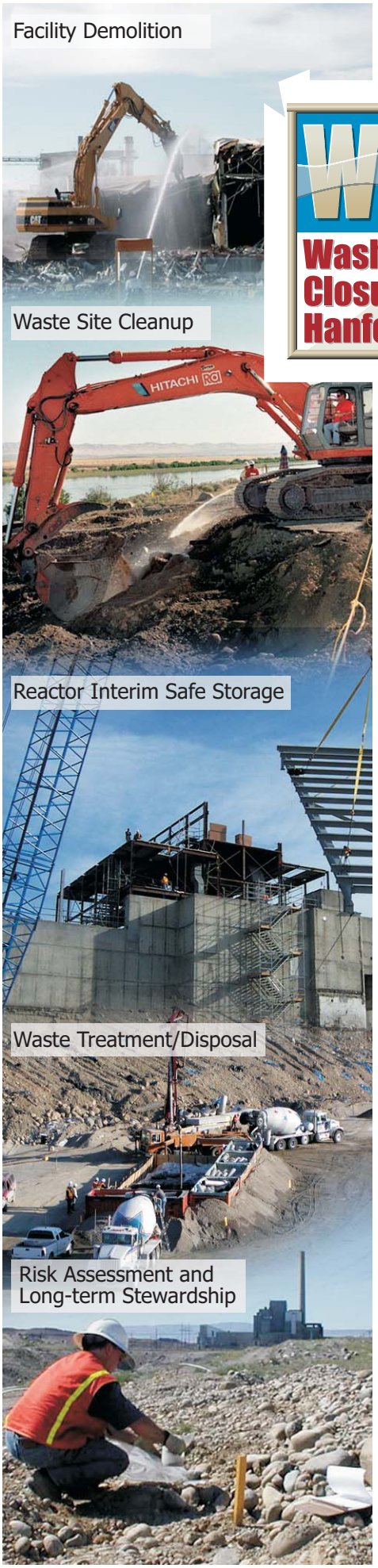

Washington Closure Hanford

River Corridor Closure Project

Safety • People • Results

Monthly Performance Report

February 2006

River Corridor Closure Contractor

for the

U.S. Department of Energy
Richland Operations Office

E0602051

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RIVER CORRIDOR CLOSURE PROJECT
EXECUTIVE SUMMARY
February 2006 Monthly Report

INTRODUCTION:

On August 27, 2005 the U.S. Department of Energy (DOE) Richland Operations Office (RL) transitioned cleanup along the Columbia River to Washington Closure Hanford (WCH), the new River Corridor Closure (RCC) Project contractor.

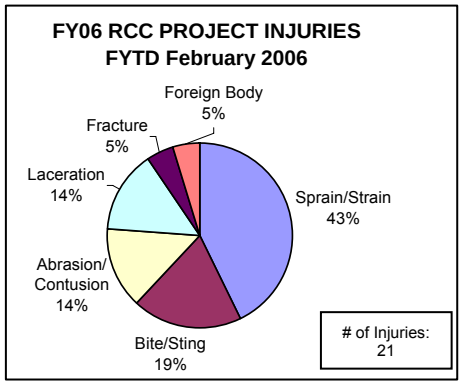
Data contained in this report reflect the RCC Current Plan. The Current Plan is defined as: RCC Transition, plus the September 2005 RCC scope, plus the FY06 Detailed Work Plan (DWP) scope that was implemented on October 1, 2005.

A few sections contained within this Executive Summary have been intentionally left blank and noted accordingly, pending RL approval of the Integrated Project Baseline (IPB). The IPB Decisional Draft was submitted to RL on November 22, 2005; Addendum 1 was submitted on December 19, 2005.

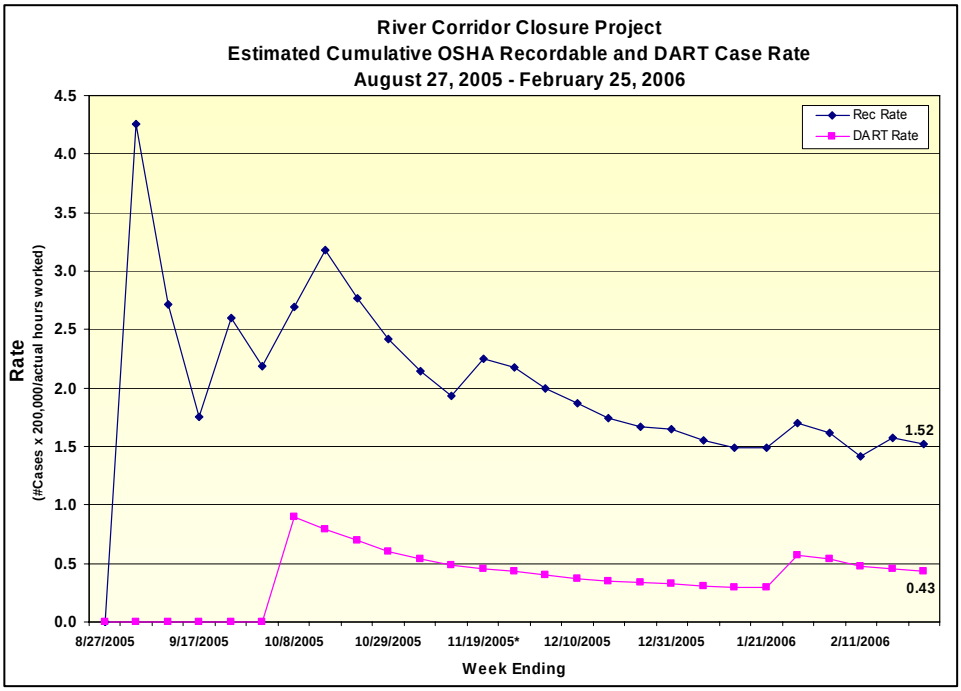
SAFETY:

As of February 28, 2006, RCC has worked approximately 923,100 hours without a lost workday incident. During February, one recordable-only incident was reported that consisted of a laceration to the right side of the forehead that required sutures. Six first aid incidents were also reported.

FYTD: 16 first aids; 3 recordable-only; 2 lost restricted
Current Month: 6 first aids (2 strains, bee sting, contusion/bruise, dust in eye, abrasion); 1 recordable-only (laceration)



Graph at right tracks rate of injuries by week. Number of hours worked affects the OSHA rates (calculation is: # cases x 200,000 / actual hours worked). At the end of February, RCC Project total recordable case (TRC) rate was 1.52; DART rate was 0.43.



* An incident was reclassified from a Restricted to Recordable (w/e 11/19/05). Following further investigation of the incident, it was determined that the restriction did not affect the routine job functions of the individual.

ACCOMPLISHMENTS:

Deactivation, Decontamination, Decommissioning, and Demolition (D4) Closure Project

- Completed demolition/loadout of 151N, 1515N, 1517N, 1518N, and 1331N.
- Completed above/below-grade demolition of 1715N Oil Tank; commenced loadout.
- Continuing demolition of 1802N Steam Pipe and Trestle; commenced loadout.
- Completed backfill of building 314 basement. *On 2/16/06, TPA Milestone M-94-05, Complete D4 of 313 and 314 Facilities (due 9/30/05), was completed more than seven months ahead of schedule.*
- Completed demolition/loadout of buildings 3713, 3715, 3722, 303A, 303G, 311TF.
- Incorporated RL/EPA comments, and issued the 300 Area Engineering Evaluation/ Cost Analysis (EE/CA) #2, Rev. 0.

Reactor Interim Safe Storage (ISS) Closure Project

- Transmitted Draft A 100-KE/KW Engineering Evaluation/Cost Analysis (EE/CA) to RL for review and subsequent transmittal to the regulators.
- Completed 105/109N Removal Action Work Plan (RAWP) comment resolution; issued RAWP.

Filling Sumps in 314 Pad

RIVER CORRIDOR CLOSURE PROJECT
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Field Remediation (FR) Closure Project

- Completed backfill of 100-C-9 North.
- Issued 100-D Area Remaining Sites and Burial Grounds Request for Proposal (RFP).
- Completed backfill of the 116-K-2 Mile Long Trench on 2/22/06, completing 3½ years of remediation at 100-K Area without a lost time accident.
- Awarded 116-N-1 backfill subcontract on 2/13/06.
- Completed loadout of the 618-2 East stockpile from the staging area and initiated loadout in the West stockpile.
- Issued approved cleanup verification package (CVP) for 600-259 Lysimeter Site.

Excavating 618-2 South Trench

Waste Operations Project

- Received and disposed 320,764 tons of waste at the Environmental Restoration Disposal Facility (ERDF) since WCH assumed River Corridor cleanup responsibilities on 8/27/05.
- Awarded contract to procure 100 IP-1 roll-on/off containers.
- Issued purchase memorandum to Procurement for Transportation Services Master Agreement (direct haul/dump) RFP.

End State and Final Closure (ESFC) Project

- Completed pore water and surface water sampling in the near-shore portion of the Columbia River.
- Initiated sediment and sculpin sampling in support of risk assessment activities.
- Issued the 100-B/C Pilot Risk Assessment Report, Draft B to RL.
- Completed strategy planning for the 300 Area industrial cleanup approach analysis workscope.

Mission/General Support

- Submitted to RL WCH-4, Integrated Safety Management System Description Rev. 1 (Contract Deliverable C.3.1) for approval on 2/27/06.
- Awarded a subcontract for pre-employment background investigations to a small, woman-owned business.
- Awarded contracts to two mentor protégé subcontractors: the 300-FF-2 Development of Field Operations Staff Augmentation and the ERDF Transportation Transition contracts.

TPA MILESTONES:

- **M-16-70** ***Completed*** Begin Sampling to Support the 100 Area and 300 Area Component of the River Corridor Baseline Risk Assessment (due 10/30/05). ***Completed 10/13/05, two weeks ahead of schedule.***
- **M-89-00** Due 10/31/05 Complete Closure of Non-Permitted Mixed Waste Units in 324 Building REC B-Cell, REC D-Cell, and High Level Vault. *A change request has been prepared proposing realigning this milestone with M-94-03 (due 9/30/2010). Formal dispute has been extended to 3/26/06 and is progressing at the RL/regulator project manager level.*
- **M-93-18** ***Completed*** Complete 105-H Reactor ISS (due 12/31/05). ***Completed 10/20/05, more than two months ahead of schedule.***
- **M-16-63** ***Completed*** Submit a Schedule and TPA Milestones to Complete Interim Remedial Actions for 300-FF-2 Waste Sites and Confirmatory Sampling of 300-FF-2 Candidate Sites (due 12/31/05). ***RL transmitted proposed change request and draft baseline schedule to the regulators on 12/29/05 for review and approval.***
- **M-94-01** ***Completed*** Submit a Schedule and TPA Milestones to Complete Disposition of the Surplus Facilities in the 300 Area (due 12/31/05). ***RL transmitted proposed change request and draft baseline schedule to the regulators on 12/29/05 for review and approval.***
- **M-16-46** Due 7/31/06 Initiate Remedial Actions for Remaining Waste Sites for 100-D Area. *On schedule.*
- **M-93-23** Due 7/31/06 Submit Engineering Evaluation/Cost Analysis for KE/KW Reactor ISS. ***Draft A EE/CA was transmitted to RL for review on 2/22/06.*** *Milestone will be met upon RL subsequent transmittal to the regulators, which is expected to be completed by 3/3/06.*
- **M-94-05** ***Completed*** Complete Deactivation, Decontamination, Decommissioning, and Demolition (D4) of 313 and 314 Facilities (due 9/30/06). ***313 Building demolition/loadout completed in August. 314 Building demolition completed in December 2005; loadout completed in January 2006. Backfill and slab stabilization were completed on 2/16/06, more than seven months ahead of schedule.***
- Additionally, 327 Building special case waste (SCW) is expected to be removed by 3/30/06, which supports TPA Milestone M-92-16, Complete Removal and Transfer, and Initiate Storage of Phase III 300 Area SCW and Materials (due 9/30/06). The last SCW item is in the 340 facility, which is presently under Fluor Hanford (FH) control.

