U. S. DEPARTMENT OF ENERGY
ROCKY FLATS PLANT
ENVIRONMENTAL RESTORATION PROGRAM WEEKLY REPORT
WEEK ENDING JULY 2, 1993

Section I - Interagency Agreement (IAG)

OU 1 - 881 Hillside-Phase III Resource Conservation and Recovery Act (RCRA) Facility Investigation/Remedial Investigation (RFI/RI)

Remedial Investigation (RI)

Two meetings were held last week with the Department of Energy (DOE), the Environmental Protection Agency (EPA) and the Colorado Department of Health (CDH) on the Final RI Report. The first meeting was a presentation and discussion of the re-interpretation of the OU1 geology, hydrology, site conceptual model and nature and extent of contamination. Data sets for OU1 and data compilation issues were also discussed. The second meeting was to discuss the contaminant decision tree and the process of defining or eliminating contaminants as site (OU1) contaminants. The OU1 contaminants defined through this process were presented for regulatory agency input. The regulatory agencies responded favorably to both meetings and the progress on the Final RI and will relay any detailed comments to DOE as soon as possible. A contract negotiation was completed last week for the ecological risk assessment contractor.

The majority of the chemical data from the hotspot sampling has been received. A diskette of this data has been requested from the Rocky Flats Environmental Database System (RFEDS) and will be transmitted to the contractor this week for incorporation into the Final RI. The data will be updated if appropriate once validation is received.

Feasibility Study/Corrective Measures Study (FS/CMS)

Work on the FS was restarted this week with a re-evaluation of the list of remediation alternatives based on the revised interpretations of the nature and extent of contamination in the Final RI. The majority of the FS work cannot be resumed until the revision of the risk assessment has progressed enough to determine the final contaminants of concern (COC) list.

OU 1, 881 HILLSIDE IM/IRA Treatment Building 891

Effluent tanks T-206, and T-207 are full. T-206 may require additional retreatment to lower total dissolved solids (TDS) below Applicable, Relevant and Appropriate Requirements (ARARs). ER personnel are awaiting results from the 881 laboratory on a recent sample. Analytical results for T-207 were received last week. Discharge of T-207 to the South Interceptor Ditch was started on Wednesday, June 22, 1993. T-205 is presently filling with treated effluent, and nearly two-thirds capacity.

The previously treated decontamination water which was being held in T-201 influent tank for cooling, was treated through the Ultra-violet and Ion Exchange units one final time. Analytical results for this final "pass" are pending.

The Ion Exchange final effluent pH has been erratic this past week. The pH falls to below normal operating parameters quicker than expected. The lower pH's require additional regeneration of the resins and could potentially indicate diminishing resin performance. Resin samples will be sent to Sybron Labs (resin manufacturer) for analysis.

Treated ground water this week: 4,900 gallons
Total treated groundwater: approximately 1,382,000 gallons

ADMIN RECORD

A-OU16-000064

OU 2 - 903 Pad, Mound, East Trenches Area

Work is continuing for the OU 2 work packages. All of the ADS work packages were sent to DOE for review on June 25, 1993. The Subsurface Interim Measures/Interim Remedial Action (IM/IRA) and RI work packages anticipate going to change control soon to acquire additional money to pull treatability studies into Fiscal Year (FY) 93 from FY 94. Additional funds will also be obtained for soil vapor surveys.

Remedial Assessment

The revised Addendum to Technical Memorandum (TM) No. 8, Contingency Plan was delivered to RFO on June 29, 1993. This TM is expected to receive approval from CDH and EPA. Revised pages for TM-8 will also be transmitted to RFO.

The Contaminant of Concern TM (TM-9) and Toxicity Assessment TM (TM-10) are scheduled to be completed July 2 for joint RFO and EG&G review.

