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**IDAHO NATIONAL ENGINEERING LABORATORY
ENVIRONMENTAL RESTORATION PROGRAM
SCHEDULE CONTINGENCY EVALUATION REPORT**

Published September 1993

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Prepared for the
U.S. Department of Energy
DOE Idaho Operations Office

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ABSTRACT

This report represents the schedule contingency evaluation done on the FY-93 Major System Acquisition (MSA) Baseline for the Idaho National Engineering Laboratory's (INEL) Environmental Restoration Program (ERP). A Schedule Contingency Evaluation Team (SCET) was established to evaluate schedule contingency on the MSA Baseline for the INEL ERP associated with completing work within milestones established in the baseline. Baseline schedules had been established considering enforceable deadlines contained in the Federal Facilities Agreement/Consent Order (FFA/CO), the agreement signed in 1992, by the State of Idaho, Department of Health & Welfare, the U. S. Environmental Protection Agency, Region 10, and the U. S. Department of Energy, Idaho Operations Office. The evaluation was based upon the application of standard schedule risk management techniques to the specific problems of the INEL ERP. The schedule contingency evaluation was designed to provide early visibility for potential schedule delays impacting enforceable deadlines. The focus of the analysis was on the duration of time needed to accomplish all required activities to achieve completion of the milestones in the baseline corresponding to the enforceable deadlines. Additionally, the analysis was designed to identify control of high-probability, high-impact schedule risk factors.

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**IDAHO NATIONAL ENGINEERING LABORATORY
ENVIRONMENTAL RESTORATION SCHEDULE CONTINGENCY EVALUATION**

EXECUTIVE SUMMARY

The schedule contingency evaluation for the Idaho National Engineering Laboratory (INEL) Environmental Restoration Program (ERP) was developed based upon standard risk evaluation techniques. Risk was quantified in terms of time and defined in terms of the FY-93 Major Systems Acquisition (MSA) Baseline milestones corresponding to the enforceable deadlines established in the Federal Facilities Agreement/Consent Order (FFA/CO). Table 1 lists the FFA/CO enforceable deadlines that were determined to be "at risk".

Table 1. FFA/CO Enforceable Deadlines at Risk

WAG 4	Landfills RI/FS	OU 4-12	Draft ROD Submitted to EPA/IDHW for Review
WAG 4	Comprehensive RI/FS	OU 4-13	Draft ROD Submitted to EPA/IDHW for Review
WAG 5	Comprehensive RI/FS	OU 5-12	Draft RI/FS SOW Submitted to EPA/IDHW for Review
WAG 7	Pad A RI/FS	OU 7-12	Draft ROD Submitted to EPA/IDHW for Review
WAG 7	Comprehensive RI/FS	OU 7-14	Draft ROD Submitted to EPA/IDHW for Review
WAG 10	Comprehensive RI/FS	OU 10-04	Draft RI/FS Submitted to EPA/IDHW for Review
WAG 10	Comprehensive RI/FS	OU 10-04	Draft ROD Submitted to EPA/IDHW for Review

Schedule contingency factors were determined in a bottoms up approach at the Cost Account level where operations managers determined their confidence in meeting the established MSA Baseline schedule. A two step process was used to obtain confidence levels, additional schedule time estimates based upon identified contingency, and causality. Each of the steps is identified below:

1. The Department of Energy (DOE) Idaho Operations Office (ID) Waste Area Group (WAG) managers in conjunction with the appropriate cost account managers and

members of the SRET selected a limited number of MSA Baseline milestones that provided a clear picture of the cost account activities on the critical path for FFA/CO enforceable deadlines. The activities between selected milestones were "Hammocked" together to identify a subproject for this evaluation. The total duration of the hammock in the MSA Baseline was considered the time allowed to complete all tasks and meet the end-point selected milestone corresponding to the FFA/CO enforceable deadline.

2. Confidence ratings of Ahead, On, Behind and Late (A, O, B, L) were assigned to each hammock by the appropriate cost account manager depending on his/her confidence in being able to accomplish all tasks required to meet the selected end-point milestone in the time specified in the FY-93 Baseline. These confidence ratings were not associated with any set value and were purely subjective. The level of resolution for meeting established baseline schedules was + or - one week. Scope and budget were to be considered constants as defined in the MSA Baseline. In all cases where Ahead, Behind or Late were selected by the individuals responsible for schedule planning and compliance, the cost account managers, they were required to quantify the contingency associated with their confidence rating and explain the contingency and quantification. If they were not confident in the schedule, they determined the time difference between the current schedule and a schedule that they would have confidence in meeting.

The schedule contingency was added to the hammocked durations and a "contingency-added" schedule recomputed for each operating unit (OU), WAG and the ERP. These contingency-added schedules were compared to the FFA/CO enforceable deadlines and possible problems identified. "At risk" deadlines were defined as any enforceable deadline with less than 14 days float between the deadline date and the corresponding planning milestone date. In each instance where the manager did not have confidence in meeting the established schedule, the causes of his/her concerns were determined and the controlling individuals, agencies or organizations identified. During detailed evaluations, certain logic errors were observed in the MSA Baseline schedule. These errors were corrected and the corrections communicated to those involved in the FY-94 Cost Account Plan development to ensure that the next set of planning data incorporated appropriate logic.

OVERVIEW

For all Environmental Restoration Programs (ERP), contingency is an integral part of the integrated Baseline for scope, schedule, and cost. At the Idaho National Engineering Laboratory (INEL), the contingency associated with implementing the ER Major Systems Acquisition (MSA) Baseline have been successfully addressed with regards to cost estimates. However, the contingency in meeting the schedule established in the MSA Baseline, which was designed to

meet requirements of the Federal Facilities Agreement/Consent Order (FFA/CO) had not been evaluated in any detail. A Schedule Contingency Evaluation Team (SCET) was established to assess schedule contingency and evaluate schedule risk for the INEL ERP associated with enforceable deadlines contained in the FFA/CO. The team was sponsored by the U.S. Department of Energy Idaho Operations Office (DOE-ID), and composed of representatives from Chem-Nuclear Geotech Inc., EG&G Idaho Inc., Westinghouse Idaho Nuclear Company (WINCO), and MK-Ferguson of Idaho Company Environmental Restoration Program (MK-FIC-ERP). Team members are listed in Appendix A. This report identifies schedule contingency associated with individual operating units and rolls-up that contingency to Waste Area Group (WAG) and total ER Program schedules and FFA/CO enforceable deadlines.

Schedule risk identified in this report is defined as the additional time required beyond the established schedule to perform the scope of work defined in the baseline based upon the uncertainties associated with those activities. Schedule contingency was evaluated at a macro level where schedule durations were viewed for a combination of activities between important milestones including the currently scheduled float between activities within the hammock. The focus of the analysis was on the duration of time needed to accomplish all required activities to achieve completion of the milestones in the baseline corresponding to the enforceable deadlines.

Schedule risk was evaluated during May 1993, for all of the environmental restoration activities except for those expected to result in a No Further Action decision, decontamination and decommissioning activities, state and tribal grants, technical support contractor activities, program management activities, and other direct-funded DOE-ID activities.

DEVELOPMENT OF CONFIDENCE RATINGS

In order to maintain the macro level perspective, it was decided that subjective evaluations of confidence in the established schedule, taking into account the known and unknown contingency, would be used. Four levels of confidence were selected that represented the possible schedule performance for the selected subprojects. The confidence ratings used were: (A) confident in completion ahead of schedule, (O) confident in completion on schedule, (B) probably complete behind schedule, and (L) confident that project would be late. Probability was not quantified but was considered accounted for in the cost account managers confidence ratings. The managers responsible for project completion were selected as the source of the confidence rating and other required data.

ANALYSIS PLAN & DATA REQUIREMENTS

The analysis plan was designed to evaluate the schedules for selected milestones in the INEL ERP MSA Baseline that directly supported the FFA/CO enforceable deadlines and the

activities in the schedule that were on the critical path for those milestones. The focus of the analysis was on the duration of time needed to accomplish all required activities to achieve completion of the milestones supporting the enforceable deadlines. FFA/CO deadlines would be identified as "at contingency" if the schedule had less than two week of float between the planning milestone and the deadline. Trend analysis was needed to evaluate any program-wide schedule contingency. All contingency associated threats to the established schedule needed to be identified, the nature of those threats identified and the extent of the impact on the schedule evaluated. Three data points were needed for each subproject to fulfill these evaluation requirements. These data points were: schedule confidence ratings, schedule differentials due to risk, and risk associated causality.

In order to limit the number of activities and milestones to a manageable number for analysis, the DOE WAG managers selected the most important milestones for their cost account level projects. Then the SCET developed subprojects from the MSA Baseline schedule by hammocking together the activities for the selected milestones. Subproject durations were determined by taking the difference between the scheduled start for the first activity in a hammock and the associated completion for the milestone identifying the completion of the hammocked activities.

The confidence of the operational cost account managers in completing the activities within a hammock, and therefore meeting the milestones, was the indicator for possible problems associated with schedule contingency. The impact of the contingency on the schedule required quantification. This was accomplished by having the operational cost account managers identify the causes of their lack of confidence in the established schedules for the identified subprojects and what schedule changes would be necessary for them to be confident in a new schedule. The level of resolution for schedule confidence and schedule contingency associated differentials used in the analysis was plus or minus one week.

The analysis plan required that integrated logic networks for precedence schedules be developed from the MSA Baseline for the hammocked subprojects. The contingency adjusted durations would then be applied and a new set of "contingency added" logic networks produced. By comparing these to networks, the schedule contingency would be visible and could be easily compared to the FFA/CO enforceable deadlines. Schedule contingency for the program was evaluated by comparing the program schedule in the MSA Baseline, reflected in the integrated schedule for the subprojects, with the integrated program schedule adjusted for the additional time required to mitigate identified schedule contingency. This time differential was added (or subtracted in cases of being ahead of schedule) to the duration and a new integrated schedule calculated with contingency. The "contingency-added" schedule was then overlaid with the FFA/CO enforceable deadlines.

The data was to be compiled and verified by the SCET by comparing confidence ratings with estimated differentials in weeks. Logic diagrams were prepared for the selected subprojects

at the WAG and Program level, with and without contingency. Color-coded Gantt charts for the operating units within each WAG were prepared to display the impact of contingency on the MSA Baseline schedule. The FFA/CO deadlines were overlaid on the Gantt charts and the enforceable deadlines "at risk" identified.

Trend analysis was accomplished by evaluating the identified causes listed for the confidence ratings of behind or late for similar subprojects.

DATA COLLECTION METHODOLOGY

A single data collection effort was designed to minimize the time required to collect the three data points for each hammocked subproject from the operational cost account managers. Data forms and instructions were developed by the SCET (see Appendix B) and distributed with a one week suspense. The forms were partially filled out by the SCET and identified the OU, the end-point milestone, the duration of the hammock/subproject, and the precedence between this hammock and other hammocks in the logic schedule. The cost account managers were instructed to provide contingency quantification and causality for all subprojects where their confidence rating was other than "on schedule". The data forms were collected and the data compiled into the integrated schedules for each cost account. The cost account data was at the operating unit (OU) level which was then rolled-up into WAG and program level schedules and compared to the FFA/CO deadlines.

RESULTS

Seven FFA/CO deadlines in six Operating Units were identified as "at risk" in this evaluation, but only two are "at risk" due to identified schedule uncertainty. The other five deadlines were at risk due to logic errors in the schedule in the MSA Baseline for FY-93. All the other FFA/CO deadlines had sufficient float in their FY-93 schedules to accommodate schedule uncertainties and identified logic errors.

During the development of the integrated logic networks for the OUs, WAGs and the ERP from the FY-93 MSA Baseline, logic planning errors were discovered where interfaces between activities were missing. Therefore, delays in one activity did not directly pass on to subsequent activities in the same projects and subsequent activities within the same WAG or between WAGs. Corrected logic networks were constructed and new schedules computed. The impact of these correction are indicated in blue on the schedules in Appendix C. This has resulted in three enforceable deadlines "at risk". The other two deadlines "at risk" are due to current planning with minimum float.