SCHEDULE:

All three FY06 first quarter interim provisional fee milestones were completed ahead of schedule. The FY06 second quarter draft milestone (complete loadout of 4,400 tons from 618-3 Burial Ground by 3/31/06) was completed on 1/12/06, more than two months ahead of schedule. The remaining FY06 draft interim provisional fee milestone is currently forecasted ahead of schedule.

RIVER CORRIDOR CLOSURE PROJECT
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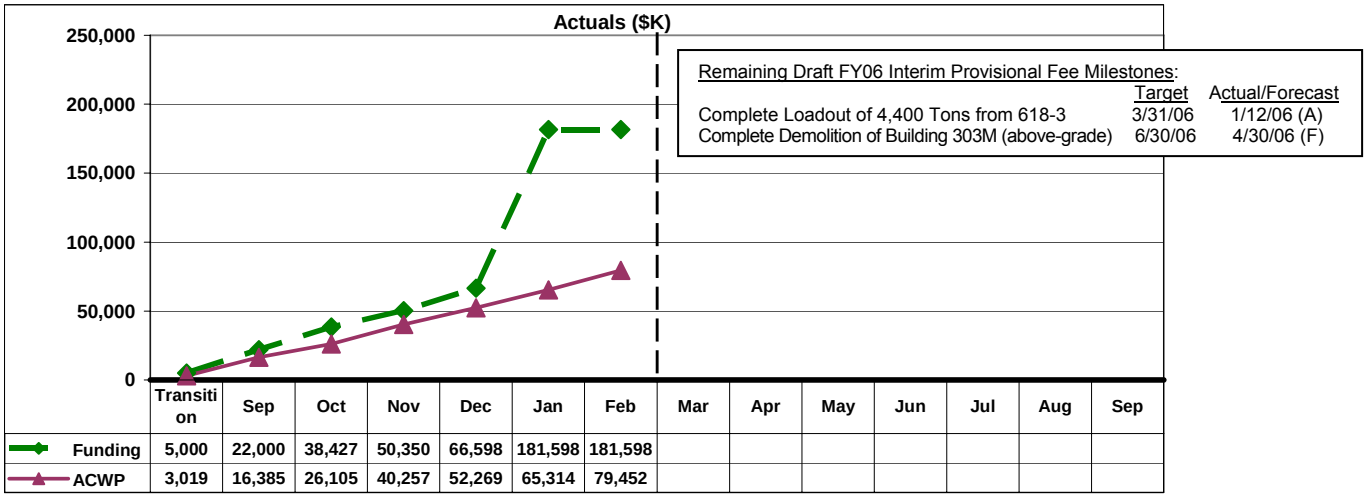
PERFORMANCE:



	Transition	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Funding	5,000	22,000	38,427	50,350	66,598	181,598	181,598							
ACWP	3,019	16,385	26,105	40,257	52,269	65,314	79,452							

TRENDS:

No significant trends identified this reporting period.

ACCELERATION INITIATIVES:

See Change Control section below.

CHANGE CONTROL:

Additional/accelerated workscope totaling approximately $11.6M was authorized by the RCC Action Team (RCCAT) in February. Authorized scope included accelerations of 100-IU-2/100-IU-6 and 100-D Area field remediation, additional waste site backfill and soil quantities, and acceleration of D4 activities at the 324 facility in the 300 Area. Also, due to a re-evaluation of projected contractor performance fee, the RCCAT authorized an additional $3.6M fee EAC adjustment. To date, more than $6.1M of scope have been included in the Current Plan (contract inception through September 30, 2006) primarily from outyear accelerations into FY06.

CONTINGENCY UTILIZATION: (Not applicable until RCC baseline is approved)

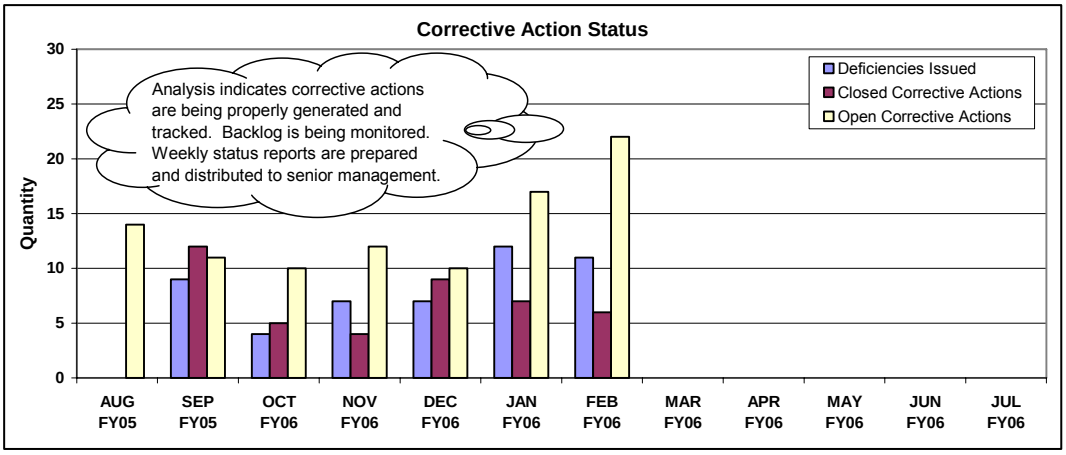
FUNDING:

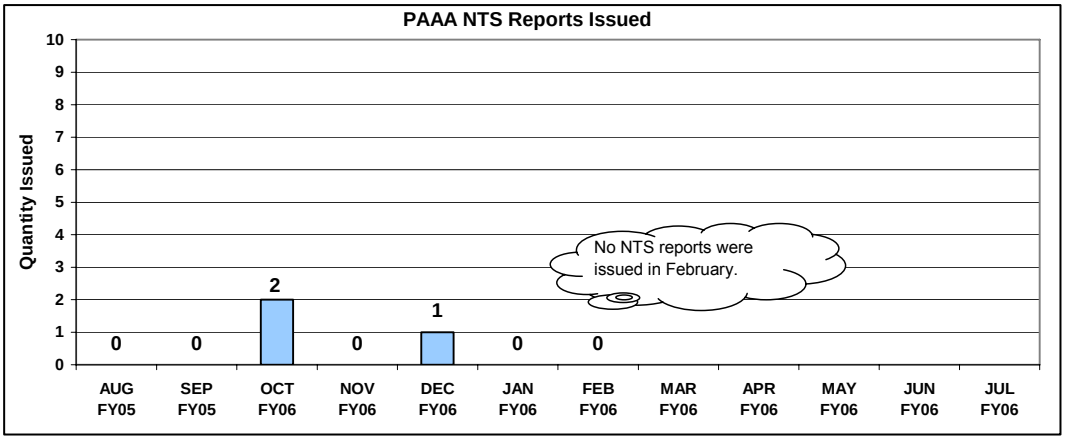
No funding modifications were made to the contract in February. Current contract funding allocations total ~ $181.6M which is expected to cover costs through August 2006. Current funding guidance indicates that WCH will receive a total of ~ $196.1M, or about 95% of the contract maximum funding of $206.4M, for the period ending September 30, 2006.

STAFFING ISSUES:

No significant staffing issues identified for this reporting period.

QUALITY:





SUBCONTRACTING GOALS:

As a function of subcontract commitments

	Goal *	Cumulative	Feb 06
Small Business	65.0%	81.1%	94.2%
Disadvantaged	22.0%	13.0%	4.1%
Woman-Owned	13.0%	8.1%	5.2%
Veteran-Owned	3.0%	6.9%	3.8%
SD Veteran-Owned	3.0%	1.9%	0.3%
Hubzone Certified	4.5%	14.0%	29.9%

*Per Contract Section J.4

ISSUES:

- Need to identify path forward for waste streams that cannot be sent to ERDF. Contract indicates such wastes should be sent to Central Waste Complex (CWC), but this may not be feasible in all cases.
  Status: Currently discussing potential solutions with RL and FH. Interim approvals have been received for a limited number of offsite waste items.
- The reported 15-month extension given to Pacific Northwest National Laboratory (PNNL) for moving from the 300 Area may adversely affect the WCH demolition/remediation schedule.
  Status: Upon receipt of formal notification from RL, WCH will assess the impact to the schedule and develop potential mitigations.
- Ecology and EPA have requested an evaluation of ecological risk in the CVPs/RSVPs for waste sites that have been either remediated or are designated as 'No Action' sites. The evaluation is not a requirement of the Record of Decision (ROD) and therefore is not part of the CVP/RSVP. However, ecological risk assessments are planned in the future as part of the End State and Final Closure (EFSC) Project's risk assessment scope.
  Status: WCH and Tri-Party Agreement (TPA) members are working together to reach agreement on how to address ecological risk evaluations that are requested earlier than the planned ESFC assessments, without negatively affecting WCH work approval processes and schedule.
- Delayed receipt of backfill concurrence may affect ability to start backfill at 116-N-1 Crib in March.
  Status: Project working with the regulators to try to accelerate backfill concurrence.

90-DAY LOOK AHEAD:

Major Activities:

D4 Closure Project
- Complete 107N Pipe Trench removal and loadout (March).
- Complete demolition of buildings on Ginko street: 303B, 303C, 303E, 303F, 303J, 304, 304A, 3707D, 3711 (March-April).
- Deactivate buildings 3717, 3717B, 305, 3705, 3708, 3746D, 377 (March-May).
- Complete removal of 327 SCW (March).
- Complete regulator review of 324/327 Action Memorandum (March).

Reactor ISS Closure Project
- Complete 100-K Environmental Risk Assessment (April).
- Issue 100-KE/KW EE/CA, Rev. 0 (May).
- Complete 105/109N deactivation/decommissioning Request for Proposal (RFP) (May).

FR Closure Project
- Complete loadout of excavated material from 118-B-1 (March).
- Complete excavation and loadout of the 118-C-1 Burial Ground (April).
- Award 100-D Remaining Sites and Burial Grounds contract (April).
- Initiate remediation of the 118-K-1 Burial Ground (April).
- Obtain 116-N-1 Crib backfill concurrence (early March).
- Re-initiate excavation in the 618-2 Burial Ground (March).
- Initiate 100-B/C (ASAP) and 100-D Area failed confirmatory sites design (all must be put in contract) (March).
- Complete assessment of 618-10/11 feasible options and hold independent review (April).

Waste Operations Project
- Obtain RL approval to award the ERDF Disposal Operations subcontract and transition to new subcontract (March/April).
- Complete transition to the transportation mentor protégé subcontractor (March/April).

ESFC Project
- Issue Rev. 0 of the 100 Area and 300 Area Component of the RCBRA Sampling and Analysis Plan (DOE/RL-2005-42) (March).
- Continue preparing the Integrated Source and Groundwater Strategy Document (March-May).
- Initiate field walkdown activities for the 100-D Area orphan site evaluation (March).

Mission/General Support
- Support the RL ISMS Phase I verification (April).
- Respond to DOE and EIR comments on the IPB; issue as final (March).
- History Channel -"Lost Civilizations" B Reactor Tour on 3/9-10/06.
- Congressional visit to Washington, D.C. on 3/28-31/06.

GFS/I:

A total of 57 actions have been identified that require RL action within the next three months. Detailed listings of the actions are included within the following individual Project reports.