Two drill rigs remain onsite. One drill rig B-series well was started on Friday, June 25, 1993. Two additional B-series wells will not be drilled as per the work plan since the A-series well samples did not contain contamination. The remaining three A-series wells have not been sampled and/or do not yet have sample analyses. Slug testing has been completed for one well, and is in progress for the other two wells.

Subsurface IM/IRA

The Draft Soil Vapor Extraction Pilot Test Plan for Site Number 2 (Site 2 Draft Test Plan) was delivered to the regulatory agencies on June 24, 1993. This was an Interagency Agreement (IAG) milestone. EPA and CDH comments are due to RFP 4 weeks after receipt of the Draft Test Plan. Submittal of the Final Test Plan for Site 2 and completion of the pilot unit bid package are due 9 weeks after receipt of EPA and CDH comments on the Site 2 Draft Test Plan.

Final design documents for the Mobil Soil Vapor Extraction Unit (MSVEU) were approved and transmitted to the subcontractor. A letter of subcontract was issued to allow expedited planning for the planning task for the MSVEU.

The baseline soil gas survey at the 903 Pad is continuing. Field maps of Trench 110 have been received. Contaminant concentrations were high enough to require a more detailed surveys at the Mound and East Trenches. The existing subcontract will be modified to cover this work.

Surface water IM/IRA

A rough draft of the OU 2 Interim Measures/Interim Remedial Action Plan (IM/IRAP) Draft Report was completed on June 25, 1993. An additional rough draft will be ready for transmittal to RFO by July 6, 1993. A joint RFO/EG&G review is scheduled for July 7, 1993.

A total of 4, 55-gallon drums of sludge were generated this week.

Building 559 had a 6" domestic cold water line break on Friday, June 18, 1993. The water from this break did not get shut off until Tuesday, June 22, 1993 in the morning. The OU-2 FTU received this water via surface water collection weir SW132. The water flow was very high (exceeded the SW132 pump capacity), and very turbid (turbidity was in excess of 500 ntu at times). The additional flow and muddy water resulted in approximately five (5) additional sludge drums that will be produced.

On Friday, June 18, 1993, the membranes in the rad removal system clogged and required a chemical cleaning that resulted in the weirs overflowing for a total of 45 minutes. DOE was notified of the non-collection of water prior to the shutdown.

The 250 kW generator was repaired and placed back into service on June 21, 1993. This resulted in a 1 1/2 hour shutdown of the treatment facility while the transfer was being made from the temporary generator to the 250 kW OU-2 generator.

OU 3 - Offsite Areas

A Statement of Work is being developed to procure a subcontractor for weed control activities on the Settlement Agreement property. These weed control activities will include mowing and a fall application of a broad spectrum herbicide. The weed control is necessary to limit the competition from weed species and enhance the growth of more desirable plant species.

A contract modification is being developed to adjust resources required to prepare the RI Report. As individual tasks to produce the report are more clearly identified, resources need to be readjusted within the contract to respond to these changes.

OU 4 - Solar Evaporation Ponds Phase I RFI/RI Program

Vadose monitoring continues in the form of ground water elevation, lysimeter sampling, and neutron probe monitoring. The OU 4 Environmental Evaluation (EE) is being conducted in accordance with the technical memorandum (TM) and agency comments on the TM.

OU 5 - Woman Creek

The Final TM9, *Monitoring Wells at Individual Hazardous Substance Site (IHSS) 133, the Ash Pits*, was delivered to the regulatory agencies on June 23, 1993. Verbal approval had been received from EPA and CDH on the location and number of wells prior to their installation at IHSS 115, the Old Landfill, and IHSS 133, the Ash Pits. Written approval has not yet been received from the regulatory agencies.

The Draft TM 12, *Exposure Scenarios*, was delivered to RFO on May 24. Comments were completed on June 28, 1993. The comments will be incorporated in the Draft TM 12 to be delivered to RFO on July 6, and subsequently to the regulatory agencies.