The MSA FY-93 Baseline planning dates for all the selected milestones used in this

evaluation are contained in Appendix D. The table also contains a column for corrected dates for milestones that were affected by planning errors. The third column is for milestone "contingency-added" dates and a fourth column for applicable enforceable FFA/CO deadlines. By comparing the dates for the milestones, the impact of contingency can be determined as well as the float remaining.

Operating unit schedules were developed from the integrated logic networks, both uncorrected and corrected, and with contingency factors added. These charts are in Appendix C.

The schedules in Appendix C show a single bar for all the subprojects within an OU, the applicable milestones (triangles) and FFA/CO deadlines (vertical bars). The schedules and milestones are color-coded for the FY-93 MSA Baseline (green), a corrected version of the baseline resolving the planning errors (blue), and contingency-add impacts (purple). FFA/CO deadlines are indicated by a black vertical bar and interfaces between the WAGs are in magenta. All FFA/CO deadlines at risk are indicated by a diamond in the color indicating the cause of the problem (original baseline planning, planning errors, or risk).

Trend analysis was unable to identify any trends in the causes of schedule contingency due to the small number of subprojects where schedule confidence was low. Individual samples were evaluated to attempt to determine who controlled the causes or processes that resulted in the identified schedule contingencies. Control of the identified significant schedule contingency factors could not be determined. The inability to achieve consensus and unexpected complexity of tasks were examples of the schedule contingency factors for which control cannot be determined. Delays in document reviews and approvals were caused by a variety of factors and again control was not determined.

The mitigation of schedule contingency's impact on the MSA Baseline schedule can be accomplished by planning for the identified schedule contingency while process improvement investigations are conducted to identify and eliminate the causes of schedule contingency.

CONCLUSIONS

The INEL ERP schedule is not "at risk". The timely identification of schedule contingency factors and existing planning errors has permitted corrective actions to be implemented through the FY-94 Cost Account Plan development process and development of the FY-94 MSA Baseline schedule.

A follow-on schedule contingency evaluation of the FY-94 MSA Baseline is recommended to verify effectiveness of the implemented corrective actions and identify any new contingency factors that could impact the schedule. A higher level of resolution is also

recommended for the analysis and data collection to identify the causes of schedule contingency and facilitate the development of process improvements to eliminate them. The time period for this evaluation is recommended to be the second quarter of FY-94, with the report due no later than the end of the third quarter of FY-94.

APPENDIX A

INEL Schedule Contingency Evaluation Team

INEL Schedule Contingency Evaluation Team

U. S. Department of Energy, Idaho Field Office

K. R. Hastings

RUST Geotech Inc.

R. A. Matthews

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MK-Ferguson of Idaho Company Environmental Restoration Program

D. A. Groetzinger

D. A. Fisher

APPENDIX B
DATA Forms & Instructions

Guidance for Completion of Schedule Contingency Data Sheets

1. No additional assumptions are permitted other than those used to complete the current Baseline. Assume no change in funding or scope.
2. The quality of the product, if there is a deliverable associated with the milestone, must be assured. The normal quality assurance process cannot be cut out to meet schedules.
3. Schedule risks are to be considered in the confidence rating. Assume that preceding milestones over which you have no control are being met.
4. This effort will only address the most significant milestones. CAP-level critical path milestones, milestones that are likely to become critical path due to risk, significant milestones with less than two weeks of float and milestones with interfaces should be considered for inclusion. Generally, no more than 5 milestones within a single cost account would be evaluated.

- Column 1: Provide the work package number in which the milestone is contained.
- Column 2: Provide the unique logic identification number for the milestone.
- Column 3: Waste Area Group and Operable Unit in which the milestone resides.
- Column 4: Milestone description as it appears in the work package. No modifications should be made to the text.
- Column 5: Total duration of the hammock from the beginning task to the milestone. Hammocks should include all tasks preceding the accomplishment of the milestone and may include less significant milestones within the hammock.
- Column 6: Baseline date on which the milestone is scheduled to be finished.
- Column 7: Work package number for the milestone which directly precedes the one being evaluated. If none, so state.
- Column 8: Unique identification number for the milestone which directly precedes the one being evaluated.
- Column 9: Work package number for the milestone which directly follows the one being evaluated. If none, so state.
- Column 10: Unique identification number for the milestone which directly follows the one being evaluated.
- Column 11: Classify your milestone completion estimate in one of the following ways:
- A - will be completed ahead of schedule
 - O - will be completed on schedule (+/- 1 week)
 - B - behind schedule with moderate assurance of schedule risk estimate
 - L - behind schedule with low assurance of schedule risk estimate

Column 12: Estimate, in weeks, deviation from the baseline schedule.

Column 13: Provide clear, concise explanations for the deviation from the baseline date.

Cost Account Number _____

[illegible]

Schedule Contingency Worksheet Waste Area Group 1

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Cost Account Title		WAG 1 Track 2 OUs				Cost Account Number		3XNA21000				
Milestone Reference		3. WAG/OU	4. Milestone Title	5. Hammock Duration (Weeks)	6. Baseline Finish Date	Prerequisite		Successor		11. Completion Classification	12. Schedule Risk (Weeks)	13. Baseline Deviation Basis
1. WBS Number	2. ID No.					7. WBS Number	8. ID No.	9. WBS Number	10. ID No.			
1.1.1.2.1.4	94	1-08	Submit Draft Summary Report to EPA/IDHW	65.4	2/3/95			1.1.1.4.1.1	37	O	0	N/A

Cost Account Title		WAG 1 Comprehensive RI/FS			Cost Account Number		3XNA32000					
Milestone Reference		3. WAG/OU	4. Milestone Title	5. Hammock Duration (Weeks)	6. Baseline Finish Date	Prerequisite		Successor		11. Completion Classification	12. Schedule Risk (Weeks)	13. Baseline Deviation Basis
1. WBS Number	2. ID No.					7. WBS Number	8. ID No.	9. WBS Number	10. ID No.			
1.1.1.4.1.1	37	1-10	Draft SOW Submitted to EPA/IDHW	18.3	8/18/95	1.1.1.2.1.4 1.1.1.3.1.1	84 24	1.1.1.4.1.1	39	O	0	NA
1.1.1.4.1.1	39	1-10	Submit Draft Work Plan to EPA/IDHW	17.4	10/23/95	1.1.1.4.1.1	37	1.1.1.4.1.2	24	O	0	NA
1.1.1.4.1.2	24	1-10	Submit Draft RI/FS Report to EPA/IDHW	81.2	8/17/97	1.1.1.4.1.1 1.1.1.6.1.1	39 84	1.1.1.4.1.3 1.1.10.1.1.2	10 39	O	0	NA
1.1.1.4.1.3	10	1-10	Submit Draft ROD to EPA/IDHW	43.0	4/30/98	1.1.1.4.1.2	24	1.1.1.4.1.3	23	O	0	NA
1.1.1.4.1.3	23	1-10	Final ROD Approved	17.0	8/31/98	1.1.1.4.1.3	10	1.1.1.2.010	450	O	0	NA

Cost Account Title		TAN Groundwater RI/FS				Cost Account Number		3XNA31000				
Milestone Reference		3. WAG/OU	4. Milestone Title	5. Hammock Duration (Weeks)	6. Baseline Finish Date	Prerequisite		Successor		11. Completion Classification	12. Schedule Risk (Weeks)	13. Baseline Deviation Basis
1. WBS Number	2. ID No.					7. WBS Number	8. ID No.	9. WBS Number	10. ID No.			
1.1.1.1.3.1.1	24	1-07B	Submit Draft RI/FS Report to EPA/IDHW	16.1	7/28/93			1.1.1.1.3.1.2	48	B	2	Increased complexity of report is causing a completion delay.
1.1.1.1.3.1.2	48	1-07B	Submit Draft ROD to EPA/IDHW	40.0	5/17/94	1.1.1.1.3.1.1	24	1.1.1.1.3.1.2	35	O	0	N/A
1.1.1.1.3.1.2	35	1-07B	Final ROD Approved	19.1	10/3/94	1.1.1.1.3.1.2	48	1.1.1.2.07B	450	O	0	N/A

Cost Account Title		Interim Action Planning TSF-07				Cost Account Number		3XNA41000				
Milestone Reference		3. WAG/OU	4. Milestone Title	5. Hammock Duration (Weeks)	6. Baseline Finish Date	Prerequisite		Successor		11. Completion Classification	12. Schedule Risk (Weeks)	13. Baseline Deviation Basis
1. WBS Number	2. ID No.					7. WBS Number	8. ID No.	9. WBS Number	10. ID No.			
1.1.1.1.6.1.1	49	1-08	Submit Draft SOW to EPA/IDHW	5.0	4/4/95			1.1.1.1.6.1.1	84	O	0	N/A
1.1.1.1.6.1.1	84	1-08	Submit Draft ROD to EPA/IDHW	44.0	2/23/96	1.1.1.1.6.1.1	49	1.1.1.1.6.1.1	45	O	0	N/A
								1.1.1.1.4.1.2	24			
1.1.1.1.6.1.1	45	1-08	Final ROD Approved	17.3	6/27/96	1.1.1.1.6.1.1	84	1.1.1.2.008	450	O	0	N/A

Cost Account Title			OU 1-7B TAN Groundwater RI/FS		Cost Account Number		1.1.1.2.7B							
Milestone Reference		3. WAG/OU	4. Milestone Title	5. Hammock Duration (Weeks)	6. Baseline Finish Date	Prerequisite		Successor		11. Completion Classification	12. Schedule Risk (Weeks)	13. Baseline Deviation Basis		
1. WBS Number	2. ID No.					7. WBS Number	8. ID No.	9. WBS Number	10. ID No.					
1.1.1.2.07B	450	1-07B	Submit Draft SOW/ROD Work Plan to EPA/IDHW	13.0	10/24/94	1.1.1.1.3.1.2	35	1.1.1.2.07B	198	O	0	NA		
1.1.1.2.07B	198	1-07B	Submit Draft Design to EPA/IDHW	18.0	3/13/95	1.1.1.2.07B	450	1.1.1.2.07B	617	O	0	NA		
1.1.1.2.07B	213	1-07B	Submit Draft RA Work Plan to EPA/IDHW	18.0	3/13/95	1.1.1.2.07B	450	1.1.1.2.07B	617	O	0	NA		
1.1.1.2.07B	617	1-07B	Submit Draft RA Report to EPA/IDHW	87.1	12/9/98	1.1.1.2.07B	198			O	0	NA		
1.1.1.2.07B	917	1-07B	Submit Draft O&M Report to EPA/IDHW	90.4	1/10/97	1.1.1.2.07B	198			O	0	NA		

Schedule Contingency Worksheet Waste Area Group 1

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Cost Account Title			Cost Account Number 1.1.1.2.07A									
Milestone Reference		3. WAG/OU	4. Milestone Title	5. Hammock Duration (Weeks)	6. Baseline Finish Date	Prerequisite		Successor		11. Completion Classification	12. Schedule Risk (Weeks)	13. Baseline Deviation Basis
1. WBS Number	2. ID No.					7. WBS Number	8. ID No.	9. WBS Number	10. ID No.			
1.1.1.2.07A	213	1-07A	Submit Draft RA Work Plan to EPA/IDHW	13,1	7/2/93			1.1.1.2.07A 1.1.1.2.07A 1.1.1.2.07A	198 617 917	O	0	N/A
1.1.1.2.07A	198	1-07A	Submit Draft GWTF Design to EPA/IDHW	16,1	7/26/93	1.1.1.2.07A	213	1.1.1.2.07A 1.1.1.2.07A	617 917	O	0	N/A
1.1.1.2.07A	617	1-07A	Submit RA Report to EPA/IDHW	9,2	5/31/95	1.1.1.2.07A 1.1.1.2.07A	213 198			O	0	N/A
1.1.1.2.07A	917	1-07A	Submit Draft O&M Report to EPA/IDHW	98,4	6/30/95	1.1.1.2.07A 1.1.1.2.07A	213 198			O	0	N/A