RISK MANAGEMENT REPORT:

February Risk Mitigation Actions	February Risk Mitigation Actions Complete	Risk Mitigation Actions Pending or Modified During February	Risk Closed
5	2	3	0

Risk Items and Mitigation Actions Closed or Modified This Period

FR-014 – Orphan Sites New Accepted Waste Sites (Risk Score: High). New accepted waste sites will be identified by the End State and Final Closure Project through the Orphan Sites Evaluation process. These new waste sites will be turned over to the Field Remediation Project for disposition (characterization, remedial action/waste disposal if needed, and closeout through a RSVP or CVP). Cost and schedule associated with disposition of new waste sites identified through Orphan Sites Evaluations are not included in the project baseline/target cost.
4) Obtain regulator concurrence that disposition of new waste sites discovered through Orphan Sites Evaluations is not subject to existing operable unit TPA milestones. (February 2006).
Status: Pending, forecast completion April 2006. This will be determined in the upcoming discussion with RL and EPA on revising 100-B/C TPA Milestone M-16-45 (due 12/31/06). There are numerous orphan sites and other sites that have been identified since the TPA milestones were developed and will be addressed through the discussions.

GEN-009 - Incumbent Mindset (Risk Score: Med). Transition of M&O mindset to closure project may cost dollars and time as incumbent personnel continue to take direction from DOE that is outside contract scope. The risk mitigation strategy for the transition of the M&O mindset to a closure project mindset will include education, communication, the use of incentives, and LLC company involvement.
1b) Complete employee training for contract scope of work. (February 28, 2006).
Status: Complete, February 2006. Numerous mechanisms have been and will continue to be, used to ensure employee understanding of the WCH contract and scope of work: 1) holding routine "All Hands" meetings to provide perspective and updates; 2) establishing individual employee performance objectives aligned with the WCH mission; 3) implementing the Project Incentive Plan, establishing tangible ties between individual and project performance; and 4) delivering on-going communication regarding project performance (e.g., safety, CSPI) reinforced by management information that provides a clear line of sight between employee assignments and the activities needed to make WCH successful.

2) Reinforce behaviors that move the RCCC towards completion of the Project's mission and meets contractual requirements. An incentive plan will be developed and presented to employees for their inclusion. Completion of employee presentations (October 31, 2005).
Status: Complete, February 2006. The Project Incentive Program communications were held the week of February 13. All employees have been provided information specifically liking their incentive to the overall success of the project. Included in that communication was basic information regarding the Cost Schedule Performance Index (CSPI).

GEN-010 - Viability of Major Business Applications (Risk Score: Med). The preliminary analysis of the major business systems (financial, time collection, payrolls, and procurement) indicates that they are suitable and capable to support the short-term needs of the project. However, because minimal improvements and maintenance have been accomplished in the past 3-4 years (owing to uncertainties associated with contract duration), many of these systems are now running on unsupported versions of software and are hosted on servers that will be unable to operate throughout the duration of the WCH project. Failure of these systems, which are vital to the support of all project activities, could jeopardize the timely completion of work and introduce financial and legal jeopardies.
2) Then a determination will need to be made regarding the best alternative solution for ensuring systems are available throughout the duration of the contract. (February 28, 2006).
Status: Pending, forecast TBD. A plan has been developed and initial funding allocated to replace the financial system. Evaluations of vendor products are being scheduled. Implementation of core modules is anticipated to begin in late third quarter or early fourth quarter FY06, with replacement of the financial system to be completed in the second quarter FY07. Replacement/upgrading of the procurement system will begin subsequent to completing the financial system replacement.

WO-007 - LDR from 100 Area (Risk Score: Med). WCH is reducing the 100 Area LDR waste assumption from 5% as specified in the RFP to 2%. Each additional LDR ton to ERDF costs $250 for simple treatment. Detailed planning for waste management of field remediation and D4 will identify quantities and types of LDR waste. If more than 2% of the material being received at ERDF requires treatment, measures should be taken to avoid accruing additional treatment costs.
2) Evaluate waste projections to determine how much material may need treatment. (February 1, 2006).
Status: Ongoing. This is an ongoing activity and will be routinely performed.

Prior Month Pending Risk Items

D4-008 - Hot Cell Operator Availability (Risk Score: Med). Availability of nuclear operators with experience and qualification to use hot cell manipulators in the 300 Area is unknown.
1) As part of D4 planning and developing RCCC Baseline, assess hot cell operator resource needs over time against operator availability, define delta (December 31, 2005).
Status: Pending, forecast closure date is June 1, 2006. The hot cell operator resource needs are not believed to be as critical as appeared early on. The hot cell removal plan should reduce the dependence on manipulation operations. The potential impacts due to the announced delay in the PNNL release of 325 and 329 need to be evaluated.

FR-008 - 300 Area Schedule Delays (Risk Score: Med). 300 Area field remediation will be critical path waiting for D4 to finish. This will occur near the end of the project and may cause cost/schedule impacts.

2) Include D4 activities and performance measures in 300 Area schedules; incorporate 300 Area deadline requirements into D4 schedules. (September 2005).
Status: Pending, forecast March 2006. The Integrated Project Baseline (IPB) and the Contract Performance Plan (CPP) will establish interdependent schedule activities for both the 300 Area and the D4 Project. This task was completed November 22 for the IPB, and is scheduled by March/April 2006 for the CPP.

FR-009 - K-Basins Turnover Status (Risk Score: Med). It is unclear what the status of the K-Basins will be when they are turned over to RCC. 1) Regular communications with PHMC. 2) Interface agreements detailing turnover expectations. 3) Work-around contingency planning.
2) Develop interface agreements with PHMC detailing turnover conditions. (March 2006).
Status: Pending, forecast TBD. Additional mitigation actions will be developed for future management of this risk.

FR-014 - Orphan Sites New Accepted Waste Sites (Risk Score: High). Risk: New accepted waste sites will be identified by the End State and Final Closure project through the Orphan Sites Evaluation process. These new waste sites will be turned over to the Field Remediation project for disposition (characterization, remedial action/waste disposal if needed, and closeout through a RSVP or CVP). Cost and schedule associated with disposition of new waste sites identified through Orphan Sites Evaluations are not included in the project baseline/target cost.
3) Obtain RL concurrence that disposition of new waste sites discovered through Orphan Sites Evaluations is subject to immediate equitable adjustment.
Status: Pending, forecast completion April 2006. Discussions were held in January and proposed contract modification language sent to RL for their consideration and approval. Proposed language would add target cost and schedule for disposition of new waste sites into the project baseline. Email response from RL contracting officer delineates RL position that WCH submit basis of and cost estimate before site(s) can be added into the contract for design and remediation. Continuing dialogue on subject will occur.

GEN-011 - New DOE Cyber Security Requirements (Risk Score: Med). If DOE demands a broader, more extensive implementation, the availability of internal networks (including e-mail and the Intranet may be jeopardized).
4) Develop WCH-specific policies and procedures (December 31, 2005).
Status: Pending, forecast March 30, 2006. WCH Procedures that implement DOE Cyber Security Orders are on target for March 30, 2006 completion.

ISS-001 - ISS Underground Structures (Risk Score: Med). The contract calls for removing underground structures to an extent that has not been done in the reactors completed to date.
1) Incorporate actions in DWP to coordinate cleanup sampling strategy with Field Remediation (September 2005).
Status: Pending, April 2006. The Removal Action Work Plan (RAWP) for 105/109-N Buildings Interim Safe Storage (ISS) and Related Facilities, DOE/RL-2005-43, Rev. 0, has been approved by RL and the regulators. Section 1.3.2 allows leaving subgrade structures which meet cleanup criteria in place. This is part of the ISS DWP, proposal, and baseline approach. The cleanup criteria for subgrade concrete structures and rubble is being established in coordination with Field Remediation (FR) and that sampling and analysis plan (SAP) is planned for transmittal to the regulators in April for their approval. ISS DWP includes support for preparation of this SAP by FR. RL and regulator approval of these two documents will define the concrete removal requirements for N Area and should close this item for N Area. This risk item will remain Pending until regulator approval is received for both documents.

Risk Items Due - 90-Day Look-Ahead

March 2006

D4-003 - Dust Suppression Water Treatment (Risk Score: Med). Risk: D4 will generally apply dust suppression water in a manner that avoids accumulation. However, under certain circumstances, dust suppression water may be accumulated. It is uncertain whether dust suppression water, if accumulated, would need to be treated before discharge. Impact: A requirement to accumulate and treat dust suppression water would slow D4 field operations and add costs for collection, transport, and treatment. Analyze and, if appropriate, improve current dust suppression methods to reduce the probability of accumulation. Evaluate collection and treatment requirements and options and, as appropriate, develop contingency plans (e.g., draft work packages). Example: An option would be to seek approval from regulators to dispose of any accumulated water from dust suppression activities within the boundary of the current demolition activity. Then, remove soils as part of the closure and below-grade removal process.
1) Review current ERC practices and technologies and compare to 'best practices' for minimizing accumulation of dust suppression water. Modify current practices, as appropriate. (March 31, 2006).

D4-007 - Hot Cell Manipulators for Decontamination (Risk Score: Med). Risk: It is planned that the hot cells will be grouted and disposed at ERDF, with minimal or no waste removal or decontamination. However, depending on waste characterization results and the nature and extent of contamination, significant wastes may need to be removed from some cells, and some cells may require significant decontamination. If this is the case, it will be very desirable to use the hot cell manipulators. The condition of the hot cell manipulators (reliability, availability, and maintainability) is uncertain. Impact: If hot cell manipulators must be used for significant waste removal and decontamination activities and they are not in a condition to readily support this work, there would be cost and schedule impacts associated with repairs or development of alternate approaches. Identify hot cells most likely to require waste removal and decontamination, and complete assessment of manipulators suitable for those cells. Develop manipulator repair/maintenance program and/or develop alternate waste removal and decontamination approaches and tools, as appropriate.
1) Identify hot cells most likely to require waste removal and decontamination; evaluate condition/maintainability of manipulators for those cells. (March 31, 2006).

D4-008 - Hot Cell Operator Availability (Risk Score: Med). Availability of nuclear operators with experience and qualification to use hot cell manipulators in the 300 Area is unknown. Assess resource availability versus needs after award and develop plan to address any gap.
2) Develop strategy/plan to address delta, if any. (March 31, 2006).

D4-009 - Availability of Qualified Asbestos Abatement Resources (Risk Score: Med). Risk: Availability of qualified asbestos abatement resources (either subcontractors or HAMTC plant forces) during peak demolition times has not been analyzed to determine if this will be a constraint. Impact: If asbestos resources are not available to support peak levels of D4, work may need to be re-sequenced and there could be schedule impacts.
1) Assess D4 demand versus availability of qualified asbestos abatement resources (HAMTC and subcontractors). (March 31, 2006).
2) If there is significant delta between resource availability versus demand, implement actions to address delta. (TBD based on #1).

D4-014 - Hot Cell Cranes for Waste Removal (Risk Score: Med). Risk: It is planned that the hot cells will be grouted and disposed at ERDF, with minimal or no waste removal. If it develops that significant waste removal is required, use of the cranes will be required. If they break, manned entry into the airlock is required to survey, decon, and repair. These repairs have historically involved extended planning and high dose activities, and require a large crew of millwrights and electricians based on the dose rates in the work area. Impact: If overhead crane use is required and they are not in a condition to support the work, there would be cost and schedule impacts associated with repairs or development of alternate approaches.
1) Identify cranes likely to be essential to D4; evaluate condition (including reliability, availability, and maintainability) of associated overhead cranes. Determine if actions, above routine S&M, are warranted to address any issues. (March 31, 2006).

FR-012 - Uranium Chips (Risk Score: Med). Hundreds of drums of uranium machine turnings (chips) and zircalloy machine turnings may be encountered while excavating the burial grounds in the 300 Area. The drums may be in very poor conditions. It is unknown exactly where they are. Chips are pyrophoric—will readily burn in the presence of air and a spark.
2) Develop project contingency and workaround plans for scenarios exceeding most likely case. (March 2006).