With the exception of aquifer testing and quarterly sampling of the groundwater monitoring wells, all field sampling directed by the OU 5 Field Sampling Plan, Section 7 of the OU 5 RFI/RI Work Plan should be complete by July 2, 1993. Completion of the final field activities had been scheduled for June 25, 1993, but there has been a slow down in the soil sampling in the radiological controlled areas (RCA's). The soil sampling crews are required to go to level C personnel protective equipment (PPE), tyvex and respirators and the temperature has been in the high 80s, thereby requiring numerous rest periods to avoid heat stress.

There is also a one to two day activity scheduled to start July 12, 1993, to use the geoprob All Terrain Vehicle (ATV) to collect downhole soil and water (if encountered) samples at a magnetic anomaly located at northing 200-300, easting 200-400. This magnetic anomaly, found during the course of field investigations, is just west of the 133 group of IHSS's near Woman Creek. The geoprob rig is currently on another project and can not start until July 12, 1993.

OU 6 - Walnut Creek

The Modeling TM is being reviewed by RFO. The comments on the Exposure Scenarios TM from RFO were incorporated into the Draft Final. The only comment from RFO was complementary. The Draft Final Exposure Scenarios TM will be delivered to the regulatory agencies.

Sample Tracking continued on OU 6 with a review of the samples that the labs have yet to return the results on. Sample Management provided support by generating a list of the samples without results and then contacting the appropriate labs for the status of the samples. There appears to be a minimal loss of data from occurrences such as broken containers and samples that never arrived at the lab.

The comments received from internal review of the OU 6 TM 3 were examined for consistency to facilitate incorporation.

OU 7 - Present Landfill

Work continues on FY 94 work packages and outyear planning.

The proposal to change OU 7 submitted last week included the following :

1) Drop the Phase I risk assessment from the Phase I RI/RFI report since Colorado Hazardous Waste Act (CHWA) closure requirements drive the IM/IRA selection and are supported by EPA guidance.

2) Modify the Field Sampling Plan and Data Quality Objectives for Phase I work plan sections to include a full pathway risk assessment thus eliminating the need for a Phase II Work Plan and allowing the risk assessment work to continue. This would significantly reduce cost and allow schedule acceleration.

3) Streamline the IM/IRA Decision Document to incorporate CHWA closure requirements and EPA guidance reducing the cost and accelerating the schedule.

Written concurrence was requested from RFO by EG&G to pursue this course of action. The request is being considered.

A draft of this OU 7 scope change proposal was sent to the CDH project lead at the request of RFO. The initial response has been favorable and a meeting has been requested to finalize this effort.

Work continues on finalization of an OU 7 specific COC data evaluation process flow. The draft has verbal approval from RFO and a draft was sent to CDH to begin the resolution process.

OU 8 - 700 Area

The revised Health and Safety Plan (HSP) for implementation of non-intrusive field work for the Industrial Area Operable Units (IA OUs), OUs 8, 9, 10, 12, 13, 14, was delivered to EG&G on July 1, 1993. EG&G will review the HSP prior to delivery to RFO. Two complete copies of the HSP will be delivered to RFO on July 7, 1993. This version of the HSP is the second draft and Remediation Project Management (RPM) expects that pending review from Industrial Hygiene and Environmental Restoration Management (ERM's) Health and Safety officer the final version can be completed by the subcontractor.

EG&G Procurement entered into subcontract negotiations for the IA OU contract on July 1, 1993. Contract award depend on the subcontractor's resolution of the negotiation topics brought up by RPM and Procurement.

OU 9 - Original Process Waste Lines (OPWL)

Strategic Planning/Accelerated Early Action Approach (AEAA) provided a technical briefing on OU 9 to a panel of experts. Discussed objectives of OU 9 Work Plan, and integrating Industrial Area OU activities by Recommended Utilization of Best Organizational Strategy.

Sample Management Organization/Rocky Flats Environmental Database System (SMO/RFEDS) Liaison Invited by Derryl Stagg to participate in meeting to address continued improvement in RFEDS.