Cost Account Title			Cost Account Number 1.1.1.2.10									
Milestone Reference		3. WAG/OU	4. Milestone Title	5. Hammock Duration (Weeks)	6. Baseline Finish Date	Prerequisite		Successor		11. Completion Classification	12. Schedule Risk (Weeks)	13. Baseline Deviation Basis
1. WBS Number	2. ID No.					7. WBS Number	8. ID No.	9. WBS Number	10. ID No.			
1.1.1.2.010	450	1-10	Submit Draft SOW/RO Work Plan to EPA/IDHW	13,0	6/31/98	1.1.1.1.4.1.3	23	1.1.1.2.010 1.1.1.2.010	198 213	O	0	N/A
1.1.1.2.010	198	1-10	Submit Draft Design to EPA/IDHW	18,0	1/18/99	1.1.1.2.010 1.1.1.2.010	450 213	1.1.1.2.010 1.1.1.2.010	617 917	O	0	N/A
1.1.1.2.010	213	1-10	Submit Draft RA Work Plan to EPA/IDHW	18,0	1/18/99	1.1.1.2.010	450	1.1.1.2.010 1.1.1.2.010 1.1.1.2.010	617 917 198	O	0	N/A
1.1.1.2.010	617	1-10	Submit Draft RA Report to EPA/IDHW	121,2	6/25/01	1.1.1.2.010 1.1.1.2.010	198 213			O	0	N/A
1.1.1.2.010	917	1-10	Submit Draft O&M Report to EPA/IDHW	125,2	7/24/01	1.1.1.2.010 1.1.1.2.010	198 213			O	0	N/A

Cost Account Title			Cost Account Number 1.1.1.2.06									
Milestone Reference		3. WAG/OU	4. Milestone Title	5. Hammock Duration (Weeks)	6. Baseline Finish Date	Prerequisite		Successor		11. Completion Classification	12. Schedule Risk (Weeks)	13. Baseline Deviation Basis
1. WBS Number	2. ID No.					7. WBS Number	8. ID No.	9. WBS Number	10. ID No.			
1.1.1.2.006	450	1-06	Submit Draft SOW/RO Work Plan to EPA/IDHW	13,3	6/27/98	1.1.1.1.6.1.1	45	1.1.1.2.006 1.1.1.2.006	198 213	O	0	N/A
1.1.1.2.006	198	1-06	Submit Draft Design to EPA/IDHW	18,3	11/7/98	1.1.1.2.006 1.1.1.2.006	450 213	1.1.1.2.006 1.1.1.2.006	617 917	O	0	N/A
1.1.1.2.006	213	1-06	Submit Draft RA Work Plan to EPA/IDHW	18,3	11/7/98	1.1.1.2.006	450	1.1.1.2.006 1.1.1.2.006 1.1.1.2.006	617 917 198	O	0	N/A
1.1.1.2.006	617	1-06	Submit Draft RA Report to EPA/IDHW	100,4	11/20/98	1.1.1.2.006 1.1.1.2.006	198 213			O	0	N/A
1.1.1.2.006	917	1-06	Submit Draft O&M Report to EPA/IDHW	100,4	12/22/98	1.1.1.2.006 1.1.1.2.006	198 213			O	0	N/A

Schedule Contingency Worksheet Waste Area Group 2

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Cost Account Title		OU2-09 Sewage Treatment Plant Waste Pond				Cost Account Number 1.1.2.2.9				11. Completion Classification	12. Schedule Risk (Weeks)	13. Baseline Deviation Basis
Milestone Reference		3. WAG/OU	4. Milestone Title	5. Hammock Duration (Weeks)	6. Baseline Finish Date	Prerequisite		Successor				
1. WBS Number	2. ID No.					7. WBS Number	8. ID No.	9. WBS Number	10. ID No.			
1.1.2.2.009	450	2-09	Submit Draft SOW/RD Work Plan to EPA/IDHW	13.0	7/26/94	1.1.2.1.1.9.6	18B	1.1.2.2.009 1.1.2.2.009	198 213	N/A	0	Interim Action will not be performed.
1.1.2.2.009	198	2-09	Submit Draft Design to EPA/IDHW	19.0	12/12/94	1.1.2.2.009 1.1.2.2.009	450 213	1.1.2.2.009 1.1.2.2.009	617 917	N/A	0	Interim Action will not be performed.
1.1.2.2.009	213	2-09	Submit Draft RA Work Plan to EPA/IDHW	19.0	12/12/94	1.1.2.2.009	450	1.1.2.2.009 1.1.2.2.009	617 917 198	N/A	0	Interim Action will not be performed.
1.1.2.2.009	617	2-09	Submit Draft RA Report to EPA/IDHW	78.0	7/10/96	1.1.2.2.009 1.1.2.2.009	198 213			N/A	0	Interim Action will not be performed.
1.1.2.2.009	917	2-09	Submit Draft O&M Report to EPA/IDHW	82.1	8/8/96	1.1.2.2.009 1.1.2.2.009	198 213			N/A	0	Interim Action will not be performed.

Cost Account Title		OU 2-13 Assessment				Cost Account Number				3XA06D000		
Milestone Reference		3. WAG/OU	4. Milestone Title	5. Hammock Duration (Weeks)	6. Baseline Finish Date	Prerequisite		Successor		11. Completion Classification	12. Schedule Risk (Weeks)	13. Baseline Deviation Basis
1. WBS Number	2. ID No.					7. WBS Number	8. ID No.	9. WBS Number	10. ID No.			
1.1.2.1.1.D.1	37	2-13	Draft SOW Submitted to EPA/IDHW	6,4	6/18/96	1.1.2.1.1.4.6	5A	1.1.2.1.1.D.1	39	O	0	N/A
1.1.2.1.1.D.1	39	2-13	Submit Draft Work Plan to EPA/IDHW	21,1	11/18/96	1.1.2.1.1.D.1	37	1.1.2.1.1.D.2	24	O	0	N/A
1.1.2.1.1.D.2	24	2-13	Submit Draft RI/FS Report to EPA/IDHW	79,0	6/25/98	1.1.2.1.1.D.1	39	1.1.2.1.1.D.3 1.1.10.1.1.1.2	10 39	O	0	N/A
1.1.2.1.1.D.3	10	2-13	Submit Draft ROD to EPA/IDHW	47,4	6/14/99	1.1.2.1.1.D.2	24	1.1.2.1.1.D.3	23	O	0	N/A
1.1.2.1.1.D.3	23	2-13	Final ROD Approved	22,2	11/22/99	1.1.2.1.1.D.3	10			O	0	N/A

Cos! Account Title		OU 2-04 Assessment				Cost Account Number				3XA014000		
Milestone Reference		3. WAG/OU	4. Milestone Title	5. Hammock Duration (Weeks)	6. Baseline Finish Date	Prerequisite		Successor		11. Completion Classification	12. Schedule Risk (Weeks)	13. Baseline Deviation Basis
1. WBS Number	2. ID No.					7. WBS Number	8. ID No.	9. WBS Number	10. ID No.			
1.1.2.1.1.4.6	5A	2-04	Submit Draft Summary Report to EPA/IDHW	81,4	1/31/95			1.1.2.1.1.D.1	37	O	0	N/A

This includes OUs 2-03, 2-04, 2-06, 2-08, 2-11.

Cost Account Title		OU 2-09 Assessment				Cost Account Number 3XA014000				11. Completion Classification	12. Schedule Risk (Weeks)	13. Baseline Deviation Basis
Milestone Reference		3. WAG/OU	4. Milestone Title	5. Hammock Duration (Weeks)	6. Baseline Finish Date	Prerequisite		Successor				
1. WBS Number	2. ID No.					7. WBS Number	8. ID No.	9. WBS Number	10. ID No.			
1.1.2.1.1.9.6	2C	2-09	Draft SOW Submitted to EPA/IDHW	4,2	4/30/93			1.1.2.1.1.9.6	16B	N/A	0	Interim Action will not be performed.
1.1.2.1.1.9.6	16B	2-09	Submit Draft ROD to EPA/IDHW	39,2	2/18/94	1.1.2.1.1.9.6	2C	1.1.2.1.1.9.6	16B	N/A	0	Interim Action will not be performed.
1.1.2.1.1.9.6	16B	2-09	Final ROD Approved	17,2	6/22/94	1.1.2.1.1.9.6	16B	1.1.2.2.009	450	N/A	0	Interim Action will not be performed.

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Cost Account Title		OU 2-05 Assessment				Cost Account Number				3XA014000		
Milestone Reference		3. WAG/OU	4. Milestone Title	5. Hammock Duration (Weeks)	6. Baseline Finish Date	Prerequisite		Successor		11. Completion Classification	12. Schedule Risk (Weeks)	13. Baseline Deviation Basis
1. WBS Number	2. ID No.					7. WBS Number	8. ID No.	9. WBS Number	10. ID No.			
1.1.2.1.1.5.5	5A	2-05	Submit Draft Summary Report to EPA/IDHW	41,1	1/31/94			1.1.2.1.1.5.8	2C	O	0	N/A
1.1.2.1.1.5.8	2C	2-05	Draft SOW Submitted to EPA/IDHW	12,4	5/2/94	1.1.2.1.1.5.5	5A	1.1.2.1.1.5.8	16B	O	0	N/A
1.1.2.1.1.5.8	16B	2-05	Submit Draft ROD to EPA/IDHW	39,2	2/20/95	1.1.2.1.1.5.8	2C	1.1.2.1.1.5.8	18B	O	0	N/A
1.1.2.1.1.5.8	18B	2-05	Final ROD Approved	17,2	6/22/95	1.1.2.1.1.5.8	16B	1.1.2.2.005	450	O	0	N/A

Cost Account Title		OU 2-07 Assessment				Cost Account Number				3XA014000		
Milestone Reference		3. WAG/OU	4. Milestone Title	5. Hammock Duration (Weeks)	6. Baseline Finish Date	Prerequisite		Successor		11. Completion Classification	12. Schedule Risk (Weeks)	13. Baseline Deviation Basis
1. WBS Number	2. ID No.					7. WBS Number	8. ID No.	9. WBS Number	10. ID No.			
1.1.2.1.1.7.5	5A	2-07	Submit Draft Summary Report to EPA/IDHW	41,1	1/31/94			1.1.2.1.1.7.7	2C	O	0	N/A
1.1.2.1.1.7.7	2C	2-07	Draft SOW Submitted to EPA/IDHW	12,4	5/2/94	1.1.2.1.1.7.5	5A	1.1.2.1.1.7.7	16B	O	0	N/A
1.1.2.1.1.7.7	16B	2-07	Submit Draft ROD to EPA/IDHW	39,2	2/20/95	1.1.2.1.1.7.7	2C	1.1.2.1.1.7.7	18B	O	0	N/A
1.1.2.1.1.7.7	18B	2-07	Final ROD Approved	17,2	6/22/95	1.1.2.1.1.7.7	16B	1.1.2.2.007	450	O	0	N/A

Cost Account Title		OU2-05 Hot Waste Tanks				Cost Account Number				1.1.2.2.05		
Milestone Reference		3. WAG/OU	4. Milestone Title	5. Hammock Duration (Weeks)	6. Baseline Finish Date	Prerequisite		Successor		11. Completion Classification	12. Schedule Risk (Weeks)	13. Baseline Deviation Basis
1. WBS Number	2. ID No.					7. WBS Number	8. ID No.	9. WBS Number	10. ID No.			
1.1.2.2.005	450	2-05	Submit Draft SOW/RD Work Plan to EPA/IDHW	4,2	7/25/95	1.1.2.1.1.5.5	5A	1.1.2.2.005 1.1.2.2.005	198 213	O	0	N/A
1.1.2.2.005	198	2-05	Submit Draft Design to EPA/IDHW	19,0	12/11/95	1.1.2.2.005 1.1.2.2.005	450 213	1.1.2.2.005 1.1.2.2.005	617 917	O	0	N/A
1.1.2.2.005	213	2-05	Submit Draft RA Work Plan to EPA/IDHW	19,0	12/11/95	1.1.2.2.005	450	1.1.2.2.005 1.1.2.2.005	617 917 198	O	0	N/A
1.1.2.2.005	617	2-05	Submit Draft RA Report to EPA/IDHW	78,1	7/10/97	1.1.2.2.005 1.1.2.2.005	198 213			O	0	N/A
1.1.2.2.005	917	2-05	Submit Draft O&M Report to EPA/IDHW	82,2	8/8/97	1.1.2.2.005 1.1.2.2.005	198 213			O	0	N/A