GEN-010 - Viability of Major Business Applications (Risk Score: Med). The preliminary analysis of the major business systems (financial, time collection, payrolls, and procurement) indicates that they are suitable and capable to support the short-term needs of the project. However, because minimal improvements and maintenance have been accomplished in the past 3-4 years (owing to uncertainties associated with contract duration), many of these systems are now running on unsupported versions of software and are hosted on servers that will be unable to operate throughout the duration of the WCH project. Failure of these systems, which are vital to the support of all project activities, could jeopardize the timely completion of work and introduce financial and legal jeopardizes. To the degree possible, adjustments have been made in the software and hardware configurations, but these offer interim, not strategic solutions to the issue.
3) Implement agreed-to solutions/upgrades. (Beginning March 2006).

GEN-011 - New DOE Cyber Security Requirements (Risk Score: Med). The list of DOE Cyber Security Orders included in this contract far exceed those identified in the previous contract. WCH intends to pursue a graded approach, predicated on the fact that the information handled will not be classified, and that networks need to be monitored for essentials like intrusion protection and basic safeguarding practices. However, if DOE demands a broader, more extensive implementation, the availability of internal networks (including e-mail and the intranet may be jeopardized). Currently, the cyber security program is compliant with the requirements established for the BHI contract. An initial analysis has been conducted of the new requirements, but no action has yet been undertaken regarding discussion with DOE about a graded implementation.
6) Implement any cyber security actions needed to achieve agreed-to level of compliance. (March 30, 2006).
Status: Pending. This risk item is being rescheduled to September 30, 2006.

SM-001 - Facility Deterioration (Risk Score: Med). Risk: In the old facilities, some of which contain high hazards, there is a probability of structural/system failures and safe-entry threshold deterioration that could impact the planned D4 approaches. Impact: If facility integrity/condition to support D4 deviates from WCH planning assumptions and alternate D4 methods are required, there will be cost/schedule impacts.
2) For those facilities with integrity issues that may impact D4 approaches to the extent that there are unacceptable cost and schedule impacts, identify mitigation measures. (March 31, 2006).

April 2006

None

May 2006

WO-007 - LDR from 100 Area (Risk Score: Med). WCH is reducing the 100 Area LDR waste assumption from 5% as specified in the RFP to 2%. Each additional LDR ton to ERDF costs $250 for simple treatment. Detailed planning for waste management of field remediation and D4 will identify quantities and types of LDR waste. If more than 2% of the material being received at ERDF requires treatment, measures should be taken to avoid accruing additional treatment costs.
3) If more than 2% of the waste needs treatment, conduct engineering/cost analysis for establishing a Corrective Action Management Unit (CAMU). (May 1, 2006).

Emerging Risks (new risks identified during the month.)
None

Unusual Activities (May include unanticipated cost or schedule impacts (favorable or unfavorable) for mitigation activities, go/no-go decisions, or deployment of contingency for risk mitigation.)
None

SAFETY:

FYTD: 5 first aids; 1 recordable-only; 1 lost restricted
Current Month: 2 first aids (bee sting, contusion/bruise)

ACCOMPLISHMENTS:

100 Area

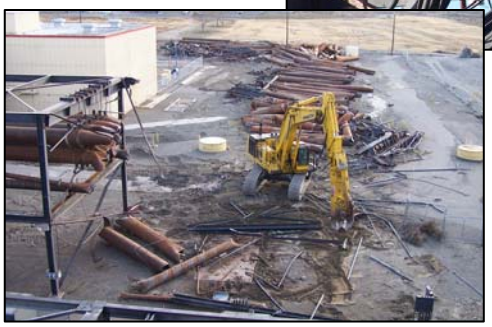
- Completed 107N (Basin Recirculation and Cooling Building) Vessel Media Subcontract Request for Proposal (RFP), bidder's review, pre-bid walkdown, accepted/responded to vendor questions; commenced review of vendor bids.
- Completed below-grade demolition of 151N 230-KV Electrical Substation.
- Completed demolition/loadout of 151N, 1515N, 1517N, 1518N, and 1331N.
- Completed above/below-grade demolition of 1715N Oil Tank; commenced loadout.
- Continuing demolition of 1802N Steam Pipe and Trestle; commenced loadout.

Demolition of 1802N Steam Pipe Trestle

Demolition of Utility Poles that Supported Overhead Steam Lines in 300 Area

300 Area

- Completed backfill of building 314 basement. On 2/16/06, TPA Milestone M-94-05, Complete D4 of 313 and 314 Facilities (due 9/30/06), was completed more than seven months ahead of schedule.
- Completed the 334 Tank Farm below-grade pipe chase backfill.
- Started deactivation of buildings 304/A, 303G, 3707D.
- Completed demolition/loadout of buildings 3713, 3715, 3722, 303A, 303G, 311TF.
- Continuing asbestos removal and demolition of overhead steam lines north of Apple Street (~90% complete).
- Demolished and loaded out telephone poles supporting overhead steam lines along Alaska, Oregon, Wisconsin, and Ginko Streets.
- Commenced deactivation of hazardous waste materials in 303M.
- Started asbestos removal in building 333.



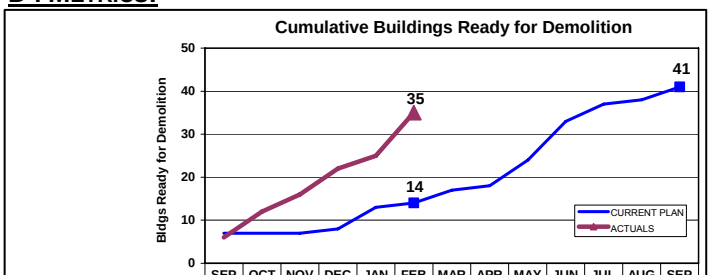
324/327 Facilities

- Awarded D4 Documented Safety Analysis (DSAs) subcontract.
- Awarded Hot Cell Engineering Study subcontract on 2/13/06.
- Completed the Hot Cell Data Quality Objectives (DQO) report.
- Completed WCH review of Hot Cell Sampling and Analysis Plan.
- Continued characterization of 324 administrative/industrial areas.
- Continued disposition of "cold side" excess chemicals.
- Incorporated RL/EPA comments, and issued the 300 Area Engineering Evaluation/Cost Analysis (EE/CA) #2, Rev. 0.

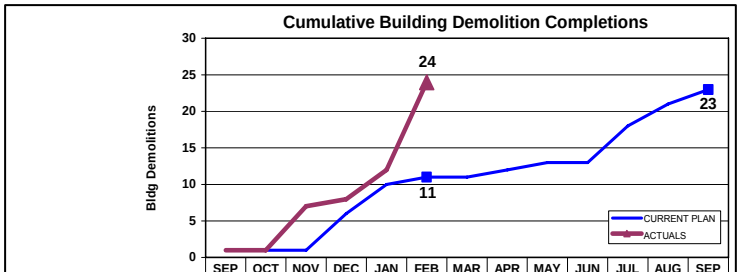
S&M / Utilities

- Completed safe utility isolations on buildings 303B, 303C, 303E, 303F, 303J, 303M, 3707D, 3711 (300 Area) and 1313, 1314, 184NB, 184NC, 181NC (100 Area) in preparation for demolition.
- Excavated and isolated water lines supporting 3713, 3722, MO-026.
- Completed removal of JCI air compressors located at 3708 facility.
- Initiated requirements flowdown document for CONOPS.
- Issued Maintenance Implementation Plan (MIP) for design engineering review.

D4 METRICS:



	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
INTEGRATED PROJ BASELINE	TBD												
CURRENT PLAN	7	7	7	8	13	14	17	18	24	33	37	38	41
ACTUALS	6	12	16	22	25	35							



	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
INTEGRATED PROJ BASELINE	TBD												
CURRENT PLAN	1	1	1	6	10	11	11	12	13	13	18	21	23
ACTUALS	1	1	7	8	12	24							

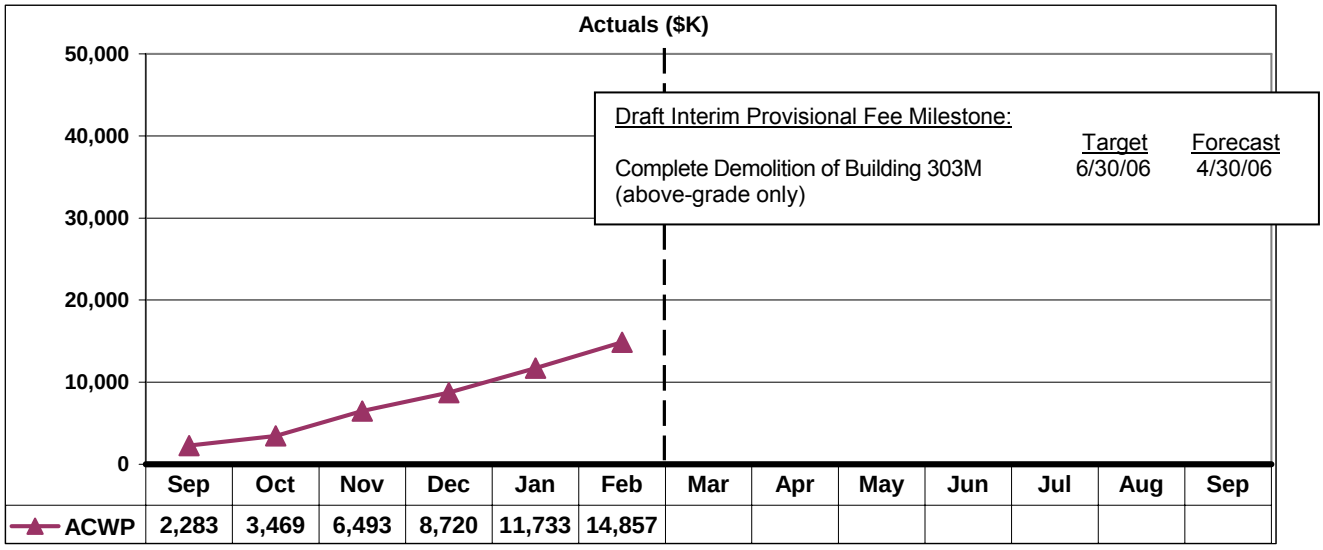
TPA MILESTONES:

- **M-89-00** Due 10/31/05 Complete Closure of Non-Permitted Mixed Waste Units in 324 Building REC B-Cell, REC D-Cell, and High Level Vault. *A change request has been prepared proposing realigning this milestone with M-94-03 (due 9/30/2010). Formal dispute has been extended to 3/26/06 and is progressing at the RL/regulator project manager level.*
- **M-94-01** ***Completed*** Submit a Schedule and TPA Milestones to Complete Disposition of the Surplus Facilities in the 300 Area (due 12/31/05). ***RL transmitted proposed change request and draft baseline schedule to the regulators on 12/29/05 for review and approval.***
- **M-94-05** ***Completed*** Complete Deactivation, Decontamination, Decommissioning, and Demolition (D4) of 313 and 314 Facilities (due 9/30/06). ***313 Building demolition/loadout were completed in August. 314 Building demolition was completed in December 2005; loadout was completed in January 2006. Backfill and slab stabilization were completed on 2/16/06, more than seven months ahead of schedule.***
- Additionally, 327 Building special case waste (SCW) is expected to be removed by 3/30/06, which supports TPA Milestone M-92-16, Complete Removal and Transfer, and Initiate Storage of Phase III 300 Area SCW and Materials (due 9/30/06). The last SCW item is in the 340 facility, which is presently under Fluor Hanford control.