OU 10 - Other Outside Closures

High Purity Germanium (HPGe) gamma survey measurements are completed for IHSS 170 and 174 , Property Utilization and Disposal (PU&D) Yard. The new mast installation for the truck mounted HPGe is functioning adequately. It is anticipated that no further delays can be expected as the result of equipment failure associated with the mast on the HPGe truck. Data processing of the OU10 HPGe data will begin this week. The next area to be assessed using the HPGe equipment will be IHSS's within the 400/800 area for OU 10 and OU 12, which will begin next week.

The contract negotiations for the Industrial area OU field work with Jacobs Engineering Group are for July 1, 1993. It is anticipated that the contract award will occur within on week after contract negotiations. Further delays in the contract award date will result in pushing FY 93 activities into FY 94. It is hoped that this schedule impact can be minimized if the contract is awarded immediately after negotiations. (See OU8 Highlights for additional information).

Draft work packages FY 94 for OU 10 have been reviewed with DOE, and comments will be incorporated for the next revision.

OU 11 - West Spray Field

Writing of the Statement of Work (SOW) for the OU 11 Combined Phases RFI/RI investigation and Baseline Risk Assessment is in progress. A meeting will be held with EG&G's Statistical Applications Department and Remediation Projects Management for the first cut of the Revised Field Sampling Plan and Data Quality Objectives. Upon finalization, this document will be submitted to the regulatory agencies and incorporated into the SOW.

The draft FSP revision is still under development.

A letter was transmitted to DOE identifying schedule impacts from the integration of Phases I and II.

OU 12 - 400/800 Area

The contract award date for the industrial area OU field work with Jacobs Engineering Group is still in Procurement. The technical evaluation was delivered eight weeks ago and there is still no contract. Negotiations that were scheduled for the week of June 21, 1993, are now scheduled for July 1, 1993. In order to limit the schedule impacts a letter contract was issued on May 13, 1993. The letter contract was awarded with limited scope including development of the subcontractor's HSP and Implementation Plan. This delay has pushed the field work schedule by approximately seven weeks. The implementation of the IA OU fieldwork is being expedited to try and recover some of the delay.

The OU 12 FY 94 draft work package was completed. Guidance was given to meet target funding with the activities that are scheduled for FY 94, as per the Five Year Plan, without trying to expedite activities from outyears (i.e. intrusive field activities). Development of an integrated resource-loaded schedule and an evaluation of integrating the work packages is scheduled to be developed over the next two weeks.

Informal discussions amongst the Project Managers for the Integrated OUs regarding the estimate of work that will be completed at year's end and IHSS intrusive activities that could be performed during 1994 have been in progress. Different costing and scheduling scenarios are being developed.

The statement of work (SOW) for implementation of the Industrial Area environmental evaluation (EE) is being developed. One EE will be conducted for the entire Industrial Area but will support the information required in the Phase I RFI/RI Work Plans for OUs 4, 8, 9, 10, 12, 13 and 14. The implementation will be conducted by using the OU 9 EE.

OU 13 - 100 Area

The revisions of the first cut of OU 13 Work Package are underway. This will result in a package which is much less than the targeted amount presented in the first work package. Work continues on the integration of the Industrial Area Operable Units. An OU summary sheet has been completed for the Strategic Planning Panel.

OU 14 - Radioactive Sites

Refinement of the OU 14 FY 94 Work Package continued for hours provided by supporting cost centers and consistency with the other integrated OU's.

The Draft Comprehensive Risk Assessment Scoping Document (June 21, 1993 edition) was reviewed and comments were submitted to the chairperson on, July 2, 1993.

OU 15 - Inside Building Closures

The critical path for continuing with the performance of OU 15 fieldwork includes completion of IWCPs for individual buildings (i.e., 881, 865, 883 &447). Completion of the Integrated Work Control Programs (IWCPs) is dependent upon approval of the SOP for Collection of Floor/Equipment Rinsate Samples; an approved copy of which must be included within the IWCPs. DOE, RFO approval of the SOP is required prior to implementation of work under the SOP. DOE, RFO approval of the SOP was obtained this week.