Cost Account Title		OU2-07 Cooling Tower/Basins				Cost Account Number		1.1.2.2.07		11. Completion Classification	12. Schedule Risk (Weeks)	13. Baseline Deviation Basis
Milestone Reference		3. WAG/OU	4. Milestone Title	5. Hammock Duration (Weeks)	6. Baseline Finish Date	Prerequisite		Successor				
1. WBS Number	2. ID No.					7. WBS Number	8. ID No.	9. WBS Number	10. ID No.			
1.1.2.2.007	450	2-07	Submit Draft SOW/ROD Work Plan to EPA/IDHW	4,2	7/25/95	1.1.2.1.1.7.7	18B	1.1.2.2.007 1.1.2.2.007	198 213	O	0	N/A
1.1.2.2.007	198	2-07	Submit Draft Design to EPA/IDHW	19,0	12/11/95	1.1.2.2.007 1.1.2.2.007	450 213	1.1.2.2.007 1.1.2.2.007	617 917	O	0	N/A
1.1.2.2.007	213	2-07	Submit Draft RA Work Plan to EPA/IDHW	19,0	12/11/95	1.1.2.2.007	450	1.1.2.2.007 1.1.2.2.007 1.1.2.2.007	617 917 198	O	0	N/A
1.1.2.2.007	617	2-07	Submit Draft RA Report to EPA/IDHW	73,4	8/9/97	1.1.2.2.007 1.1.2.2.007	198 213			O	0	N/A
1.1.2.2.007	917	2-07	Submit Draft O&M Report to EPA/IDHW	78,0	7/9/97	1.1.2.2.007 1.1.2.2.007	198 213			O	0	N/A

Schedule Contingency Worksheet **Waste Area Group 2**

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Cost Account Title		OU2-10 Warm Waste Pond Interim Action				Cost Account Number		1.1.2.2.10				
Milestone Reference		3. WAG/OU	4. Milestone Title	5. Hammock Duration (Weeks)	6. Baseline Finish Date	Prerequisite		Successor		11. Completion Classification	12. Schedule Risk (Weeks)	13. Baseline Deviation Basis
1. WBS Number	2. ID No.					7. WBS Number	8. ID No.	9. WBS Number	10. ID No.			
1.1.2.2.010	817	2-10	Submit Draft RA Report to EPA/IDHW	48,3	3/31/94					O	0	NA

Schedule Contingency Worksheet Waste Area Group 3

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Cost Account Title		OU-13 WAG 3 Comprehensive RI/FS				Cost Account Number		4113		11. Completion Classification	12. Schedule Risk (Weeks)	13. Baseline Deviation Basis
Milestone Reference		3. WAG/OU	4. Milestone Title	5. Hammock Duration (Weeks)	6. Baseline Finish Date	Prerequisite		Successor				
1. WBS Number	2. ID No.					7. WBS Number	8. ID No.	9. WBS Number	10. ID No.			
1.1.3.1.13	00C	3-13	Submit Draft SOW to WAG/Project Managers	15.0	8/1/95	1.1.3.1.7	00H	1.1.3.1.13	00I	O	0	N/A
1.1.3.1.13	00I	3-13	Submit Draft Work Plan to WAG/Project Managers	20.0	1/1/96	1.1.3.1.13	00C	1.1.3.1.13	00N	O	0	N/A
1.1.3.1.13	00N	3-13	Submit Draft RI/FS Report to WAG/Project Managers	83.2	9/1/97	1.1.3.1.13	00I	1.1.3.1.13 1.1.10.1.1.1.2	0SS 39	O	0	N/A
1.1.3.1.13	0SS	3-13	Submit Draft ROD to WAG/Project Managers	41.1	7/1/98	1.1.3.1.13	00N	1.1.3.1.13	FFF	O	0	N/A
1.1.3.1.13	FFF	3-13	Final ROD Accepted	17.0	10/30/98	1.1.3.1.13	0SS			O	0	N/A

Cost Account Title		WAG 3 Track 2 OUs				Cost Account Number				4109		
Milestone Reference		3. WAG/OU	4. Milestone Title	5. Hammock Duration (Weeks)	6. Baseline Finish Date	Prerequisite		Successor		11. Completion Classification	12. Schedule Risk (Weeks)	13. Baseline Deviation Basis
1. WBS Number	2. ID No.					7. WBS Number	8. ID No.	9. WBS Number	10. ID No.			
1.1.3.1.7	00H	3-09	Submit Draft Summary Report to EPA/IDHW (Last of Track 1's and 2's)	82.1	4/14/95			1.1.3.1.13	00C	O	0	N/A

Disconnects:

MK has the following actions in the baseline which are not supported by the WINCO baseline:

OU 3-06 Interim Action
OU 3-07 Interim Action
OU 3-08 Interim Action
OU 3-09 Interim Action
OU 3-13 Final Remediation of WAG 3

Schedule Contingency Worksheet Waste Area Group 4

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Cost Account Title		WAG 4 Assessment				Cost Account Number 3XCA00000				11. Completion Classification	12. Schedule Risk (Weeks)	13. Baseline Deviation Basis
Milestone Reference		3. WAG/OU	4. Milestone Title	5. Hammock Duration (Weeks)	6. Baseline Finish Date	Prerequisite		Successor				
1. WBS Number	2. ID No.					7. WBS Number	8. ID No.	9. WBS Number	10. ID No.			
1.1.4.1.1.1.2	94	4-05	Submit Final Summary Report to EPA/DHW	64.1	2/23/98			1.1.4.1.1.1.B	37	O	0	N/A
1.1.4.1.1.1.A	10	4-12	Submit Draft ROD and FS to EPA/DHW	52.3	7/17/95	1.1.4.1.1.1.9	90	1.1.4.1.1.1.A	23	O	0	N/A
1.1.4.1.1.1.9	90	4-12	Submit Draft RI/FS for OU-4-12 to DOE-ID for EPA/DHW Review	61.2	6/23/94			1.1.4.1.1.1.A 1.1.4.1.1.1.B	10 39	O	0	N/A
1.1.4.1.1.1.A	23	4-12	Final ROD Accepted	20.0	12/8/95	1.1.4.1.1.1.A	10			O	0	N/A
1.1.4.1.1.1.B	37	4-13	Draft SOW Submitted to EPA/DHW	18.1	6/18/98	1.1.4.1.1.1.2	94	1.1.4.1.1.1.B	39	O	0	N/A
1.1.4.1.1.1.B	39	4-13	Submit Draft Work Plan to EPA/DHW	21.1	11/18/98	1.1.4.1.1.1.B	37	1.1.4.1.1.1.C	24	O	0	N/A
1.1.4.1.1.1.C	24	4-13	Submit Draft RI/FS Report to EPA/DHW	79.0	6/25/98	1.1.4.1.1.1.B	39	1.1.10.1.1.1.2 1.1.4.1.1.1.D	39 10	O	0	N/A
1.1.4.1.1.1.D	10	4-13	Submit Draft ROD to EPA/DHW	54.4	8/3/99	1.1.4.1.1.1.C	24	1.1.4.1.1.1.D	23	O	0	N/A
1.1.4.1.1.1.D	23	4-13	Final ROD Approved	22.1	1/18/00	1.1.4.1.1.1.D	10			O	0	N/A

Disconnects:

MK has the following actions in the baseline that are not supported from the WAG 4 baseline:

OU 4-05A Interim Action
 OU 4-05B Interim Action
 OU 4-06A Interim Action
 OU 4-06B Interim Action
 OU 4-07A Interim Action
 OU 4-07B Interim Action
 OU 4-08 Interim Action
 OU 4-09 Interim Action
 OU 4-09A Interim Action
 OU 4-09B Interim Action
 OU 4-010 Interim Action
 OU 4-12 Interim Action
 OU 4-12A Interim Action

Schedule Contingency Worksheet Waste Area Group 5

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Cost Account Title				WAG 5 Comprehensive RI/FS				Cost Account Number				3XBA30000			
Milestone Reference		3. WAG/OU	4. Milestone Title	5. Hammock Duration (Weeks)	6. Baseline Finish Date	Prerequisite		Successor		11. Completion Classification	12. Schedule Risk (Weeks)	13. Baseline Deviation Basis			
1. WBS Number	2. ID No.					7. WBS Number	8. ID No.	9. WBS Number	10. ID No.						
1.1.5.1.1.3.1	37	5-12	Draft SOW Submitted to EPA/IDHW	20,1	8/2/98	1.1.5.1.1.2.4	103	1.1.5.1.1.3.1	39	O	0	N/A			
1.1.5.1.1.3.1	39	5-12	Submit Draft Work Plan to EPA/IDHW	17,2	12/9/98	1.1.5.1.1.3.1	37	1.1.5.1.1.3.2	24	O	0	N/A			
1.1.5.1.1.3.2	24	5-12	Submit Draft RI/FS Report to EPA/IDHW	81,1	7/30/98	1.1.5.1.1.3.1	39	1.1.10.1.1.1.2 1.1.5.1.1.3.3	39 10	O	0	N/A			
1.1.5.1.1.3.3	10	5-12	Submit Draft ROD to EPA/IDHW	42,4	8/11/99	1.1.5.1.1.3.2	24	1.1.5.1.1.3.3	23	O	0	N/A			
1.1.5.1.1.3.3	23	5-12	Final ROD Approved	17,1	10/13/99	1.1.5.1.1.3.3	10			O	0	N/A			

Cost Account Title						Cost Account Number							3XBA20000	
Milestone Reference		3. WAG/OU	4. Milestone Title	5. Hammock Duration (Weeks)	6. Baseline Finish Date	Prerequisite		Successor		11. Completion Classification	12. Schedule Risk (Weeks)	13. Baseline Deviation Basis		
1. WBS Number	2. ID No.					7. WBS Number	8. ID No.	9. WBS Number	10. ID No.					
1.1.5.1.1.2.5	94	5-09	Submit Final Summary Report to EPA/IDHW	62.4	3/12/98			1.1.5.1.1.3.1	37	O	0	N/A		
1.1.5.1.1.2.3	105	5-07	Submit Final Summary Report to EPA/IDHW	10.4	6/16/93			1.1.5.1.1.3.1 1.1.5.2.007	37 450	A	4	Completed 5/18/93 Ahead of Schedule		
1.1.5.1.1.2.1	103	5-05	Submit Final Summary Report to EPA/IDHW	71.1	3/15/95			1.1.5.1.1.3.1 1.1.5.2.005	37 450	O	0	N/A		
1.1.5.1.1.2.4	103	5-08	Submit Final Summary Report to EPA/IDHW	71.1	5/9/98			1.1.5.1.1.3.1 1.1.5.2.008	37 450	O	0	N/A		