SCHEDULE:

Completed FY06 first quarter interim provisional fee milestones (due 12/31/05) both ahead of schedule (demolish 314/314B complex to slab--not all debris loaded out [12/10/05], and demolish 334/334A above-grade structure to slab--remove all debris [12/6/05]). Third quarter draft interim provisional fee milestone (demolish 303M building [above-grade only] by 6/30/06) is currently forecasted ahead of schedule.

PERFORMANCE:



	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
ACWP	2,283	3,469	6,493	8,720	11,733	14,857							

TRENDS:

No significant trends identified this reporting period.

ACCELERATION INITIATIVES:

Accelerated 324 facility characterization.

ISSUES:

- Supply of ERDF cans for D4 rubble loadout.
  Status: Working with Waste Operations Project to resolve.
- Relocation of 1723 Warehouse functions to support accelerated D4.
  Status: 1723 building is planned for demolition during FY06, but is still being used as a warehouse. A replacement warehouse is currently under investigation.

90-DAY LOOK AHEAD:

Major Activities:

100 Area

- Award 107N Vessel Media Subcontract; commence vessel media retrieval (March).
- Complete 107N Pipe Trench removal and loadout (March).
- Complete 151N loadout and backfill (March).
- Complete 153N above-grade demolition (March).
- Commence 166N demolition and loadout (March).
- Complete 1331N, 1515N, 1516N, 1517N, 1518N, and 1519N transition/final closure (March).
- Complete 1715N loadout (March).
- Complete 1802N loadout (April).

300 Area

- Complete demolition of buildings on Ginko street: 303B, 303C, 303E, 303F, 303J, 304, 304A, 3707D, 3711 (March-April).
- Begin deactivation of building 3706 (March).
- Complete 303M bag house removal, demolition, and loadout (March).
- Develop strategy for selective pad removal in 300 Area facilities (March).
- Deactivate buildings 3717, 3717B, 305, 3705, 3708, 3746D, 377 (March-May).

324/327 Facilities

- Complete removal of 327 SCW (March).
- Complete admin/industrial/gallery area sampling/analysis (May).
- Issue hot cell characterization subcontract (March).
- Complete EE/CA public comment (April).
- Complete RCRA closure plan public comment (March).
- Complete regulator review of Action Memorandum (March).

S&M / Utilities

- Evaluate utilities deactivation in 306 East to allow deactivation to proceed (April).
- Excavate and cut/cap water distribution piping at 100N (April).
- Procure change trailer for 300 D4 Project (March).
- Transfer JCI Boiler #3720 to WCH for disposition (April).

GFS/I Actions:

Activity	Planned Submittal Date to RL	Requested Return Date from RL
RL Review 324/327 Draft A SAP	3/9/06	4/24/06
RL Review draft 300 Area EE/CA #3	3/9/06	4/24/06
RL Approve 107N Vessel Media Removal Treatment Plans	4/12/06	5/15/06

REGULATORY INTERACTIONS:

Require regulator support to meet activities/due dates identified in above table.

SAFETY:

There have been no first aid, recordable, restricted, or lost away incidents experienced within the Reactor Interim Safe Storage (ISS) Closure Project through fiscal year to date.

ACCOMPLISHMENTS:

100-KE/KW

- Transmitted Draft A Engineering Evaluation/Cost Analysis (EE/CA) to RL for review and subsequent transmittal to the regulators.
- Completed 100-K data quality objective (DQO) task-specific planning.
- Commenced 100-K environmental risk assessment.
- Commenced 100-K draft Action Memorandum.

105/109N

- Resolved RL comments on Final Hazard Classification/Auditable Safety Analysis (FHC/ASA); commenced RL review/approval.
- Completed Removal Action Work Plan (RAWP) comment resolution; issued RAWP.

100-N Area

- Completed characterization work packages for 105NB, 105ND, 105NE, and 1605NE.
- Completed pre-demolition characterization sample collection at 105NA and 1722N.

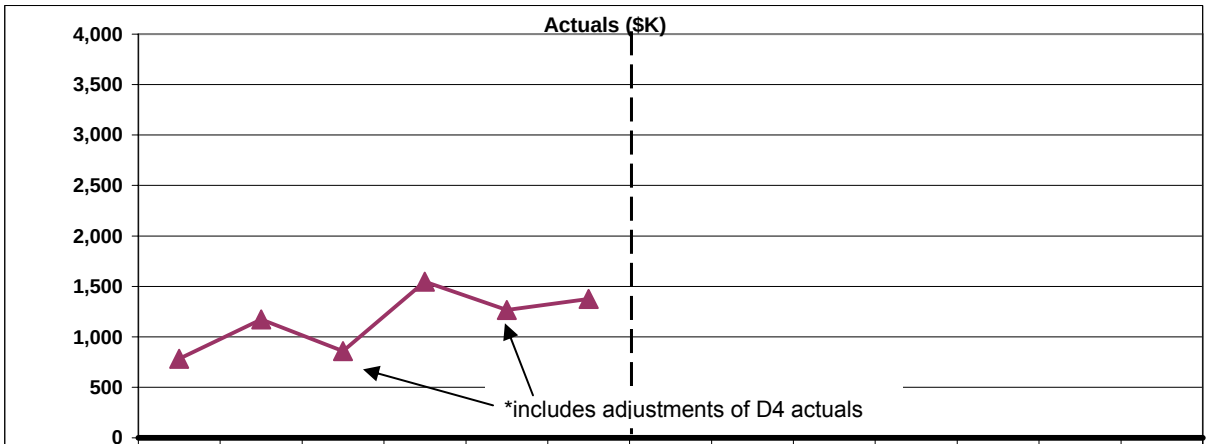
TPA MILESTONES:

- **M-93-18** ***Completed*** Complete 105-H Reactor ISS (due 12/31/05). ***Completed 10/20/05, more than two months ahead of schedule.***
- **M-93-23** Due 7/31/06 Submit Engineering Evaluation/Cost Analysis for KE/KW Reactor ISS. ***Draft A EE/CA was transmitted to RL for review on 2/22/06.*** *Milestone will be met upon RL subsequent transmittal to the regulators, which is expected to be completed by 3/3/06.*

SCHEDULE:

Reactor ISS Closure Project does not have any FY06 interim provisional fee milestones.

PERFORMANCE:



	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
ACWP	782	1,173	858	1,547	1,266	1,376							

TRENDS:

No significant trends identified this reporting period.

ACCELERATION INITIATIVES:

None for this reporting period.

ISSUES:

No significant issues for this reporting period.

90-DAY LOOK AHEAD:

Major Activities:

Reactors (General)
- Complete D/DR/F/H-Reactor equipment decontamination (April).

100-KE/KW
- Complete 100-K Initial Hazards Classification (IHC) (March).
- Complete 100-K Environmental Risk Assessment (April).
- Complete 100-K draft Action Memo (April).
- Issue 100-KE/KW EE/CA, Rev. 0 (May).
- Complete 100-K DQO (May).

105/109N
- Receive RL approval of 105/109N Final Hazard Classification (FHC)/Auditable Safety Analysis (ASA) (March).
- Complete 105/109N deactivation/decommissioning RFP (May).

GFS/I Actions:

Activity	Planned Submittal Date to RL	Requested Return Date from RL
RL Review KE/KW Reactor ISS Draft A EE/CA	2/22/06 (A)	4/20/06
RL Review 105-H Reactor Draft A CVP	4/26/06	6/12/06

REGULATORY INTERACTIONS:

Require regulator support to meet activities/due dates identified in above table.

SAFETY:

FYTD: 7 first aids; 1 recordable-only
Current Month: 1 first aid (strain to right ankle)

ACCOMPLISHMENTS:

100-B/C Burial Grounds and Remaining Sites

- Continued loadout activities of 118-B-1 stockpiled material.
- Continued excavation/sorting/loadout at 118-C-1 Burial Ground.
- Completed miscellaneous characterization potholing for Field Remediation Design and Closure.
- Completed backfill of 100-C-9 North.
- Continued excavation/loadout of Remaining Pipelines and Sewers (RPAS) site 100-B-14.
- Continued planning for shipment of spent nuclear fuel (SNF) to K-Basins.

100-D Area

- Issued 100-D Area Remaining Sites and Burial Grounds Request for Proposal (RFP).

100-F Area

- Continued loadout of the 118-F-5 Burial Ground.
- Completed overburden removal of the 118-F-2 Burial Ground.
- Completed excavation and sorting of 118-F-7 storage waste site.
- Initiated excavation and sorting of 118-F-3 Burial Ground.

Last Section Being Backfilled at 116-K-2 Mile Long Trench

100-K Area

- Completed backfill of the 116-K-2 Mile Long Trench on 2/22/06, completing 3½ years of remediation at 100-K Area without a lost time accident.
- Initiated revegetation activities at 100-K Area.

100-IU-2 / 100-IU-6 Areas

- Continued design and submittal activities associated with the 100-IU-2 and 100-IU-6 Remaining Sites remediation.

100-N Area

- Awarded 116-N-1 backfill subcontract on 2/13/06.
- Initiated documentation for backfill concurrence.

618-10/618-11 Burial Grounds

- Completed the third independent review for, and briefed the regulators on, the development of options for remediation of the 618-10/11 Burial Grounds.

Loading Out 618-2 Material from Stockpile/Sorting Area

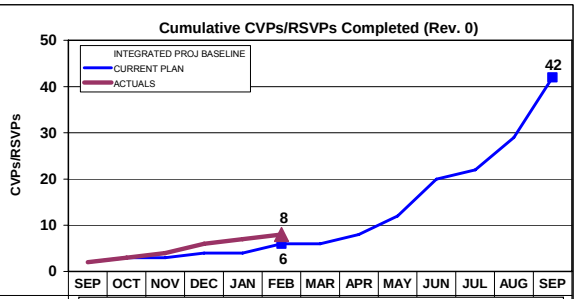
300 Area

- Completed loadout of the 618-2 East stockpile from the staging area and initiated loadout in the West stockpile.
- Started sorting and mixing of fixatives at the South Trench in the 618-2 Burial Ground.
- Initiated work with subcontractor to develop details for the 618-7 Burial Ground.
- Completed revegetation activities.

Engineering Design and Closure

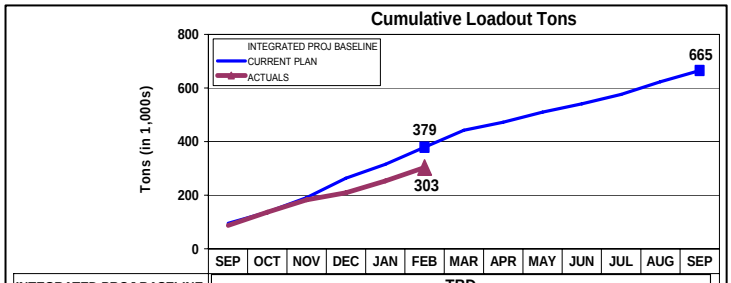
- Initiated preparation of 100-H Area Burial Ground and RTD Remaining Sites Design Package.
- Working with mentor protégé subcontractor to address design and remediation of the 600-149 unexploded ordinance (UXO) waste site.
- Participated in 100-D Area field remediation/groundwater interface meeting with FH, RL, and Ecology.
- Issued approved cleanup verification package (CVP) for 600-259 Lysimeter Site.
- Submitted 100-F-38 Draft A RSVP for RL/regulator review.
- Submitted 100-B-1 RSVP for RL/regulator review.