The June 18, 1993, Internal Work Package Milestone for beginning OU 15 fieldwork has already been met since IHSS inspections have been conducted by ERM-Rocky Mountain, however, not all criteria for Milestone completion have been met. The beginning of OU 15 fieldwork Milestone will not be considered complete until all permitting requirements and Quality Assurance requirements are met.

The schedule for implementation of the Phase I RFI/RI Work Plan for OU 15 is expected to slip approximately one (1) month due to new EG&G Administrative Procedure Requirements (e.g., the SES requirement), the IWCP approval process, and QA requirements (i.e., Document Control requirements, QA Readiness Review requirements, etc.)

Subcontract modification for coordination of Transition work and EG&G Radiation Protection Technicians (RPTs) has been completed.

OU 15 Technical Memorandums are not scheduled for submittal until FY 94.

OU 16 - Low Priority Sites

The Administrative Record continued to be updated with documents provided by various plantsite departments in preparation for the OU 16 Proposed Plan/Draft RCRA Permit Modification being released to the public sector for comments.

The proposed release date of July 6, 1993, may need to be rescheduled to allow further review time for RFO, HQ, and EG&G.

Integrated Operable Units - OUs 8, 9, 10, 12, 13 and 14

Security badging for subcontractor personnel is continuing. Justification for Q-clearance for key subcontract personnel to support data compilation tasks was submitted to Personnel Security on June 24, 1993.

RPM is working to develop the integrated OU schedule for FY94. Each IA OU schedule for FY94 will be linked together via the work package system.

Sitewide Activities

Administrative Record (AR)

Collection of final AR documents for OU 16 continues. Few documents exist that are not already in the AR file. The dates for the Record of Decision process remain:

- 7/06/93 - Issue to Public
- 7/12/93 - Open for Public Review and Comment
- 8/12/93 - Public Meeting
- 9/10/93 - Close Public Review and Comment

Other Activities

RCRA Units

RCRA Unit 18.03 has 66 OU1, 216 OU2, 4 well abandonment and replacement (WARP), 214 OU5-OU6, 92 OU7, 137 Decon Pad 44 OU2 BR and 2 EB UST drums for a total of 775 drums stored in it with 30 of the 166 having detectable water. One hundred sixteen drums from RCRA Unit 18.03 with no exceedances were shipped to the contractors yard and the soil is being readied to be disposed of in the landfill. Two hundred sixteen drums with potential exceedances from the OU1, OU2, and Site-Wide drilling programs have been marked and are being monitored by EG&G Radiation Protection Techs in preparation to be shipped to RCRA Unit 18.03. Three hundred forty-one drums from OU2-BR 27 drums from OU5 and 30 drums from the Main Decon Facility are presently being stored at RCRA Unit 1940 and are being readied to be shipped to RCRA Unit 18.03.

At the present time there are 1,652, 55-gallon drums and 1,651, 30-gallon drums for a total of 3,303 environmental gray drums. Weekly RCRA inspections were completed. Monthly and weekly drum inspections for the month of June are complete. A battery inventory for all personnel in the contractors yard was initiated, so that a battery recycling or disposal program can be started.

Power Supplies

Installation of two uninterruptible power supplies (UPS) was completed at the field operations yard T891E trailer insures data integrity.

Main Decontamination Facility (MDF)

The MDF was fully operational throughout the work week and radiological and environmental monitoring of the decontamination pad were at background levels.

Purge water from ground water operations was isolated from the decon wash water. A separate analysis was performed on strictly OU2 Bedrock decon water. The results have been received and the water was found to be nonhazardous.

