0	0.0	0.0	0.0	0.7	0.9	0.0	0.8	0.7	0.0	3.0

Total BCWP: -----

Task: 1A24500505 A2C61 LERF FILTRATION TESTING	Scope of Work: PROVIDE HPT COVERAGE FOR LERF FILTRATION TESTS	Revision No: 01
Performing Org: 33312 EAST TANKS DST HEALTH PHYSICS		Date: 12/02/93
E V Method: 4 LEVEL OF EFFORT METHOD		Cin Num: SU94REP3
Parent WBS:		CAP STATUS: R
Approved By: ----- CONNERS, LJ	3-3500	Date: / /

Cost Elements:

Fiscal Year: 1994	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Total
Staff	0.0	0.0	0.0	0.0	0.0	0.1	0.1	0.0	0.0	0.0	0.1	0.1	0.0
01 EXEMPT Hrs	0	0	0	0	0	15	15	0	0	0	14	18	62
\$	0.0	0.0	0.0	0.0	0.0	0.5	0.5	0.0	0.0	0.0	0.5	0.6	2.2
Staff	0.0	0.0	0.0	0.0	0.0	0.3	0.3	0.4	0.0	0.0	0.4	0.2	0.1
06 BARGAINING U Hrs	0	0	0	0	0	45	44	74	0	0	56	35	254
\$	0.0	0.0	0.0	0.0	0.0	1.3	1.3	2.1	0.0	0.0	1.6	1.0	7.3
7C ORG OVERHEAD	0.0	0.0	0.0	0.0	0.0	0.7	0.7	0.8	0.0	0.0	0.8	0.6	3.6
Total BCWS Staff	0.0	0.0	0.0	0.0	0.0	0.4	0.4	0.4	0.0	0.0	0.5	0.3	0.2
Hrs	0	0	0	0	0	60	59	74	0	0	70	53	316
\$	0.0	0.0	0.0	0.0	0.0	2.5	2.5	2.9	0.0	0.0	2.9	2.3	13.1

Total BCWP: -----

Task: 1A24500506 A2C59 LERF FILTRATION TESTING	Scope of Work: PROVIDE SAMPLING SUPPORT FOR LERF FILTRATION TESTS	Revision No: 01
Performing Org: 12911 SAMPLING AND SUPPORT SERV		Date: 12/02/93
E V Method: 4 LEVEL OF EFFORT METHOD		Cin Num: SU94REP3
Parent WBS:		CAP STATUS: R
Approved By: ----- HYATT, JE	3-2906	Date: / /

Cost Elements:

Fiscal Year: 1994	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Total
Staff	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.5	0.0	0.0	0.0	0.0	0.0
00 NON-EXEMPT Hrs	0	0	0	0	0	0	0	92	0	0	0	0	92
\$	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.1	0.0	0.0	0.0	0.0	2.1
Staff	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.0	0.0	0.0	0.0	0.0
01 EXEMPT Hrs	0	0	0	0	0	0	0	18	0	0	0	0	18
\$	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.5	0.0	0.0	0.0	0.0	0.5
7C ORG OVERHEAD	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.7	0.0	0.0	0.0	0.0	0.7
Total BCWS Staff	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.6	0.0	0.0	0.0	0.0	0.1
Hrs	0	0	0	0	0	0	0	110	0	0	0	0	110
\$	0.0	0.0	0.0	0.0	0.0	0.0	0.0	3.4	0.0	0.0	0.0	0.0	3.4

Total BCWP: -----

Task: 1A24500507 A2C58 LERF FILTRATION TESTING
 Performing Org: 12560 ANALYTICAL CUSTOMER INTERFACE
 E V Method: 4 LEVEL OF EFFORT METHOD

Scope of Work:
 MANAGE SAMPLE ANALYSIS LOGISTICS FOR FILTRATION TE
 STING AN LERF

Revision No: 01
 Date: 12/02/93
 Cin Num: SU94REP3
 CAP STATUS: R

Parent WBS:

Approved By: ----- TILLMAN, JH

2-3687 Date: / /

Cost Elements:

Fiscal Year: 1994		Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Total
	Staff	0.0	0.0	0.0	0.0	0.0	0.0	0.2	0.2	0.0	0.0	0.0	0.0	0.0
01 EXEMPT	Hrs	0	0	0	0	0	0	29	37	0	0	0	0	66
	\$	0.0	0.0	0.0	0.0	0.0	0.0	1.0	1.2	0.0	0.0	0.0	0.0	2.2
21 PO CONTRACTS	\$	0.0	0.0	0.0	0.0	0.0	0.0	0.0	15.0	0.0	0.0	0.0	0.0	15.0
4C MPR	\$	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.2	0.0	0.0	0.0	0.0	1.2
7C ORG OVERHEAD		0.0	0.0	0.0	0.0	0.0	0.0	0.2	0.3	0.0	0.0	0.0	0.0	0.5
Total BCWS	Staff	0.0	0.0	0.0	0.0	0.0	0.0	0.2	0.2	0.0	0.0	0.0	0.0	0.0
	Hrs	0	0	0	0	0	0	29	37	0	0	0	0	66
	\$	0.0	0.0	0.0	0.0	0.0	0.0	1.2	17.7	0.0	0.0	0.0	0.0	18.9