METRICS:

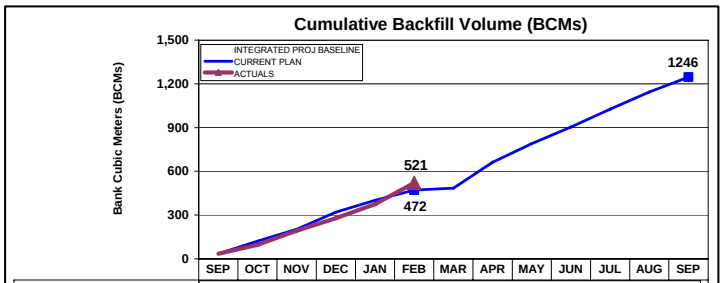


	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
INTEGRATED PROJ BASELINE	TBD												
CURRENT PLAN	2	3	3	4	4	6	6	8	12	20	22	29	42
ACTUALS	2	3	4	6	7	8							

METRICS: (cont'd)



	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
INTEGRATED PROJ BASELINE	TBD												
CURRENT PLAN	95	137	191	264	315	379	443	473	510	541	576	623	665
ACTUALS	88	137	183	209	253	303							



	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
INTEGRATED PROJ BASELINE	TBD												
CURRENT PLAN	35	121	203	320	401	472	485	662	790	904	1027	1144	1246
ACTUALS	35	97	193	279	375	521							

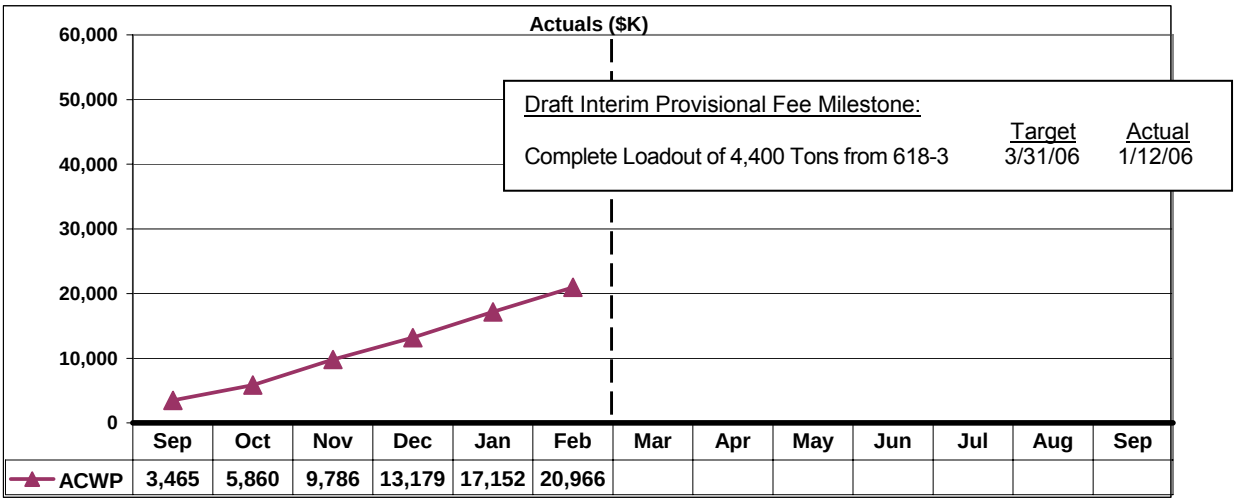
TPA MILESTONES:

- **M-16-63 - *Completed*** - Submit a Schedule and TPA Milestones to Complete Interim Remedial Actions for 300-FF-2 Waste Sites and Confirmatory Sampling of 300-FF-2 Candidate Sites (due 12/31/05). ***RL transmitted proposed change request and draft baseline schedule to the regulators on 12/29/05 for review and approval.***
- **M-16-46 -** Due 7/31/06 - Initiate Remedial Actions for Remaining Waste Sites for 100-D Area. *On schedule*.

SCHEDULE:

FY06 second quarter draft interim provisional fee milestone (complete loadout of 4,400 tons from 618-3 by 3/31/06) was completed on 1/12/06, more than two months ahead of schedule.

PERFORMANCE:



	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
ACWP	3,465	5,860	9,786	13,179	17,152	20,966							

TRENDS:

No significant trends identified this reporting period.

ACCELERATION INITIATIVES:

Key outyear acceleration initiatives included 100-IU-2/100-IU-6 and 100-D Area field remediation.

ISSUES:

Delayed receipt of backfill concurrence may affect ability to start backfill at 116-N-1 Crib in March.
Status: Project working with the regulators to try to accelerate backfill concurrence.

90-DAY LOOK AHEAD:

Major Activities:

100-B/C Burial Grounds and Remaining Sites

- Complete loadout of excavated material from 118-B-1 (March).
- Complete excavation and loadout of the 118-C-1 Burial Ground (April).
- Initiate mercury amalgamation activities at 118-B-1 (April).
- Complete excavation/loadout of trenches and stockpile material at RPAS 100-C-9 and 100-B-14 (April).
- Complete revegetation activities at 100-B/C (March).

100-D Area

- Award 100-D Remaining Sites and Burial Grounds contract (April).

100-F Area

- Initiate loadout of the 118-F-6 Burial Ground (March).

100-K Area

- Complete revegetation activities at 100-K (March).
- Initiate remediation of the 118-K-1 Burial Ground (April).

100-IU-2 / 100-IU-6 Areas

- Initiate mobilization activities (March).

100-N Area

- Initiate mobilization activities and begin backfill for the 116-N-1 Crib (March).
- Obtain backfill concurrence (early March).

300 Area

- Re-initiate excavation in the 618-2 Burial Ground (March).
- Inspect the interior of the safe (previously excavated in 618-2) and sample safe contents (March).

Engineering Design and Closure

- Complete 95% upper confidence limit, maximum contaminant level, and RESRAD calculations supporting 116-N-1 backfill concurrence (March).
- Issue Draft A 100-NR-1 RDR/RAWP and SAP documents for RL/regulator review (March).
- Issue 100-D and 100-H Area Burial Grounds and RTD Remaining Sites Final Hazard Classification (FHC)/Auditable Safety Analysis (ASA) for RL review (March).
- Initiate 100-B/C (ASAP) and 100-D Area failed confirmatory sites design (all must be put in contract) (March).
- Complete the first 300 Area supplemental design package (May).
- Complete sampling of three 300 Area Remaining Sites: 300-7, 300-9, and 331 LSLDF (March).

618-10 / 618-11 Burial Grounds

- Complete assessment of feasible options and hold independent review (April).
- Complete the final characterization model for 618-10/11 Burial Grounds (March).

GFS/I Actions:

Activity	Planned Submittal Date to RL	Requested Return Date from RL
RL Prepare/Approve Certification/Verification Plan 118-K-1	N/A	3/16/2006
RL Approve WCH Plan of Action 118-K-1	2/9/2006 (A)	3/9/2006
RL Sign/Issue Rev. 0 Closure Document 100-F-38	2/16/2006 (A)	4/3/2006
RL Review Draft A 100-B-1 Closeout Document	2/22/2006 (A)	4/10/2006
RL Recommend Startup of 118-K-1	N/A	4/10/2006
RL Review 1607-H3 Draft A WI	2/23/2006 (A)	3/15/2006
RL Review Draft A 100-B-14 WI	2/23/2006 (A)	3/9/2006
RL Approve/Sign Rev. 0 WI 1607-F7	2/28/2006 (A)	3/16/2006
RL Review Draft A 128-B-3 WI	3/2/2006 (A)	3/16/2006
RL Review Draft A Closeout Document 116-K-2	3/3/2006 (A)	4/6/2006
RL Review 100-D Area AB Document	3/6/2006 (A)	5/8/2006

GFS/I Actions: (cont'd)

Activity	Planned Submittal Date to RL	Requested Return Date from RL
RL Review of Draft A Closeout Document 116-N-1	3/10/2006	4/24/2006
RL Review 100-D-24 Draft A Closeout Document	3/13/2006	4/13/2006
RL Approve/Signature 100-H-3 Rev. 0 WI	3/13/2006	3/16/2006
RL Review 100-NR-1 RDR	3/14/2006	4/24/2006
RL Approve/Signature Rev. 0 WI 116-F-15	3/16/2006	3/22/2006
RL Transmit 100-NR-1 RDR for Regulators Review	3/18/2006	3/23/2006
RL Transmit 100-NR-1 SAP for Regulators Review	3/20/2006	3/30/2006
RL Approve/Signature 100-B-14 Rev. 0 WI	3/20/2006	3/23/2006
RL Approve/Signature 100-H-4 Rev. 0 WI	3/20/2006	3/23/2006
RL Approve/Signature 1607-H3 Rev. 0 WI	3/23/2006	3/29/2006
RL Approve/Signature 128-B-3 Rev. 0 WI	3/27/2006	3/30/2006
RL Sign/Issue Rev. 0 Closeout Document 300-VTS	3/27/2006	3/30/2006
RL Review 100-NR-1 SAP	4/3/2006	5/11/2006
RL Sign/Issue Rev. 0 Closure Document 116-K-2	4/12/2006	4/18/2006
RL Review Draft A Closeout Document 126-F-2	4/13/2006	5/17/2006
RL Review Draft A 100-C-9 WI	4/18/2006	4/24/2006
RL Sign/Issue 118-B-6 Rev. 0 Closeout Document	4/19/2006	4/25/2006
RL Review Draft A 118-B-6 Closeout Document	4/24/2006	6/5/2006
RL Review 1607-B-2 Draft A Closeout Document	4/24/2006	5/25/2006
RL Review Draft A Closeout Document 132-F-1	4/24/2006	5/25/2006
RL Review Draft A Closure Document 100-F-33	4/24/2006	5/25/2006
RL Sign/Issue 100-B-1 Rev. 0 Closeout Document	4/26/2006	5/2/2006
RL Review of Draft A Closeout Document 141-C	4/27/2006	6/1/2006
RL Review Draft A Closure Document 100-F-31	4/27/2006	6/1/2006
RL Approve/Signature 100-C-9 Rev. 0 WI	5/1/2006	5/4/2006
RL Sign 100-D-24 Rev. 0 Closeout Document	5/3/2006	5/9/2006
RL Review Draft A 116-C-3 WI	5/16/2006	5/22/2006
RL Review Draft A 126-B-3 RSVP	5/18/2006	7/3/2006
RL Review Draft A Closeout Document 618-3	5/18/2006	6/22/2006
RL Review Draft A Closeout Document 618-8	5/22/2006	6/26/2006
RL Review Draft A Closeout Document 1607-F7	5/25/2006	6/29/2006
RL Review Draft A 120-B-1 WI	5/30/2006	6/5/2006
RL Approve/Signature 116-C-3 Rev. 0 WI	5/31/2006	6/5/2006
RL Prepare SER for 100-D Area ASA	5/31/2006	6/20/2006

REGULATORY INTERACTIONS:

Require regulator support to meet activities/due dates identified in above table.

RIVER CORRIDOR CLOSURE PROJECT
WASTE OPERATIONS PROJECT
February 2006 Monthly Report

SAFETY:

FYTD: 4 first aids; 1 recordable-only; 1 lost restricted
Current Month: 3 first aids (dust in eye, possible strain to left shoulder, abrasion to chest); 1 recordable-only (laceration to forehead/right side/ sutures)

ACCOMPLISHMENTS:

- Received and disposed 320,764 tons of waste at ERDF since WCH assumed River Corridor cleanup responsibilities on 8/27/05.
- During February, suspended waste disposal operations at ERDF on 10 separate days and both transportation and disposal operations on 1 day due to inclement weather.
- Completed construction of five macroencapsulation pads.