Waste Technical Support characterized each well in the current Ground Water Program for regulated organic constituents. Approximately 40 wells were found to have hazardous constituents in them. Based on the process of separating decon wash water from purge water, it has been recommended to run the purge water through the same Operable Unit (OU) it originated from, i.e., OU2 would be run through OU2, OU1 would be run through 891 Treatment Facility, and etc. This process of separating decon wash water from purge water and performing a separate analysis is a result of an action plan to resolve the permitting issue of the MDF. Ground Water, Decon Facility, RCRA Regulatory Programs, and OU1, 2 &4 Treatment personnel will meet to come into agreement with this action.

The MDF was RCRA inspected throughout the work week.

Approval was received by engineering to finish the electrical hookup at the MDF. Electricity was activated on June 3, 1993.

The MDF/PADF agreed to decontaminate heavy equipment for the B1-Dam Restoration Project per Construction Management's request due to their temporary status at Rocky Flats. EG&G's Radiological Protection Technicians (RPT) provided the necessary radiation documentation.

The MDF was shutdown on June 18, 1993 due to being at maximum tank capacity. No environmental field operations were affected by the closure. Analytical results arrived late in the afternoon, however trucking was not able to support the decon pad with a tanker until June 21, 1993. The pad was fully operational early in the morning on June 21.

Protected Area Decontamination Facility (PADF)
The PADF is not supporting any Environmental activities at this time.

Waste Water
RFP Surface Water Division has stating decon waste water can go to the sewage treatment plant (STP) if it meets their criteria. The waste water from the decon facilities will be able to meet the criteria most of the time.

Section II - Solar Ponds Remediation Project (SPRP)
Program Management
The regulators made a significant, new proposal at a dispute resolution meeting during the week. The meeting was scheduled to discuss the extension of two Phase I RFI/RI report milestones that had only been partially extended by the regulators. The regulators' basic proposal was to trade those two milestones for an acceleration of the Phase I IM/IRA pond closure schedule as currently included in the IAG. Acceleration of the IM/IRA requires concurrent acceleration of the removal of the sludge from the ponds.

Based on informal direction from RFO, we have assembled a team and begun planning a revised sludge removal strategy and accelerated IM/IRA schedule. A Baseline Change Proposal (BCP) was prepared for submission to the Plan Change Board the week of 6/28/93. The BCP covers the new scope and cost of the study. The study involves developing three new accelerated schedules:

- For Phase I reduced reporting
- For accelerated sludge removal from the ponds
- For an accelerated Phase I IM/IRA

Three options were selected for removing material from the ponds as follows:

- Storage in small containers (drums, metals, B boxes, etc.)
- Storage in "Frac" tanks (large, metal containers similar to a tanker trailer - mobile when empty)
- Storage in Modular Tanks (like those used for the Interceptor Trench System)

After evaluation, one of these three options will be selected for conceptual design studies leading to a definitive schedule and cost estimate (which must fall within target funding levels) to be used as the basis for the new IAG milestone for sludge removal from the ponds. The analysis is tentatively scheduled for completion in September.

Regulatory

DOE has begun dispute resolution with the CDH and EPA in regards to the RFI/RI Draft and Final reports (IAG milestone dates May 21 and October 18, 1993). Rocky Flats has now missed the milestone for the draft report and expects to miss the milestone for the final report; DOE has requested extensions to these two milestones, and has disputed the regulators' response to those extension requests. Favorable resolution of the dispute appears to hinge on successful completion of a new schedule that deletes any formal RFI/RI report, containerizes the pond sludges, and applies the resulting schedule-acceleration to closing the ponds sooner. Since DOE has disputed the regulators response, the May 21/October 18 milestone dates may only be extended in accord with the outcome of the dispute resolution (IAG Part 42, ¶ 225). EG&G has not yet identified a plan to produce the new, accelerated closure schedule in the time-frame identified in the dispute-resolution meeting. Work on the requested plan and schedule is continuing.