Cost Account Title						OU 5-07 ARA-I Sanitary Sewer System & Pad near ARA-627						Cost Account Number				1.1.5.2.07	
Milestone Reference		3. WAG/OU	4. Milestone Title	5. Hammock Duration (Weeks)	6. Baseline Finish Date	Prerequisite		Successor		11. Completion Classification	12. Schedule Risk (Weeks)	13. Baseline Deviation Basis					
1. WBS Number	2. ID No.					7. WBS Number	8. ID No.	9. WBS Number	10. ID No.								
1.1.5.2.007	450	5-07	Submit Draft SOW/RO Work Plan to EPA/IDHW	3,1	10/24/94	1.1.5.1.1.2.3	105	1.1.5.2.007 1.1.5.2.007	198 213	B	52	RO/RA documentation may be delayed if treatment for mixed waste has not been identified.					
1.1.5.2.007	198	5-07	Submit Draft Design to EPA/IDHW	18,0	3/13/95	1.1.5.2.007 1.1.5.2.007	450 213	1.1.5.2.007 1.1.5.2.007	617 917	O	0	N/A					
1.1.5.2.007	213	5-07	Submit Draft RA Work Plan to EPA/IDHW	18,0	3/13/95	1.1.5.2.007	450	1.1.5.2.007 1.1.5.2.007	198 617 917	O	0	N/A					
1.1.5.2.007	617	5-07	Submit Draft RA Report to EPA/IDHW	72,0	8/18/96	1.1.5.2.007 1.1.5.2.007	198 213			O	0	N/A					
1.1.5.2.007	917	5-07	Submit Draft O&M Report to EPA/IDHW	76,0	9/17/96	1.1.5.2.007 1.1.5.2.007	198 213			O	0	N/A					

Schedule Contingency Worksheet Waste Area Group 5

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Cost Account Title		OU 5-05 ARA-II SL-1 Burial Ground Cleanup				Cost Account Number				1.1.5.2.05		
Milestone Reference		3. WAG/OU	4. Milestone Title	5. Hammock Duration (Weeks)	6. Baseline Finish Date	Prerequisite		Successor		11. Completion Classification	12. Schedule Risk (Weeks)	13. Baseline Deviation Basis
1. WBS Number	2. ID No.					7. WBS Number	8. ID No.	9. WBS Number	10. ID No.			
1.1.5.2.005	450	5-05	Submit Draft SOW/RD Work Plan to EPA/IDHW	13.0	4/23/01	1.1.5.1.1.2.1	103	1.1.5.2.005 1.1.5.2.005	198 213	O	0	N/A
1.1.5.2.005	198	5-05	Submit Draft Design to EPA/IDHW	19.1	9/7/01	1.1.5.2.005 1.1.5.2.005	450 213	1.1.5.2.005 1.1.5.2.005	617 917	O	0	N/A
1.1.5.2.005	213	5-05	Submit Draft RA Work Plan to EPA/IDHW	19.1	9/7/01	1.1.5.2.005	450	1.1.5.2.005 1.1.5.2.005 1.1.5.2.005	198 617 917	O	0	N/A
1.1.5.2.005	617	5-05	Submit Draft RA Report to EPA/IDHW	68.4	2/3/03	1.1.5.2.005 1.1.5.2.005	198 213			O	0	N/A
1.1.5.2.005	917	5-05	Submit Draft O&M Report to EPA/IDHW	73.1	3/6/03	1.1.5.2.005 1.1.5.2.005	198 213			O	0	N/A

Cost Account Title		OU 5-08 PBF Injection Wells/SPERT I Seepage Pit				Cost Account Number				1.1.5.2.08		
Milestone Reference		3. WAG/OU	4. Milestone Title	5. Hammock Duration (Weeks)	6. Baseline Finish Date	Prerequisite		Successor		11. Completion Classification	12. Schedule Risk (Weeks)	13. Baseline Deviation Basis
1. WBS Number	2. ID No.					7. WBS Number	8. ID No.	9. WBS Number	10. ID No.			
1.1.5.2.008	450	5-08	Submit Draft SOW/RD Work Plan to EPA/IDHW	13.0	4/23/01	1.1.5.1.1.2.4	103	1.1.5.2.008 1.1.5.2.008	198 213	O	0	N/A
1.1.5.2.008	198	5-08	Submit Draft Design to EPA/IDHW	19.1	9/7/01	1.1.5.2.008 1.1.5.2.008	450 213	1.1.5.2.008 1.1.5.2.008	617 917	O	0	N/A
1.1.5.2.008	213	5-08	Submit Draft RA Work Plan to EPA/IDHW	19.1	9/7/01	1.1.5.2.008	450	1.1.5.2.008 1.1.5.2.008 1.1.5.2.008	198 617 917	O	0	N/A
1.1.5.2.008	617	5-08	Submit Draft RA Report to EPA/IDHW	68.4	2/3/03	1.1.5.2.008 1.1.5.2.008	198 213			O	0	N/A
1.1.5.2.008	917	5-08	Submit Draft O&M Report to EPA/IDHW	73.1	3/6/03	1.1.5.2.008 1.1.5.2.008	198 213			O	0	N/A

Cost Account Title		OU 5-13 PBF-8 Corrosive Waste Sump & PBF-10 Pond				Cost Account Number				1.1.5.2.13		11. Completion Classification	12. Schedule Risk (Weeks)	13. Baseline Deviation Basis
Milestone Reference		3. WAG/OU	4. Milestone Title	5. Hammock Duration (Weeks)	6. Baseline Finish Date	Prerequisite		Successor						
1. WBS Number	2. ID No.					7. WBS Number	8. ID No.	9. WBS Number	10. ID No.					
1.1.5.2.012	19X	5-13	Submit Prel/Pre Final Design to EPA/IDHW	16.0	7/23/93	1.1.5.2.013	21Y	1.1.5.2.013 1.1.5.2.013 1.1.5.2.013	21Y 917 617	B	17.0	Delay due to sampling and analysis effort		
1.1.5.2.013	21Y	5-13	Submit Draft RA Work Plan to EPA/IDHW	18.1	8/9/93			1.1.5.2.013 1.1.5.2.013	617 917	O	0	NA		
1.1.5.2.013	917	5-13	Submit O&M Report EPA/IDHW	51.2	8/22/94	1.1.5.2.013 1.1.5.2.013	21Y 19X			O	0	NA		
1.1.5.2.013	617	5-13	Submit RA Report to EPA/IDHW	46.4	7/20/94	1.1.5.2.013 1.1.5.2.013	21Y 19X			O	0	NA		

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Cost Account Title OU 5-05 ARA-II SL-1 Burial Ground Cleanup **Cost Account Number** 1.1.5.2.05

Milestone Reference		3. WAG/OU	4. Milestone Title	5. Hammock Duration (Weeks)	6. Baseline Finish Date	Prerequisite		Successor		11. Completion Classification	12. Schedule Risk (Weeks)	13. Baseline Deviation Basis
1. WBS Number	2. ID No.					7. WBS Number	8. ID No.	9. WBS Number	10. ID No.			
1.1.5.2.005	450	5-05	Submit Draft SOW/RD Work Plan to EPA/IDHW	13,0	4/23/01	1.1.5.1.1.2.1	103	1.1.5.2.005 1.1.5.2.005	198 213	O	0	N/A
1.1.5.2.005	198	5-05	Submit Draft Design to EPA/IDHW	19,1	9/7/01	1.1.5.2.005 1.1.5.2.005	450 213	1.1.5.2.005 1.1.5.2.005	617 917	O	0	N/A
1.1.5.2.005	213	5-05	Submit Draft RA Work Plan to EPA/IDHW	19,1	9/7/01	1.1.5.2.005	450	1.1.5.2.005 1.1.5.2.005	198 617 917	O	0	N/A
1.1.5.2.005	617	5-05	Submit Draft RA Report to EPA/IDHW	68,4	2/3/03	1.1.5.2.005 1.1.5.2.005	198 213			O	0	N/A
1.1.5.2.005	917	5-05	Submit Draft O&M Report to EPA/IDHW	73,1	3/8/03	1.1.5.2.005 1.1.5.2.005	198 213			O	0	N/A

Cost Account Title OU 5-08 PBF Injection Wells/SPERT I Seepage Pit **Cost Account Number** 1.1.5.2.08

Milestone Reference		3. WAG/OU	4. Milestone Title	5. Hammock Duration (Weeks)	6. Baseline Finish Date	Prerequisite		Successor		11. Completion Classification	12. Schedule Risk (Weeks)	13. Baseline Deviation Basis
1. WBS Number	2. ID No.					7. WBS Number	8. ID No.	9. WBS Number	10. ID No.			
1.1.5.2.008	450	5-08	Submit Draft SOW/RD Work Plan to EPA/IDHW	13,0	4/23/01	1.1.5.1.1.2.4	103	1.1.5.2.008 1.1.5.2.008	198 213	O	0	N/A
1.1.5.2.008	198	5-08	Submit Draft Design to EPA/IDHW	19,1	9/7/01	1.1.5.2.008 1.1.5.2.008	450 213	1.1.5.2.008 1.1.5.2.008	617 917	O	0	N/A
1.1.5.2.008	213	5-08	Submit Draft RA Work Plan to EPA/IDHW	19,1	9/7/01	1.1.5.2.008	450	1.1.5.2.008 1.1.5.2.008	198 617 917	O	0	N/A
1.1.5.2.008	617	5-08	Submit Draft RA Report to EPA/IDHW	68,4	2/3/03	1.1.5.2.008 1.1.5.2.008	198 213			O	0	N/A
1.1.5.2.008	917	5-08	Submit Draft O&M Report to EPA/IDHW	73,1	3/8/03	1.1.5.2.008 1.1.5.2.008	198 213			O	0	N/A

Cost Account Title OU 5-13 PBF-8 Corrosive Waste Sump & PBF-10 Pond **Cost Account Number** 1.1.5.2.13

Milestone Reference		3. WAG/OU	4. Milestone Title	5. Hammock Duration (Weeks)	6. Baseline Finish Date	Prerequisite		Successor		11. Completion Classification	12. Schedule Risk (Weeks)	13. Baseline Deviation Basis
1. WBS Number	2. ID No.					7. WBS Number	8. ID No.	9. WBS Number	10. ID No.			
1.1.5.2.013	19X	5-13	Submit Pre/Pre Final Design to EPA/IDHW	16,0	7/23/93	1.1.5.2.013	21Y	1.1.5.2.013 1.1.5.2.013 1.1.5.2.013	21Y 917 617	B	17,0	Delay due to sampling and analysis effort
1.1.5.2.013	21Y	5-13	Submit Draft RA Work Plan to EPA/IDHW	18,1	8/9/93			1.1.5.2.013 1.1.5.2.013	617 917	O	0	N/A
1.1.5.2.013	917	5-13	Submit O&M Report EPA/IDHW	61,2	8/22/94	1.1.5.2.013 1.1.5.2.013	21Y 19X			O	0	N/A
1.1.5.2.013	617	5-13	Submit RA Report to EPA/IDHW	46,4	7/20/94	1.1.5.2.013 1.1.5.2.013	21Y 19X			O	0	N/A

Schedule Contingency Worksheet **Waste Area Group 6**

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Cost Account Title		WAG 6 Assessment				Cost Account Number 3XXA30000						
Milestone Reference		3. WAG/OU	4. Milestone Title	5. Hammock Duration (Weeks)	6. Baseline Finish Date	Prerequisite		Successor		11. Completion Classification	12. Schedule Risk (Weeks)	13. Baseline Deviation Basis
1. WBS Number	2. ID No.					7. WBS Number	8. ID No.	9. WBS Number	10. ID No.			
1.1.6.1.1.1.5	04	6-02	Submit Draft Summary Report to EPA/IDHW	133.4	12/7/95			1.1.10.1.1.1.2	37	0	0	N/A

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Cost Account Title			Pad A ROD										Cost Account Number				3XW031000	
Milestone Reference		3. WAG/OU	4. Milestone Title	5. Hammock Duration (Weeks)	6. Baseline Finish Date	Prerequisite		Successor		11. Completion Classification	12. Schedule Risk (Weeks)	13. Baseline Deviation Basis						
1. WBS Number	2. ID No.					7. WBS Number	8. ID No.	9. WBS Number	10. ID No.									
1.1.7.1.1.1	3	7-12	Transmit Draft ROD to EPA/IDHW	Before TN	1/7/93			1.1.7.1.4.1.L 1.1.7.1.1.1.1	31 39	L	37	All activities associated with the Pad A RI/FS are behind schedule due to schedule extensions for modifying the RI/BRA, comment resolution and revision to the RI/FS report. Schedule delays were also encountered when additional negotiations were conducted on the preferred alternative for the Pad A Proposed Plan.						
1.1.7.1.1.1	39	7-12	Sign Final ROD	Before TN	3/22/93	1.1.7.1.1.1.1	3	1.1.7.2.012	45	B	4	Additional time required for the comment period on the Proposed Plan and ROD.						