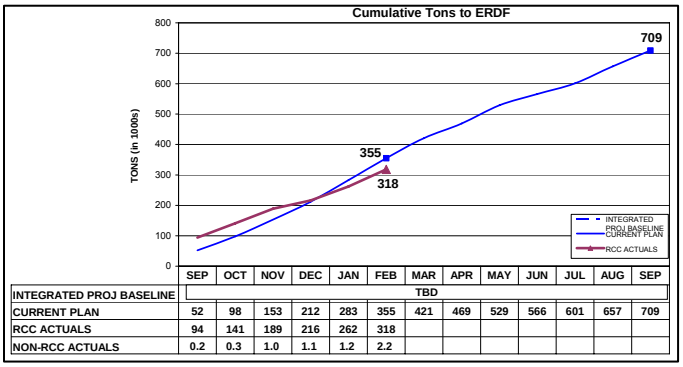
Forming a Macroencapsulation Pad in Cell 6

- Completed Wind Mitigation Study for Disposal Operations.
- Completed IP-1 Container Tarping Safety Study and will implement lessons learned from the study in the procurement of new containers.

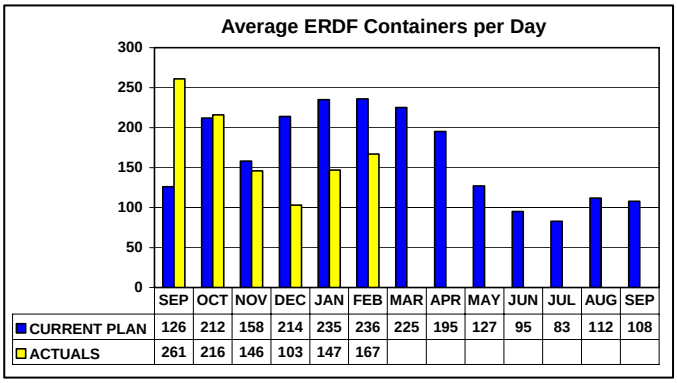
Disposing Beryllium-Contaminated Waste in Cells 5/6

- Awarded contract to procure 100 IP-1 roll-on/off containers.
- Issued purchase memorandum to Procurement for Transportation Services Master Agreement (direct haul/dump) RFP.
- Awarded contract to mentor protégé subcontractor for transportation services (roll-on/roll-off) and received first set of submittals.
- Added two shuttle trucks and teamsters to the disposal operations (support additional waste volumes).
- Installed WMIS reader-board at the ERDF scale and began programming and beta testing.

WASTE OPERATIONS METRICS:



	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
INTEGRATED PROJ BASELINE	TBD												
CURRENT PLAN	52	98	153	212	283	355	421	469	529	566	601	657	709
RCC ACTUALS	94	141	189	216	262	318							
NON-RCC ACTUALS	0.2	0.3	1.0	1.1	1.2	2.2							



	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
CURRENT PLAN	126	212	158	214	235	236	225	195	127	95	83	112	108
ACTUALS	261	216	146	103	147	167							

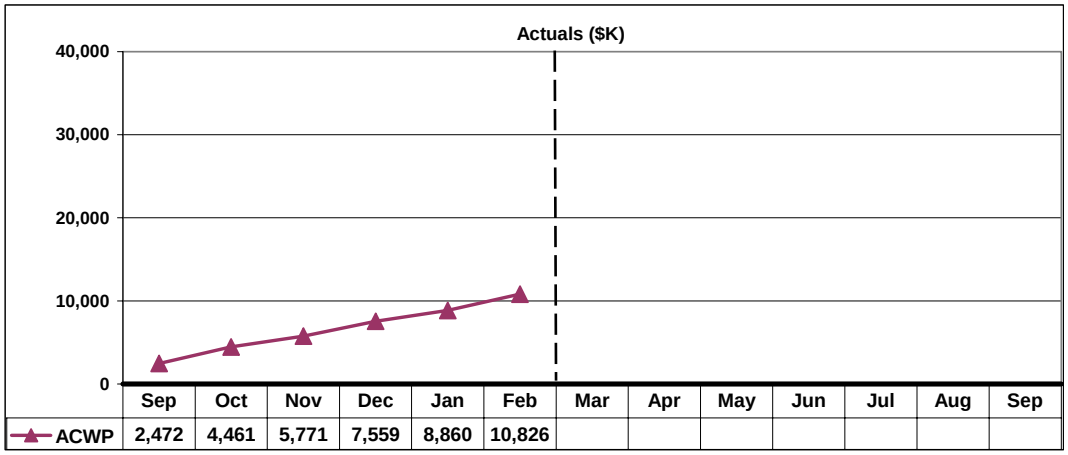
Waste Received at the ERDF
February FY06 (Data through February 19, 2006)

Projects Shipped	Quantities in U.S. Tons: Month Ending	Fiscal Year 2006	Since Beginning of Contract
100 BC	22,819	90,205	102,049
100 D	0	0	0
100 F	15,341	69,404	92,056
100 H	0	0	0
100 K	0	15,300	48,930
100 N	0	5,137	15,963
300 Area	13,394	32,901	46,003
600 Area (Horseshoe Landfill)	0	768	768
RCC Other	0	2	3
RCC D4 - 100 Area	3,798	6,921	8,649
RCC D4 - 300 Area	955	3,906	3,961
FDH	1,149	2,175	2,383
Other (HGP, PNNL)	0	0	0
Total FR	**51,554**	**213,715**	**305,768**
Total D4	**4,753**	**10,827**	**12,610**
Total RCC	**56,307**	**224,545**	**318,381**
Total All Sources	**57,456**	**226,720**	**320,764**
Total Tons Since August 27, 2005 =			**320,764**
Grand Total of ERDF Tons Since July 1, 1996 =			**6,370,596**

SCHEDULE:

Completed FY06 first quarter interim provisional fee milestone (transport 212,130 tons to ERDF by 12/22/05) on 12/15/05, seven days ahead of schedule.

PERFORMANCE:



	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
ACWP	2,472	4,461	5,771	7,559	8,860	10,826							

TRENDS:

No significant trends identified this reporting period.

ACCELERATION INITIATIVES:

Accelerated waste operation support to the 100-IU-2/100-IU-6 and 100-D Area field remediation acceleration initiatives.

ISSUES:

Need to identify path forward for waste streams that cannot be sent to ERDF. Contract indicates such wastes should be sent to CWC, but this may not be feasible in all cases.
Status: Currently discussing potential solutions with RL and FH. Interim approvals have been received for a limited number of offsite waste items.

90-DAY LOOK AHEAD:

Major Activities:

- Obtain RL approval to award the ERDF Disposal Operations subcontract and transition to new subcontract (March/April).
- Fabricate/deliver the IP-1 containers (March-June).
- Begin formation and award of subcontract to construct the interim cover for Cells 3/4 (April-June).
- Issue Master Transportation RFP (March-April).
- Complete transition to the transportation mentor protégé subcontractor (March/April).

GFS/I Actions:

Activity	Planned Submittal Date to RL	Requested Return Date from RL
Agreement from RL on resolution of contract and funding issues regarding disposition of waste streams that cannot be received at ERDF.	2/15/06 (A)	3/17/06

REGULATORY INTERACTIONS:

Responded to EPA questions concerning other Hanford Site contractor waste received from FH (21 waste boxes from 218-W-4C "sorted and grouted offsite by PECOS" for FH).

SAFETY:

There have been no first aid, recordable, restricted, or lost away incidents experienced within the End State and Final Closure Project through fiscal year to date.

ACCOMPLISHMENTS:

Risk Assessment

- Completed pore water and surface water sampling in the near-shore portion of the Columbia River.
- Initiated sediment and sculpin sampling.
- Finalized 100/300 Area Sampling and Analysis Plan (SAP); approval pending.
- Issued the 100-B/C Pilot Risk Assessment Report, Draft B to RL.
- Continuing preparation of the source and groundwater integrated strategy document.
- Continuing to evaluate data compiled for the Columbia River Component (CRC) in support of scope definition for risk assessment purposes.
- Initiated the fall sampling data summary report which will include a performance assessment of multi-increment sampling.

Sculpin tend to be small with a typical maximum size of about 4 inches. Coloration can also vary.

All sculpin from a sampling zone are kept together. Each sculpin is examined individually for physical conditions such as parasites and abnormal fin size.

After the sculpin are examined, they are blended with dry ice to make a more homogeneous sample for contaminant analysis.

River sediment is gathered from the riparian zone in the same areas where the rock baskets, clam tubes, and pore water sampling tubes are placed. The samplers remove the larger pebbles so that the finer particles are collected.

Long Term Stewardship

- Initiated operational testing of the River Corridor Closure database.
- Completed strategy planning for the 300 Area industrial cleanup approach analysis workscope.
- Continued development of ESFC project data management procedures.

Orphan Sites

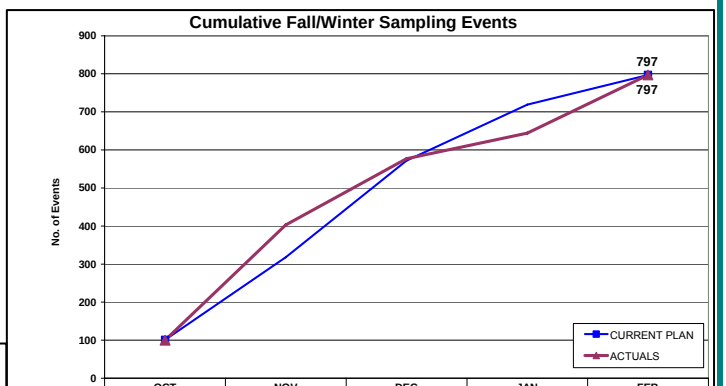
- Finalizing historical review subtask as part of the orphan sites evaluation for the 100-D Area.
- Continued lessons learned evaluation for the interim (non-operational) areas of the river corridor.

TPA MILESTONES:

- **M-16-70** ***Completed*** Begin Sampling to Support the 100 Area and 300 Area Component of the River Corridor Baseline Risk Assessment (due 10/30/05). ***Completed 10/13/05, two weeks ahead of schedule.***

Sampling events consist of surveying sites, staking sites, installing dosimeters, installing capture containers, and collecting samples.

METRIC:

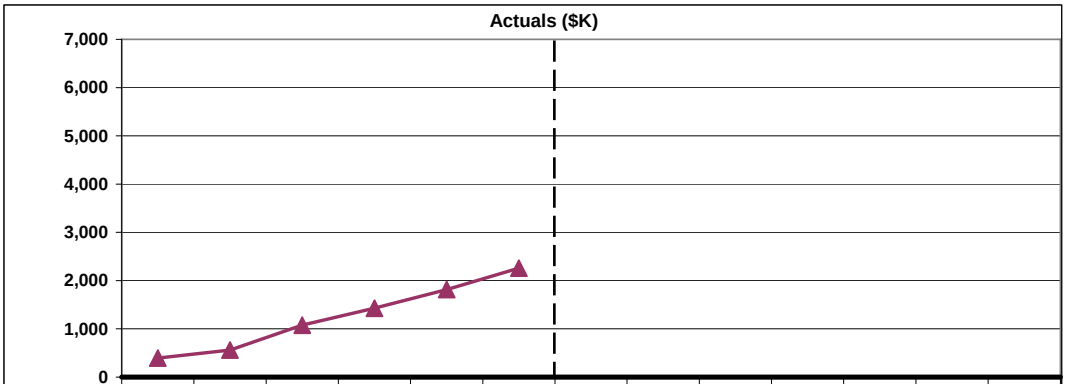


	OCT	NOV	DEC	JAN	FEB
CURRENT PLAN	101	318	572	719	797
ACTUALS	100	403	577	644	797

SCHEDULE:

End State and Final Closure Project does not have any FY06 interim provisional fee milestones.

PERFORMANCE:



	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
ACWP	394	562	1,075	1,430	1,815	2,257							

TRENDS:

No significant trends identified this reporting period.

ACCELERATION INITIATIVES:

Accelerated orphan sites historical review to support the acceleration initiative of 100-IU-2/100-IU-6 field remediation.

ISSUES:

No significant issues for this reporting period.