Operations at the new evaporator facility in Building 910, which will treat Interceptor Trench System (ITS) water for reuse at the plant, are expected to be limited by air emissions from the natural gas diesel engines. Support from the engine vendor and emission-testing vendor has been arranged to adjust the engines as part of the air-emissions measurements the week of June 28, 1993. These adjustments should ensure the maximum operational time will be achieved.

Pondsludge Status and Issues

The scope, Government Fair Cost Estimate and the Purchase Requisition for $60,000 have been processed to Purchasing for Halliburton-NUS (HNUS) to participate in the Accelerated Sludge Removal Trade-off Study. HNUS will provide roughly 5 technical staff to assist with the Sludge Management Team deliberations. This technical support group will be on the job for roughly two weeks.

ICF/ Kaiser Engineers met Solar Ponds staff on Friday to scope and conduct fact finding on their role during Accelerated Sludge Removal Trade-off Study. ICF/KE will assemble the Design Criteria Package, perform a Cost Estimate and create an initial schedule. Most of this will occur after the Sludge and Containerization Teams have completed their investigations. A Master Task Subcontract extension to an existing ICF/KE subcontract will serve as the vehicle for retaining Kaiser to do this work

Pad Operations/Storage Status and Issues

On June 16, 1993, personnel from the CDH toured the 904 pad. The purpose of the tour was to familiarize the permit writers with the condition of the tri-wall boxes. These containers are the subject of a request for a change to interim status that would authorize EG&G to store the failed pondcrete and saltcrete in a waste pile configuration. Additional information regarding the site hydrology was provided to CDH after the tour.

Water Management Status and Issues

The Building 910 evaporator process qualification test was finished 4 days ahead of schedule. The units have operated thus far "essentially" leak free. Some of the piping joints have shown "weeping" or dampness on the underside but have not produced any measurable volumes and have in many cases been self healing. All three units will be operated concurrently June 28 & 29 to allow collection of data on building environmental conditions such as temperature and noise level. The required air emission testing will also be conducted at that time.

Sampling for the Building 910 Qualification Test has been completed four working-days ahead of schedule. Field measurements performed on the product distillate have been encouraging, and analytical results should be available by July 14. EG&G expects to begin production-operations on-schedule on September 9, 1993. Successful operation of the Building 910 facility is a crucial pre-cursor to closure of the Solar Evaporation Ponds and remediation of Operable Unit 4.

We pumped water two days this week from the ponds to building 374. We plan to pump 1 day next week with a second day possible, conditions permitting.

		This Week	Total(since 4/1)
Pond Water to Bldg. 374:	(gal)	225,000	1,205,000
Modular Tank water to Bldg. 374:	(gal)	0	331,000
Pond water excess volume:	(gal, Approx.)	155,000	na
Total Pond Freeboard: (inches)		193	(desired 196)
Available Modular Tank Volume:	(gal)	560,500	(926,500 max)

Section III - Surface Water Management

Nonhazardous Waste from Decontamination Pad Approved for Discharge to Sewage Treatment Plant

EG&G Surface Water Division (SWD), at the request of RFO, evaluated the suitability of discharging decontamination pad waters to the RFP sewage treatment plant. This request followed a Colorado Department of Health (CDH) determination that decontamination pad waters are non-hazardous. SWD and Regulated and Sanitary Waste reviewed two years of water quality data using criteria established under the Incidental Waters Procedure, and agreed that the non-hazardous wastes collected at the pad can be discharged to the sanitary collection system. The separation of non-hazardous waste streams from waters now sent to Building 374, should result in substantial cost savings in waste treatment costs.

Section IV - Future

Tour of Buffer Zone Scheduled

A Buffer Zone tour is planned for mid-July, and an invitation has been extended from RFO to individuals representing the local cities and the CDH. EG&G SWD will conduct the tour and is coordinating with the Community Relations group to help with the planning process.