Cost Account Title				OCVZ ROD		Cost Account Number				3XW034000		
Milestone Reference		3. WAG/OU	4. Milestone Title	5. Hammock Duration (Weeks)	6. Baseline Finish Date	Prerequisite		Successor		11. Completion Classification	12. Schedule Risk (Weeks)	13. Baseline Deviation Basis
1. WBS Number	2. ID No.					7. WBS Number	8. ID No.	9. WBS Number	10. ID No.			
1.1.7.1.2.1.9	124	7-08	DOE-ID Transmit Draft RI/FS Report to EPA State	13.2	7/6/93			1.1.7.1.2.1.A	10	L	5	Late Start of Treatability Study
1.1.7.1.2.1.A	10	7-08	DOE-ID Transmit Draft ROD to EPA/State	32.4	3/8/94	1.1.7.1.2.1.9	124	1.1.7.1.2.1.A 1.1.7.1.4.1.L	30 31	O	0	N/A
1.1.7.1.2.1.A	30	7-08	Final ROD Accepted	16.0	6/29/94	1.1.7.1.2.1.A	10	1.1.7.2.2.1.1	70	O	0	N/A

Cost Account Title				OCVZ Cleanup				Cost Account Number				3XWC34000			
Milestone Reference		3. WAG/OU	4. Milestone Title	5. Hammock Duration (Weeks)	6. Baseline Finish Date	Prerequisite		Successor		11. Completion Classification	12. Schedule Risk (Weeks)	13. Baseline Deviation Basis			
1. WBS Number	2. ID No.					7. WBS Number	8. ID No.	9. WBS Number	10. ID No.						
1.1.7.2.2.1.1	8	7-08	Transmit Draft RD/RA SOW to EPA/IDHW	5.0	8/4/94	1.1.7.1.2.1.A	30	1.1.7.2.2.1.1	20	O	0	N/A			
1.1.7.2.2.1.1	20	7-08	Transmit Draft RD Work Plan to EPA/IDHW	17.3	12/12/94	1.1.7.2.2.1.1	8	1.1.7.2.2.1.1	38	O	0	N/A			
1.1.7.2.2.1.1	38	7-08	Transmit Remedial Design to EPA/IDHW	18.4	4/18/95	1.1.7.2.2.1.1	20	1.1.7.2.2.1.1	82	O	0	N/A			
1.1.7.2.2.1.1	82	7-08	Transmit Draft RA Work Plan to EPA/IDHW	5.0	5/23/95	1.1.7.2.2.1.1	38	1.1.7.2.2.1.1 1.1.7.2.2.1.1	60 70	O	0	N/A			
1.1.7.2.2.1.1	60	7-08	Transmit Draft O&M Report to EPA/IDHW	294.2	5/1/01	1.1.7.2.2.1.1	82			O	0	N/A			
1.1.7.2.2.1.1	70	7-08	Transmit Draft RA Report to EPA/IDHW	297.2	5/22/01	1.1.7.2.2.1.1	82			O	0	N/A			

Cost Account Title				Pit 9 Comprehensive Demo				Cost Account Number				3XW037000			
Milestone Reference		3. WAG/OU	4. Milestone Title	5. Hammock Duration (Weeks)	6. Baseline Finish Date	Prerequisite		Successor		11. Completion Classification	12. Schedule Risk (Weeks)	13. Baseline Deviation Basis			
1. WBS Number	2. ID No.					7. WBS Number	8. ID No.	9. WBS Number	10. ID No.						
1.1.7.1.3.2.4	58	7-10	Sign ROD	0.0	3/30/93			1.1.7.1.3.2.4	23	L	15	Significant delays in receiving agency comments. Inability to reach consensus on content, e.g. CAMU rule implementation.			
1.1.7.1.3.2.4	23	7-10	Draft RD/RA SOW Submitted for Review	2.4	4/20/93	1.1.7.1.3.2.4	58	1.1.7.1.3.2.6	2	O	0	N/A			
1.1.7.1.3.2.6	2	7-10	EG&G & DOE-ID Approve LPT Remediation Option of Subcontract	105.1	6/2/95	1.1.7.1.3.2.4	23	1.1.7.1.3.1.7	7	L	63	Revision of schedule to allow time for facility design and completion of LPT.			

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Cost Account Title		TRU Contaminated Pits & Trenches				Cost Account Number		3XW035000		11. Completion Classification	12. Schedule Risk (Weeks)	13. Baseline Deviation Basis
Milestone Reference		3. WAG/OU	4. Milestone Title	5. Hammock Duration (Weeks)	6. Baseline Finish Date	Prerequisite		Successor				
1. WBS Number	2. ID No.					7. WBS Number	8. ID No.	9. WBS Number	10. ID No.			
1.1.7.1.3.1.4	11	7-13	Submit Draft SOW for EPA/IDHW/DOE-HQ Review	53,4	4/28/94			1.1.7.1.3.1.4	10	L	28	New risk assessment strategy is more complex than planned.
1.1.7.1.3.1.4	10	7-13	Submit Draft RI/FS Work Plan for Review to EPA/IDHW/D	21,2	9/30/94	1.1.7.1.3.1.4	11	1.1.7.1.3.1.7	7	O	0	N/A
1.1.7.1.3.1.7	7	7-13	Submit Draft RI/FS Report to EPA/State	81,3	5/28/96	1.1.7.1.3.1.4 1.1.7.1.3.2.8 1.1.7.1.3.1.A	10 2 22	1.1.7.1.3.1.8	10	O	0	N/A
1.1.7.1.3.1.8	10	7-13	Submit Draft ROD/Responsiveness Summary to EPA/IDHW	41,3	4/1/97	1.1.7.1.3.1.7	7	1.1.7.1.3.1.8 1.1.7.1.4.1.L	9 31	O	0	N/A
1.1.7.1.3.1.8	9	7-13	Final ROD Accepted	17,1	8/1/97	1.1.7.1.3.1.8	10	1.1.7.2.013	450	O	0	N/A
1.1.7.1.3.1.A	40	7-13	Draft IA SOW Submitted to EPA/IDHW	53,4	4/28/94			1.1.7.1.3.1.A	44	B	8	New risk assessment strategy is more complex than planned.
1.1.7.1.3.1.A	44	7-13	Transmit Draft IA ROD to EPA/IDHW	48,4	4/25/95	1.1.7.1.3.1.A	40	1.1.7.1.3.1.A	22	O	0	N/A
1.1.7.1.3.1.A	22	7-13	IA ROD Accepted	16,0	8/17/95	1.1.7.1.3.1.A	44	1.1.7.2.13A	450	O	0	N/A

Cost Account Title			WAG 7 Comprehensive ROD			Cost Account Number				3XW041000			
Milestone Reference		3. WAG/OU	4. Milestone Title	5. Hammock Duration (Weeks)	6. Baseline Finish Date	Prerequisite		Successor		11. Completion Classification	12. Schedule Risk (Weeks)	13. Baseline Deviation Basis	
1. WBS Number	2. ID No.					7. WBS Number	8. ID No.	9. WBS Number	10. ID No.				
1.1.7.1.4.1.E	40	7-03	Draft SOW Submitted to EPA/IDHW	115,2	7/28/95			1.1.7.1.4.1.E	44	O	0	N/A	
1.1.7.1.4.1.E	44	7-03	Transmit Draft ROD to EPA/IDHW	48,4	7/19/96	1.1.7.1.4.1.E	40	1.1.7.1.4.1.E	22	O	0	N/A	
1.1.7.1.4.1.E	22	7-03	Final ROD Accepted	16,0	11/12/96	1.1.7.1.4.1.E	44	1.1.7.1.3.1.7	7	O	0	N/A	
								1.1.7.2.003	450				
1.1.7.1.4.2.B	33	7-08	Deliver Final Informal Report	123,1	9/20/95			1.1.7.1.4.1.K	8	O	0	N/A	
1.1.7.1.4.1.K	8	7-14	Submit SOW to DOE-ID for transmittal to EPA/IDHW	5,2	10/27/95	1.1.7.1.4.2.B	33	1.1.7.1.4.1.K	34	O	0	N/A	
1.1.7.1.4.1.K	34	7-14	Submit WAG 7 Comp. Draft RI/FS Work Plan to EPA/IDHW	20,1	4/1/96	1.1.7.1.4.1.K	8	1.1.7.1.4.1.K	31	O	0	N/A	
1.1.7.1.4.1.L	31	7-14	Submit WAG 7 Comp. Draft RI/FS Report to EPA/IDHW	62,4	11/25/97	1.1.7.1.4.1.K	34	1.1.10.1.1.1.2	39	O	0	N/A	
						1.1.7.1.1.1.1	3	1.1.7.1.4.1.C	13				
						1.1.7.1.2.1.A	10						
						1.1.7.1.3.1.8	10						
1.1.7.1.4.1.C	13	7-14	Submit Draft ROD to EPA/IDHW	63,3	3/16/99	1.1.7.1.1.1.L	31	1.1.7.1.1.1.C	39	O	0	N/A	
1.1.7.1.4.1.C	39	7-14	Final ROD Accepted	20,2	8/9/99	1.1.7.1.1.1.C	13			O	0	N/A	

Cost Account Title			OU 7-03 RWMC Non-TRU Pits & Trenches			Cost Account Number				1.1.7.2.03			
Milestone Reference		3. WAG/OU	4. Milestone Title	5. Hammock Duration (Weeks)	6. Baseline Finish Date	Prerequisite		Successor		11. Completion Classification	12. Schedule Risk (Weeks)	13. Baseline Deviation Basis	
1. WBS Number	2. ID No.					7. WBS Number	8. ID No.	9. WBS Number	10. ID No.				
1.1.7.2.003	450	7-03	Submit Draft SOW/RD Work Plan to EPA/IDHW	13,0	6/22/95	1.1.7.1.4.1.E	22	1.1.7.2.003 1.1.7.2.003	198 213	O	0	N/A	
1.1.7.2.003	198	7-03	Submit Draft Design to EPA/IDHW	19,0	11/06/95	1.1.7.2.003 1.1.7.2.003	450 213	1.1.7.2.003 1.1.7.2.003	617 917	O	0	N/A	
1.1.7.2.003	213	7-03	Submit Draft RA Work Plan to EPA/IDHW	19,0	11/06/95	1.1.7.2.003	450	1.1.7.2.003 1.1.7.2.003 1.1.7.2.003	198 617 917	O	0	N/A	
1.1.7.2.003	617	7-03	Submit Draft RA Report to EPA/IDHW	201,3	12/02/99	1.1.7.2.003 1.1.7.2.003	198 213			O	0	N/A	
1.1.7.2.003	917	7-03	Submit Draft O&M Report to EPA/IDHW	205,0	1/04/00	1.1.7.2.003 1.1.7.2.003	198 213			O	0	N/A	

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Cost Account Title		OU 7-12 Pad A Interim Action				Cost Account Number				1.1.7.2.12		
Milestone Reference		3. WAG/OU	4. Milestone Title	5. Hammock Duration (Weeks)	6. Baseline Finish Date	Prerequisite		Successor		11. Completion Classification	12. Schedule Risk (Weeks)	13. Baseline Deviation Basis
1. WBS Number	2. ID No.					7. WBS Number	8. ID No.	9. WBS Number	10. ID No.			
1.1.7.2.012	450	7-12	Submit Draft SOW/RD Work Plan to EPA/IDHW	14,2	7/13/93	1.1.7.1.1.1.1	39	1.1.7.2.012 1.1.7.2.012	198 213	L	20	Approval of the ROD delayed.
1.1.7.2.012	198	7-12	Submit Draft Design to EPA/IDHW	13,2	10/15/93	1.1.7.2.012 1.1.7.2.012	450 213	1.1.7.2.012 1.1.7.2.012	617 917	O	0	N/A
1.1.7.2.012	213	7-12	Submit Draft RA Work Plan to EPA/IDHW	13,2	10/15/93	1.1.7.2.012	450	1.1.7.2.012 1.1.7.2.012	198 617 917	O	0	N/A
1.1.7.2.012	617	7-12	Submit Draft RA Report to EPA/IDHW	30,0	5/27/94	1.1.7.2.012 1.1.7.2.012	198 213			O	0	N/A
1.1.7.2.012	917	7-12	Submit Draft O&M Report to EPA/IDHW	26,0	4/29/94	1.1.7.2.012 1.1.7.2.012	198 213			O	0	N/A