90-DAY LOOK AHEAD:

Major Activities:

Risk Assessment

- Issue Rev. 0 of the 100 Area and 300 Area Component of the RCBRA Sampling and Analysis Plan (DOE/RL-2005-42) (March).
- Continue field sampling activities to support the 100 Area and 300 Area Component of the RCBRA (March-May). Fall sampling results summary will be available in early June.
- Continue the Columbia River Component Data Evaluation scoping report which will be used to define the risk assessment scope and revise the associated Draft A CRC risk assessment work plan (March-May). Boundary discussion expected to occur with the Tri-Parties in late March.
- Continue preparing the Integrated Source and Groundwater Strategy Document (March-May).

Long Term Stewardship

- Conduct field demonstration of the River Corridor Closure database (April).
- Develop/revise data management procedures and guides (March-May).

Orphan Sites

- Complete historical review for the 100-D Area orphan site evaluation (April).
- Initiate field walkdown activities for the 100-D Area orphan site evaluation (April).

GFS/I Actions:

Activity	Planned Submittal Date to RL	Requested Return Date from RL
RL Review Columbia River Component Data Evaluation Scoping Report	5/4/06	5/11/06

REGULATORY INTERACTIONS:

None for this reporting period.

SAFETY:

There have been no first aid, recordable, restricted, or lost away incidents experienced within the Mission/General Support group through fiscal year to date.

ACCOMPLISHMENTS:

Engineering

- Delivered Pre-existing Condition Awareness training to staff in Sigma I, HS-II, and HS-III.
- Issued Master Service Agreement (MSA) Request for Proposal (RFP) for Managed Tasks; proposals pending.
- Issued MSA RFP for Staff Augmentation. Proposals received, award pending.
- Initiated a review of engineering options to support ERDF on high-wind effect mitigation.
- Initiated a review of engineering options to support Field Remediation and D4 Projects on mitigation of roll-off tarpaulin handling injuries.
- Completed initial assessment of requirements for verification of staff qualification (SQEP).
- Completed Washington Professional Engineer application for G. Snow.

ESHQ

- Received Chronic Beryllium Disease Prevention Plan (CBDPP) approval from RL.
- Submitted to RL WCH-4, Integrated Safety Management System Description Rev. 1 (Contract Deliverable C.3.1) for approval on 2/27/06.
- Submitted the Environmental Protection and Compliance Plan (EPCP) to RL for approval on 2/27/06.

Project Integration

- Continued support on inquiries and comments from DOE-RL and HQ on the Integrated Project Baseline (IPB).
- Assessing External Independent Review (EIR) and RL IPB comments.
- Continued revising/rewriting Project Integration suite of procedures.

Project Services

- Received Modification No. 14 which included several administrative revisions including DOE Directives, billing instructions, and new clauses.
- Obtained RL formal approval of the WCH Project Incentive Program for 2006 and a supplemental payout for four months of 2005.
- Completed communications rollout of the Project Incentive Program. Meetings were held with management and employees.
- Issued Salary Fund Expenditure Report for Calendar Year 2005 (CY05) to RL.
- Completed draft review of the Workforce Restructuring Plan with RL; received comments and began efforts to finalize the submittal for approval.
- Awarded a subcontract for pre-employment background investigations to a small, woman-owned business.
- Received payment of first fee invoice on 2/2/06 for the third and fourth quarters of CY05.
- Reached a tentative agreement with the International Union of Operating Engineers for implementation of the Washington Administrative Code requirements for water purification and distribution requirements. All of the WCH Stationary Operating Engineers will be required to complete the certification process for these requirements.
- Submitted Workforce Information System input on the Collective Bargaining Agreement Module to RL within timeframe prescribed by DOE Order 350.1.
- Completed contract requirement to submit a copy of the HAMTC Collective Bargaining Agreement to DOE within 30-60 days of formal ratification.
- Developed scope statement and detailed procurement schedule for labor broker subcontractor procurement. Anticipate release of the RFP for labor brokering services by the end of March with award of the subcontract expected in June.
- Received RL Contracting Officer approval of WCH Procurement Procedures for CY06.
- Issued Prequalification Questionnaire for the Construction Master Agreement and RFP's for Waste Characterization Master Agreement, Staff Augmentation Engineering Services Support Master Agreement, and Transportation Master Agreement.
- Awarded contracts to two mentor protégé subcontractors: the 300-FF-2 Development of Field Operations Staff Augmentation and the ERDF Transportation Transition contracts.
- Submitted the WCH Balanced Scorecard Report for the first quarter of FY06 to RL on 2/2/06.

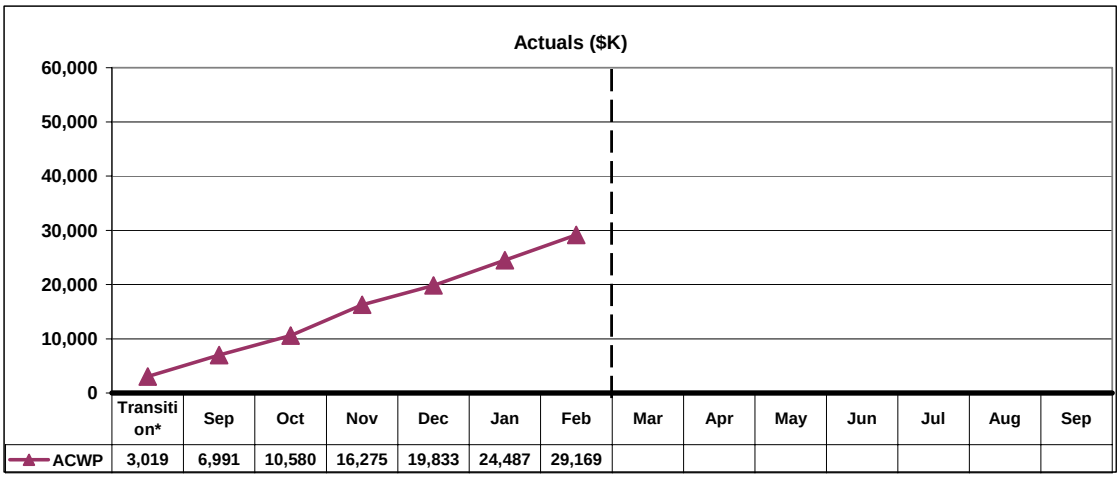
Regulatory Integration and Outreach

- Attended Joint Legislative meeting in Olympia with the Tri-City area Chambers of Commerce.
- Attended the Hanford Advisory Board (HAB) meeting in Richland on 2/3/06.
- Led a Regulatory Strategy Workshop attended by WCH Legal, Risk Management, regulatory leads, and regulators on 2/8/06.
- Met with the President of the B Reactor Museum Association (BRMA) on 2/22/06 at the request of RL.
- Briefed RL on proposed Deactivation, Decontamination, Decommissioning, and Demolition (D4) Characterization Initiative communication strategy.
- Led two Brown Bag meetings during February, and 100/300 Area Unit Manager Meeting on 2/9/06.
- Provided support to D4 on the permitting strategy for 305B.
- Provided support to define the Remaining Sites Verification Packages (RSVP) and Cleanup Verification Package (CVP) approval process with EPA and Ecology.
- Organized and attended media event on WCH's 100-N Area demolition progress on 2/3/06.
- Attended United Way Campaign celebration on 2/21/06 where WCH received an award for contributions.
- Met with Umatilla Tribe in Mission, Oregon on 2/23/06 to establish working relationship and protocols.
- Scoped communications for Doc Hastings cleanup caucus and related Congressional delegation outreach trip to Washington, D.C. on 3/27-31/06.
- Provided support for the public comment period (2/27/06 through 4/3/06) for the 300 Area Engineering Evaluation/Cost Analysis (EE/CA) #2.

SCHEDULE:

Mission/General Support does not have any FY06 interim provisional fee milestones.

PERFORMANCE:



	Transition*	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
ACWP	3,019	6,991	10,580	16,275	19,833	24,487	29,169							

*Transition costs through September 2005

TRENDS:

No significant trends identified this reporting period.

ACCELERATION INITIATIVES:

None for this reporting period.

ISSUES:

- The reported 15-month extension given to Pacific Northwest National Laboratory (PNNL) for moving from the 300 Area may adversely affect the WCH demolition/remediation schedule.
  Status: Upon receipt of formal notification from RL, WCH will assess the impact to the schedule and develop potential mitigations.
- Ecology and EPA have requested an evaluation of ecological risk in the CVPs/RSVPs for waste sites that have been either remediated or are designated as 'No Action' sites. The evaluation is not a requirement of the Record of Decision (ROD) and therefore is not part of the CVP/RSVP. However, ecological risk assessments are planned in the future as part of the End State and Final Closure (EFSC) Project's risk assessment scope.
  Status: WCH and Tri-Party Agreement (TPA) members are working together to reach agreement on how to address ecological risk evaluations that are requested earlier than the planned ESFC assessments, without negatively affecting WCH work approval processes and schedule.

90-DAY LOOK AHEAD:

Major Activities:

Engineering Services

- Complete Pre-existing Condition Awareness training in all project areas (March).
- Deliver presentation to Directors and others on WCH approach to verification of staff qualifications (SQEP) (March).
- Award MSAs for Staff Augmentation and Managed Tasks (March).
- Complete revision of Engineering procedures for ISMS Phase 1 verification review (March).
- Deliver presentation on recommendations for ERDF high-wind effect mitigation (March).
- Enroll and initiate Safety Trained Supervisor (STS) training for project engineers and Field Remediation managers (March).

ESHQ

- Support the RL ISMS Phase I verification (April).
- Complete the revision of Safety, Radiological Control, Environmental, and QA procedures to comply with ISMSD (March).
- Submit Quality Assurance Program Description to RL (March).

Project Integration

- Complete submittal of Project Integration draft procedures (March).
- Respond to DOE and EIR comments on the IPB; issue as final (March).
- Develop Contractor Performance Plan (CPP) guidance (March).
- Submit Government Furnished Services and Information (GFS/I) request (March/April).

Project Services

- Conduct impact negotiations with HAMTC/IUOE Local 280 over the Washington Administrative Code requirements for water distribution systems and basic treatment operations (March).
- Commence negotiations with HAMTC regarding implementation of drug testing policies covering Department of Transportation commercial driver license (CDL) requirements and WCH general testing program for reasonable suspicion/cause and post-accident occurrences (March-September). Also, begin negotiations with HAMTC/Steelworkers Local 12-369 on Appendix A matters (March).
- Participate in vendor evaluations for replacement financial system (May).
- Participate in selection of replacement bank for the Site Letter of Credit banking contract (April).

Regulatory Integration and Outreach

- 100/300 Area Unit Managers Meetings: 3/9/06, 4/13/06, and 5/11/06.
- Bi-monthly Brown Bag meetings with regulators: 3/7/06, 3/21/06, 4/4/06, 4/18/06, 5/2/06, and 5/16/06.
- Hanford Advisory Board meetings on 4/6-7/06.
- Atomic Heritage Society Tour of B Reactor on 3/2/06.
- History Channel -"Lost Civilizations" B Reactor Tour on 3/9-10/06.
- Congressional visit to Washington, D.C. on 3/28-31/06.
- Tri-Cities Industrial Development Council (TRIDEC) Annual Meeting on 3/31/06.

GFS/I Actions:

Activity	Planned Submittal Date to RL	Requested Return Date from RL
ESHQ		
Approve revised QAPD Deliverable C.3.2.3	3/2006	4/2006
Approve Integrated Safety Management System Document/Phase I Verification Deliverable C.3.1	2/27/06 (A)	5/28/06
Approve revised EPCP	2/27/06 (A)	3/28/06
Project Integration		
Approve Deliverable 5.2 Integrated Project Baseline	11/22/05 (A)	3/31/06
Project Services		
Coordinate approval of a Workforce Restructuring Plan	3/20/06	4/7/06