Community Relations

Technical Review Group Meeting

At the TRG meeting held on June 23, 1993, comments were turned in for the OU 3 TM #2, Exposure Scenarios for the HHRA, and for the OU 2 in situ document. The next meeting of the TRG will be held in September 1993.

Upcoming Events

July 27, 1993 Environmental Surveillance Exchange of Information Meeting, 1:30 p.m., Broomfield City Council Chamber, No.6 Garden Office Center, Broomfield

IAG MILESTONES THROUGH FISCAL YEAR 1994

OU#	Milestone Description	Date Due to EPA/CDH	Status
2	Submit Draft Phase II RFI/RI Report	12 Mar 93	Delinquent
2	Submit Draft Treatability Test Report	18 May 93	extended to 13 Jul 93
4	Submit Draft Phase I RFI/RI Report	21 May 93	extended to 14 Sep 93
2	Submit Site 2 Draft Test Plan	24 Jun 93	complete
2	Submit Final Treatability Test Report	13 Jul 93	extended to 8 Sep 93
3	Submit Draft Phase I RFI/RI Report	16 Jul 93	extension request being prepared by DOE
6	Submit Draft Phase I RFI/RI Report	4 Aug 93	*
2	Submit Final Phase II RFI/RI Report	9 Aug 93	*
7	Submit Draft Phase I RFI/RI Report	12 Oct 93	*
4	Submit Final Phase I RFI/RI Report	18 Oct 93	extended to 14 Feb 94
2	Submit Draft CMS/FS Report	4 Nov 93	*
1	Submit Final Phase III RFI/RI Report	15 Nov 93	extended from 4 Jan 93
5	Submit Draft Phase I RFI/RI Report	30 Nov 93	*
3	Submit Final Phase I RFI/RI Report	13 Dec 93	extension request being prepared by DOE
1	Submit Draft Proposed Plan	27 Sep 93	Extension request being prepared by DOE
1	Submit Final Proposed Plan	4 Jan 94	*
6	Submit Final Phase I RFI/RI Report	7 Jan 94	*
1	Submit Draft CMS/FS Report	11 Feb 94	extended from 31 Mar 93
8	Submit Draft Phase I RFI/RI Report	14 Feb 94	*
7	Submit Final Phase I RFI/RI Report	16 Mar 94	*
9	Submit Draft Phase I RFI/RI Report	11 Apr 94	*
4	Submit Draft Phase I Proposed IM/IRA Decision Document	14 Apr 94	*
12	Submit Draft Phase I RFI/RI Report	20 Apr 94	*
4	Submit Draft Phase II Work Plan	22 Apr 94	*
5	Submit Final Phase I RFI/RI Report	3 May 94	*
1	Submit Draft Responsiveness Summary	6 May 94	*
2	Submit Final CMS/FS Report	10 May 94	*
2	Submit Draft Proposed Plan	10 May 94	*
8	Submit Final Phase I RFI/RI Report	12 Jul 94	*
15	Submit Draft Phase I RFI/RI Report	1 Aug 94	on schedule
1	Submit Final CMS/FS Report	3 Aug 94	*
1	Submit Final Responsiveness Summary	3 Aug 94	*
1	Submit Draft CAD/ROD	3 Aug 94	*
13	Submit Draft Phase I RFI/RI Report	8 Aug 94	*
2	Submit Final Proposed Plan	9 Aug 94	*
10	Submit Draft Phase I RFI/RI Report	25 Aug 94	*
9	Submit Final Phase I RFI/RI Report	6 Sep 94	*
4	Submit Draft Phase I Proposed IM/IRA Decision Document	14 Apr 94	*
7	Submit Draft Phase II RFI/RI Work Plan	13 Sep 94	*
12	Submit Final Phase I RFI/RI Report	15 Sep 94	*
4	Submit Final Phase II RFI/RI Work Plan	19 Sep 94	*
11	Submit Draft Phase I RFI/RI Report	20 Sep 94	*

*Behind original IAG schedule; extension required.