Cost Account Title		OU 7-13 TRU Contaminated Waste Pits & Trenches				Cost Account Number				1.1.7.2.13		
Milestone Reference		3. WAG/OU	4. Milestone Title	5. Hammock Duration (Weeks)	6. Baseline Finish Date	Prerequisite		Successor		11. Completion Classification	12. Schedule Risk (Weeks)	13. Baseline Deviation Basis
1. WBS Number	2. ID No.					7. WBS Number	8. ID No.	9. WBS Number	10. ID No.			
1.1.7.2.013	450	7-13	Submit Draft SOW/RD Work Plan to EPA/IDHW	13,0	9/23/98	1.1.7.1.3.1.8	9	1.1.7.2.013 1.1.7.2.013	198 213	O	0	N/A
1.1.7.2.013	198	7-13	Submit Draft Design to EPA/IDHW	18,0	2/09/99	1.1.7.2.013 1.1.7.2.013	450 213	1.1.7.2.013 1.1.7.2.013	617 917	O	0	N/A
1.1.7.2.013	213	7-13	Submit Draft RA Work Plan to EPA/IDHW	18,0	2/09/99	1.1.7.2.013	450	1.1.7.2.013 1.1.7.2.013	198 617 917	O	0	N/A
1.1.7.2.013	617	7-13	Submit Draft RA Report to EPA/IDHW	37,1	11/02/99	1.1.7.2.013 1.1.7.2.013	198 213			O	0	N/A
1.1.7.2.013	917	7-13	Submit Draft O&M Report to EPA/IDHW	41,1	12/03/99	1.1.7.2.013 1.1.7.2.013	198 213			O	0	N/A

Cost Account Title		OU 7-13A RWMC TRU Pits & Trenches Interim Action					Cost Account Number		1.1.7.2.13A			
Milestone Reference		3. WAG/OU	4. Milestone Title	5. Hammock Duration (Weeks)	6. Baseline Finish Date	Prerequisite		Successor		11. Completion Classification	12. Schedule Risk (Weeks)	13. Baseline Deviation Basis
1. WBS Number	2. ID No.					7. WBS Number	8. ID No.	9. WBS Number	10. ID No.			
1.1.7.2.13A	450	7-13	Submit Draft SOW/RD Work Plan to EPA/IDHW	13,0	3/22/95	1.1.7.1.3.1.A	22	1.1.7.2.13A 1.1.7.2.13A	198 213	O	0	N/A
1.1.7.2.13A	198	7-13	Submit Draft Design to EPA/IDHW	19,1	8/7/95	1.1.7.2.13A 1.1.7.2.13A	450 213	1.1.7.2.13A 1.1.7.2.13A	617 917	O	0	N/A
1.1.7.2.13A	213	7-13	Submit Draft RA Work Plan to EPA/IDHW	19,1	8/7/95	1.1.7.2.13A	450	1.1.7.2.13A 1.1.7.2.13A 1.1.7.2.13A	198 617 917	O	0	N/A
1.1.7.2.13A	617	7-13	Submit Draft RA Report to EPA/IDHW	280,0	4/03/01	1.1.7.2.13A 1.1.7.2.13A	198 213			O	0	N/A
1.1.7.2.13A	917	7-13	Submit Draft O&M Report to EPA/IDHW	284,1	5/02/01	1.1.7.2.13A 1.1.7.2.13A	198 213			O	0	N/A

Schedule Contingency Worksheet Waste Area Group 10

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Cost Account Title		WAG 10 Assessment				Cost Account Number				3XLA30000		
Milestone Reference		3. WAG/OU	4. Milestone Title	5. Hammock Duration (Weeks)	6. Baseline Finish Date	Prerequisite		Successor		11. Completion Classification	12. Schedule Risk (Weeks)	13. Baseline Deviation Basis
1. WBS Number	2. ID No.					7. WBS Number	8. ID No.	9. WBS Number	10. ID No.			
1.1.0.1.1.1.7	94	10-02	Submit Draft Summary Report to EPA/IDHW	58,3	12/5/97			1.1.10.1.1.1.2	37	O	0	N/A
1.1.0.1.1.1.F	94	10-03	Submit Draft Summary Report to EPA/IDHW	60,3	12/19/98			1.1.10.1.1.1.F	82	O	0	N/A
1.1.10.1.1.1.5	49	10-03	Submit Draft SOW to EPA/IDHW	20,0	5/19/97	1.1.0.1.1.1.F	94	1.1.10.1.1.1.5	84	O	0	N/A
1.1.10.1.1.1.5	84	10-03	Submit Draft ROD to EPA/IDHW	52,4	8/11/98	1.1.10.1.1.1.5	49	1.1.10.1.1.1.5	45	O	0	N/A
1.1.10.1.1.1.5	45	10-03	ROD Signed	22,2	11/19/98	1.1.10.1.1.1.5	84	1.1.0.2.003	450	O	0	N/A
1.1.10.1.1.1.2	37	10-04	Submit Draft SOW for RI/FS to EPA/IDHW	9,2	2/19/98	1.1.6.1.1.1.5	94	1.1.10.1.1.1.2	39	O	0	N/A
1.1.10.1.1.1.2	39	10-04	Submit Draft RI/FS Work Plan to EPA/IDHW	17,2	8/23/98	1.1.10.1.1.1.2 1.1.1.1.4.1.2 1.1.2.1.1.D.2 1.1.3.1.1.3 1.1.4.1.1.1.C 1.1.5.1.1.3.2 1.1.7.1.4.1.1	37 24 24 ONN 24 24 31	1.1.10.1.1.1.3	24	O	0	N/A
1.1.10.1.1.1.3	24	10-04	Submit Draft RI/FS Report to EPA/IDHW	80,0	2/7/00	1.1.10.1.1.1.2	39	1.1.10.1.1.1.4	10	O	0	N/A
1.1.10.1.1.1.4	10	10-04	Submit Draft ROD to EPA/IDHW	42,1	12/7/00	1.1.10.1.1.1.3	24	1.1.10.1.1.1.4	23	O	0	N/A
1.1.10.1.1.1.4	23	10-04	ROD Signed	17,2	4/18/01	1.1.10.1.1.1.4	10			O	0	N/A

Cost Account Title		WAG 10-03 Ordnance Removal and Remediation				Cost Account Number				1.1.0.2.03		
Milestone Reference		3. WAG/OU	4. Milestone Title	5. Hammock Duration (Weeks)	6. Baseline Finish Date	Prerequisite		Successor		11. Completion Classification	12. Schedule Risk (Weeks)	13. Baseline Deviation Basis
1. WBS Number	2. ID No.					7. WBS Number	8. ID No.	9. WBS Number	10. ID No.			
1.1.0.2.003	450	10-03	Submit Draft RD/RA SOW to EPA/IDHW	13,0	10/22/98	1.1.0.1.1.1.9	94	1.1.0.2.003 1.1.0.2.003	198 213	O	0	N/A
1.1.0.2.003	198	10-03	Submit Draft Design to EPA/IDHW	18,2	3/15/99	1.1.0.2.003 1.1.0.2.003	450 213	1.1.0.2.003 1.1.0.2.003	617 917	O	0	N/A
1.1.0.2.003	213	10-03	Submit Draft RA Work Plan to EPA/IDHW	18,2	3/15/99	1.1.0.2.003	450	1.1.0.2.003 1.1.0.2.003 1.1.0.2.003	617 917 198	O	0	N/A
1.1.0.2.003	617	10-03	Submit Draft RA Report to EPA/IDHW	108,2	5/3/01	1.1.0.2.003 1.1.0.2.003	198 213			O	0	N/A
1.1.0.2.003	917	10-03	Submit Draft O&M Report to EPA/IDHW	98,3	3/9/01	1.1.0.2.003 1.1.0.2.003	198 213			O	0	N/A

Cost Account Title		10-05 Ordnance Interim Action				Cost Account Number				1.1.0.2.05		
Milestone Reference		3. WAG/OU	4. Milestone Title	5. Hammock Duration (Weeks)	6. Baseline Finish Date	Prerequisite		Successor		11. Completion Classification	12. Schedule Risk (Weeks)	13. Baseline Deviation Basis
1. WBS Number	2. ID No.					7. WBS Number	8. ID No.	9. WBS Number	10. ID No.			
1.1.0.2.005	617	10-05	Submit Draft RA Report to EPA/IDHW	48,3	3/10/94					O	0	N/A

Cost Account Title		WAG 10 Rad Contaminated Soils				Cost Account Number				3XLR10000		
Milestone Reference		3. WAG/OU	4. Milestone Title	5. Hammock Duration (Weeks)	6. Baseline Finish Date	Prerequisite		Successor		11. Completion Classification	12. Schedule Risk (Weeks)	13. Baseline Deviation Basis
1. WBS Number	2. ID No.					7. WBS Number	8. ID No.	9. WBS Number	10. ID No.			
1.1.10.1.1.4.1	80		Submit Draft SOW to EPA/IDHW	2,1	4/15/93					L	10	The quantity of existing data located after the start of the work package was more than anticipated. The data must be evaluated prior to the scoping meeting with EPA/IDHW

APPENDIX C
GANTT CHART SCHEDULES

BASELINE SCHEDULE RISK

BASELINE SCHEDULE RISK

BASELINE SCHEDULE RISK

BASELINE SCHEDULE RISK

APPENDIX D
DATA TABLES

<i>Operable Unit</i>	<i>Milestone</i>	<i>Orig Baseline</i>	<i>Rev. Baseline</i>	<i>Risk Added</i>	<i>FFA/CO</i>
OU 1-06	Draft SOW to EPA/IDHW	04-04-95			
	Draft ROD to EPA/IDHW	02-23-96			
	Final ROD Approved	06-27-96			
	Draft SOW-RD Work Plan to EPA/IDHW	06-27-96	10-03-96		
	Draft Design to EPA/IDHW	11-07-96	02-25-97		
	Draft RA Work Plan to EPA/IDHW	11-07-96	02-25-97		
	Draft RA Report to EPA/IDHW	11-20-98	03-09-99		
	Draft O&M Report to EPA/IDHW	12-22-98	04-06-99		
OU 1-07A	Draft GWTF Design to EPA/IDHW	07-26-93			
	Draft RA Work Plan to EPA/IDHW	07-02-93			
	Draft RA Report to EPA/IDHW	05-31-95			
	Draft O&M Report to EPA/IDHW	06-30-95			
OU 1-07B	Draft RI/FS Report to EPA/IDHW	07-26-93		08-09-93	09-30-93
	Draft ROD to EPA/IDHW	05-17-94		06-01-94	07-31-94
	Final ROD Approved	10-03-94		10-17-94	
	Draft SOW-RD Work Plan to EPA/IDHW	10-24-94	01-13-95	01-27-95	
	Draft Design to EPA/IDHW	03-13-95	05-22-95	06-06-95	
	Draft RA Work Plan to EPA/IDHW	03-13-95	05-22-95	06-06-95	
	Draft RA Report to EPA/IDHW	12-09-96	02-26-97	03-12-97	
	Draft O&M Report to EPA/IDHW	01-10-97	03-24-97	04-07-97	
OU 1-08	Draft Summary Report to EPA/IDHW	02-03-95			
OU 1-10	Draft SOW to EPA/IDHW	06-16-95			07-31-95
	Draft Work Plan to EPA/IDHW	10-23-95			12-31-95
	Draft RI/FS Report to EPA/IDHW	06-17-97			08-31-97
	Draft ROD to EPA/IDHW	04-30-98			06-30-98
	Final ROD Approved	08-31-98			
	Draft SOW-RD Work Plan to EPA/IDHW	08-31-98	12-04-98		
	Draft Design to EPA/IDHW	01-18-99	04-20-99		
	Draft RA Work Plan to EPA/IDHW	01-18-99	04-20-99		
	Draft RA Report to EPA/IDHW	06-25-01	09-26-01		
	Draft O&M Report to EPA/IDHW	07-24-01	10-24-01		
OU 2-04	Draft Summary Report to EPA/IDHW	01-31-95			
OU 2-05	Draft Summary Report to EPA/IDHW	01-31-94			
	Draft SOW to EPA/IDHW	05-02-94			
	Draft ROD to EPA/IDHW	02-20-95			
	Final ROD Approved	06-22-95			
	Draft SOW-RD Work Plan to EPA/IDHW	07-25-95			
	Draft Design to EPA/IDHW	12-11-95			
	Draft RA Work Plan to EPA/IDHW	12-11-95			
	Draft RA Report to EPA/IDHW	07-10-97			
	Draft O&M Report to EPA/IDHW	08-08-97			
OU 2-07	Draft Summary Report to EPA/IDHW	01-31-94			
	Draft SOW to EPA/IDHW	05-02-94			