Total BCWP: -----

Total Wp		Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Total
	Staff	0.5	0.0	0.0	0.0	0.0	0.6	0.5	1.0	0.2	0.2	0.2	0.1	0.3
00 NON-EXEMPT	Hrs	78	0	0	0	0	90	73	184	28	32	28	18	531
	\$	1.9	0.0	0.0	0.0	0.0	2.0	1.8	4.4	0.7	0.8	0.7	0.4	12.7
	Staff	1.0	0.0	0.0	0.0	0.5	1.3	1.4	1.5	0.5	0.6	1.4	0.8	0.8
01 EXEMPT	Hrs	156	0	0	0	72	194	205	275	69	97	197	142	1407
	\$	6.4	0.0	0.0	0.0	2.9	7.7	8.0	10.6	2.8	3.9	7.9	5.6	55.8
	Staff	0.0	0.0	0.0	0.0	0.0	1.3	0.6	0.9	0.0	0.0	1.9	1.0	0.5
06 BARGAINING U	Hrs	0	0	0	0	0	195	88	166	0	0	268	176	893
	\$	0.0	0.0	0.0	0.0	0.0	5.7	2.6	5.0	0.0	0.0	8.1	5.3	26.7
10 MATL & EQUIP	\$	2.0	0.0	0.0	0.0	0.0	0.0	2.0	2.0	2.0	0.0	0.0	0.0	8.0
2T TRAVEL & LIV	\$	3.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	3.0	0.0	0.0	0.0	6.0
21 PO CONTRACTS	\$	0.0	0.0	0.0	0.0	0.0	0.0	0.0	15.0	0.0	0.0	0.0	0.0	15.0
3D PNL	\$	0.0	0.0	0.0	0.0	0.0	4.0	0.0	4.0	0.0	4.0	0.0	0.0	12.0
C MPR	\$	0.4	0.0	0.0	0.0	0.0	0.0	0.4	1.6	0.4	0.0	0.0	0.0	2.8
7C ORG OVERHEAD		2.0	0.0	0.0	0.0	0.7	3.9	3.2	4.9	0.8	1.1	3.9	2.7	23.3
Total BCWS	Staff	1.5	0.0	0.0	0.0	0.5	3.2	2.5	3.4	0.7	0.8	3.5	1.9	1.5

	Hrs	234	0	0	0	72	479	366	625	97	129	493	336	2831
	\$	15.7	0.0	0.0	0.0	3.6	23.4	17.9	47.5	9.7	9.8	20.5	14.1	162.3
=====														
Total CAP		Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Total
Staff		2.0	2.5	3.0	3.0	2.0	2.6	2.5	1.0	0.2	0.2	0.7	1.2	1.7
00 NON-EXEMPT Hrs		312	333	387	516	286	388	365	184	28	32	98	211	3140
\$		7.7	8.2	9.4	12.5	6.9	9.2	8.8	4.4	0.7	0.8	2.4	5.1	76.0
Staff		3.6	3.5	4.6	4.6	4.7	9.0	9.5	8.1	5.3	3.6	3.6	4.1	5.4
01 EXEMPT Hrs		562	466	596	792	672	1344	1388	1488	731	580	506	722	9847
\$		23.0	19.0	23.8	31.6	26.9	53.9	55.6	59.2	29.5	23.4	20.1	28.7	394.6
Staff		0.0	1.5	7.0	7.0	7.0	8.3	1.1	2.6	0.0	0.0	2.3	1.8	3.2
06 BARGAINING U Hrs		0	200	904	1204	1002	1239	161	479	0	0	324	316	5829
\$		0.0	5.6	25.1	33.4	27.8	34.6	4.7	14.1	0.0	0.0	9.8	9.4	164.5
07 BU OVERTIME Hrs		0	20	20	20	20	20	20	0	0	0	0	0	120
\$		0.0	1.0	1.0	1.0	1.0	1.0	1.0	0.0	0.0	0.0	0.0	0.0	5.9
10 MATL & EQUIP \$		4.0	3.0	53.0	51.0	8.0	4.0	5.7	8.6	2.0	0.0	1.8	2.0	143.1
2T TRAVEL & LIV \$		3.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	3.0	0.0	0.0	0.0	6.0
21 PO CONTRACTS \$		0.0	0.0	0.0	0.0	0.0	0.0	0.0	15.0	0.0	0.0	0.0	0.0	15.0
3D PNL \$		0.0	0.0	0.0	0.0	0.0	4.0	0.0	4.0	0.0	4.0	0.0	0.0	12.0
4C MPR \$		0.9	10.5	10.5	1.9	0.8	0.4	1.2	2.7	0.4	0.0	0.3	0.3	29.9
7C ORG OVERHEAD		7.5	9.5	19.2	25.5	20.5	29.6	17.7	20.0	7.3	5.8	8.0	11.1	181.7
Total BCWS Staff		5.6	7.5	14.6	14.6	13.7	19.9	13.1	11.7	5.5	3.8	6.6	7.1	10.3
Hrs		874	1019	1907	2532	1980	2991	1934	2151	759	612	928	1249	18936
\$		46.1	56.7	141.9	156.8	91.8	136.7	94.8	128.0	42.8	34.0	42.4	56.7	1028.7
Total GA/CSP		11.8	14.5	36.2	40.0	23.4	34.2	24.2	32.0	10.9	8.0	10.8	14.5	260.3
Total with GA/CSP		57.9	71.2	178.1	196.8	115.2	170.9	119.0	160.0	53.7	42.0	53.2	71.1	1289.1

Approval Signatures:

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