<i>Operable Unit</i>	<i>Milestone</i>	<i>Orig Baseline</i>	<i>Rev. Baseline</i>	<i>Risk Added</i>	<i>FFA/CO</i>
	Draft ROD to EPA/IDHW	02-20-95			
	Final ROD Approved	06-22-95			
	Draft SOW-RD Work Plan to EPA/IDHW	07-25-95			
	Draft Design to EPA/IDHW	12-11-95			
	Draft RA Work Plan to EPA/IDHW	12-11-95			
	Draft RA Report to EPA/IDHW	06-09-97			
	Draft O&M Report to EPA/IDHW	07-09-97			
OU 2-09	Draft SOW to EPA/IDHW	04-30-93			
	Draft ROD to EPA/IDHW	02-18-94			
	Final ROD Approved	06-22-94			
	Draft SOW-RD Work Plan to EPA/IDHW	07-26-94	09-23-94		
	Draft Design to EPA/IDHW	12-12-94	02-17-95		
	Draft RA Work Plan to EPA/IDHW	12-12-94	02-17-95		
	Draft RA Report to EPA/IDHW	07-10-96	09-09-96		
	Draft O&M Report to EPA/IDHW	08-08-96	10-08-96		
OU 2-10	Draft RA Report to EPA/IDHW	03-31-94			
OU 2-13	Draft SOW to EPA/IDHW	06-18-96			07-31-96
	Draft Work Plan to EPA/IDHW	11-18-96			12-31-96
	Draft RI/FS Report to EPA/IDHW	06-25-98			08-31-88
	Draft ROD to EPA/IDHW	06-14-99			06-30-99
	Final ROD Approved	11-22-99			
OU3-09	Draft Summary Report to EPA/IDHW	04-14-95			
OU 3-13	Draft SOW to EPA/IDHW	08-01-95			08-31-95
	Draft Work Plan to EPA/IDHW	01-01-96			01-31-96
	Draft RI/FS Report to EPA/IDHW	09-01-97			09-30-97
	Draft ROD to EPA/IDHW	07-01-98			07-31-98
	Final ROD Approved	10-30-98			
OU 4-05	Draft Summary Report to EPA/IDHW	02-23-96			
OU 4-12	Draft RI/FS Report to EPA/IDHW	06-23-94			09-30-94
	Draft ROD to EPA/IDHW	07-17-95			07-31-95
	Final ROD Approved	12-08-95			
OU 4-13	Draft SOW to EPA/IDHW	06-18-96			08-31-96
	Draft Work Plan to EPA/IDHW	11-18-96			01-31-97
	Draft RI/FS Report to EPA/IDHW	06-25-98			09-30-98
	Draft ROD to EPA/IDHW	08-03-99			07-31-99
	Final ROD Approved	01-19-00			
OU 5-05	Draft Summary Report to EPA/IDHW	03-15-95			
	Draft SOW-RD Work Plan to EPA/IDHW	04-23-01			
	Draft Design to EPA/IDHW	09-07-01			
	Draft RA Work Plan to EPA/IDHW	09-07-01			

Operable Unit	Milestone	Orig. Baseline	Rev. Baseline	Risk Added	FFA/CO
	Draft RA Report to EPA/IDHW	02-03-03			
	Draft O&M Report to EPA/IDHW	03-06-03			
OU 5-07	Draft Summary Report to EPA/IDHW	06-16-93		05-18-93	
	Draft SOW-RD Work Plan to EPA/IDHW	10-24-94		11-09-95	
	Draft Design to EPA/IDHW	03-13-95		03-28-96	
	Draft RA Work Plan to EPA/IDHW	03-13-95		03-28-96	
	Draft RA Report to EPA/IDHW	08-19-96		09-05-97	
	Draft O&M Report to EPA/IDHW	09-17-96		10-03-97	
OU 5-08	Draft Summary Report to EPA/IDHW	05-09-96			
	Draft SOW-RD Work Plan to EPA/IDHW	04-23-01			
	Draft Design to EPA/IDHW	09-07-01			
	Draft RA Work Plan to EPA/IDHW	09-07-01			
	Draft RA Report to EPA/IDHW	02-03-03			
	Draft O&M Report to EPA/IDHW	03-06-03			
OU 5-09	Draft Summary Report to EPA/IDHW	03-12-96			
OU 5-12	Draft SOW to EPA/IDHW	08-02-96	10-02-96		09-30-96
	Draft Work Plan to EPA/IDHW	12-09-96	02-13-97		02-28-97
	Draft RI/FS Report to EPA/IDHW	07-30-98	09-29-98		10-31-98
	Draft ROD to EPA/IDHW	06-11-99	08-11-99		08-31-99
	Final ROD Approved	10-13-99	12-15-99		
OU 5-13	Pre/Pre-Final Design to EPA/IDHW	07-23-93		11-23-93	
	Draft RA Work Plan to EPA/IDHW	08-09-93		11-23-93	
	Draft RA Report to EPA/IDHW	07-20-94		11-02-94	
	Draft O&M Report to EPA/IDHW	08-22-94		12-08-94	
OU 6-02	Draft Summary Report to EPA/IDHW	12-07-95			
OU 7-03	Draft IA SOW to EPA/IDHW	07-26-95			
	Draft IA ROD to EPA/IDHW	07-19-96			
	IA ROD Approved	11-12-96			
	Draft SOW-RD Work Plan to EPA/IDHW	06-22-95	02-24-97		
	Draft Design to EPA/IDHW	11-06-95	07-09-97		
	Draft RA Work Plan to EPA/IDHW	11-06-95	07-09-97		
	Draft RA Report to EPA/IDHW	12-02-99	08-01-01		
	Draft O&M Report to EPA/IDHW	01-04-00	08-24-01		
OU 7-06	Final Informal Report	09-20-95			
OU 7-08	Draft RI/FS Report to EPA/IDHW	07-06-93		08-10-93	09-30-93
	Draft ROD to EPA/IDHW	03-08-94		04-12-94	07-31-94
	Final ROD Approved	06-29-94		08-04-94	
	Draft RD/RA SOW to EPA/IDHW	08-04-94		09-09-94	
	Draft RD Work Plan to EPA/IDHW	12-12-94		01-24-95	
	Remedial Design to EPA/IDHW	04-18-95		05-23-95	
	Draft RA Work Plan to EPA/IDHW	05-23-95		06-28-95	

<i>Operable Unit</i>	<i>Milestone</i>	<i>Orig. Baseline</i>	<i>Rev. Baseline</i>	<i>Risk Added</i>	<i>FFA/CO</i>
	Draft O&M Report to EPA/IDHW	05-01-01		06-06-01	
	Draft RA Report to EPA/IDHW	05-22-01		06-27-01	
OU 7-10	Final ROD Approved	03-30-93		07-16-93	
	Draft RD/RA SOW to EPA/IDHW	04-20-93		08-05-93	
	DG&G/DOE-ID Approve LPT Remediation	06-02-95		01-02-97	
OU 7-12	Draft ROD to EPA/IDHW	03-31-93		12-23-93	10-31-93
	Final ROD Approved	03-31-93		01-28-94	
	Draft SOW-RD Work Plan to EPA/IDHW	07-13-93		05-11-94	
	Draft Design to EPA/IDHW	10-15-93		08-16-94	
	Draft RA Work Plan to EPA/IDHW	10-15-93		08-16-94	
	Draft RA Report to EPA/IDHW	05-27-94		03-29-95	
	Draft O&M Report to EPA/IDHW	04-29-94		03-01-95	
OU 7-13	Draft SOW to EPA/IDHW	04-29-94		11-17-94	08-31-95
	Draft IA SOW to EPA/IDHW	04-29-94		06-27-94	
	Draft RI/FS Work Plan to EPA/IDHW	09-30-94		04-28-95	01-31-96
	Draft IA ROD to EPA/IDHW	04-25-95		06-21-95	
	Draft RI/FS Report to EPA/IDHW	05-28-96		08-19-97	09-30-97
	IA ROD Approved	08-17-95	11-20-95	10-13-95	
	Draft SOW-RD Work Plan to EPA/IDHW	03-22-95		01-25-96	
	Draft Design to EPA/IDHW	08-07-95	04-15-96	06-11-96	
	Draft RA Work Plan to EPA/IDHW	08-07-95	04-15-96	06-11-96	
	Draft RA Report to EPA/IDHW	04-03-01	12-04-01	02-06-02	
	Draft O&M Report to EPA/IDHW	05-02-01	01-10-02	03-08-02	
	Draft ROD/Resp. Summary to EPA/IDHW	04-01-97		06-23-98	07-31-98
	Final ROD Approved	08-01-97		10-23-98	
	Draft SOW-RD Work Plan to EPA/IDHW	09-23-98		02-04-99	
	Draft Design to EPA/IDHW	02-09-99		06-14-99	
	Draft RA Work Plan to EPA/IDHW	02-09-99		06-14-99	
	Draft RA Report to EPA/IDHW	11-02-99		03-16-00	
	Draft O&M Report to EPA/IDHW	12-03-99		04-13-00	
OU 7-14	Draft SOW to EPA/IDHW	10-27-95			07-31-96
	Draft RI/FS Work Plan to EPA/IDHW	04-01-96			12-31-96
	Draft RI/FS Report to EPA/IDHW	11-25-97		07-22-98	08-31-98
	Draft ROD to EPA/IDHW	03-16-99		10-29-99	06-30-99
	Final ROD Approved	08-09-99		04-04-00	
OU 10-02	Draft Summary Report to EPA/IDHW	12-05-97			
OU 10-03	Draft Summary Report to EPA/IDHW	12-19-96			
	Draft SOW to EPA/IDHW	05-19-97			
	Draft ROD to EPA/IDHW	06-11-98			
	Final ROD Approved	11-19-98			
	Draft SOW to EPA/IDHW	10-22-98	03-03-99		
	Draft Design to EPA/IDHW	03-15-99	07-13-99		
	Draft RA Work Plan to EPA/IDHW	03-15-99	07-13-99		
	Draft RA Report to EPA/IDHW	05-03-01	08-31-01		

<i>Operable Unit</i>	<i>Milestone</i>	<i>Orig Baseline</i>	<i>Rev. Baseline</i>	<i>Risk Added</i>	<i>FFA/CO</i>
	Draft O&M Report to EPA/IDHW	03-09-01	07-09-01		
OU 10-04	Draft SOW to EPA/IDHW	02-19-98			06-30-98
	Draft RI/FS Work Plan to EPA/IDHW	06-23-98			11-30-98
	Draft RI/FS Report to EPA/IDHW	02-07-00	07-25-00		07-31-00
	Draft ROD to EPA/IDHW	12-07-00	06-01-01		05-31-01
	Final ROD Approved	04-18-01	10-04-01		
OU 10-05	Draft RA Report to EPA/IDHW	03-10-94			

DATE

FILMED

8/12/94

END