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Ms. Laurie Peterson-Wright
EG&G Rocky Flats, Inc.
P.O. Box 464, Bldg. 080
Golden, Colorado 80402-0464

Subject: Submittal of February 8, 1995 Meeting Minutes
Technical Working Group Meeting for Operable Unit No. 7
(MTS Contract 353017TB3)

Dear Ms. Peterson-Wright:

Enclosed are meeting minutes to document the February 8, 1995, technical working group meeting for the OU 7 landfill closure interim measure/interim remedial action and environmental assessment.

If you have any questions, please contact me at your convenience.

Sincerely,

Myra K. Vaag
Project Manager

Enclosure

cc:	W. Bartholomew w/o	EG&G	B. Caruso	Stoller
	R. Cygnarowicz	EG&G	A. Crockett	Stoller
	T. Lindsay	EG&G	M. Eisenbeis	Stoller
	P. Martin	EG&G	D. Garcia	Stoller
	P. Corser	TerraMatrix	C. Gee	Stoller
	J. Kendall	TerraMatrix	J. Jankousky	Stoller
			D. Palmer	Stoller
			L. Ross w/o	Stoller
			B. Stephanus w/o	Stoller
			MKV Chron w/o	Stoller
			OU7 Project File	

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ADMIN RECORD

Minutes for the OU 7 Seep Collection/Landfill Closure IM/IRA
Technical Working Group Meeting
February 8, 1995

The meeting was planned as a round-table discussion so there was no agenda. The following topics were discussed:

Agency Meeting

Status of DOE Management Strategy Letters - DOE is waiting for a response on the letter regarding the wells proposed for abandonment. The letter regarding disposition of investigation-derived material is being written and reviewed at EG&G and has not been sent to DOE. The letter regarding consolidation of soils and sediments under RCRA corrective action will be completed and sent to DOE this week.

Purpose of Presentations - Two agency meetings will be scheduled for the weeks of February 20 and February 27. A third meeting may be necessary. The purpose of the meetings is to discuss consolidation of soils and sediments; present the conceptual model for the landfill closure IM/IRA under the presumptive remedy and RCRA corrective action; discuss the options analysis; present four alternatives; discuss their effectiveness, implementability, and cost; and select the preferred alternative.

Seep Collection PAM/ Title II Design

Delisting Seep Water - After reviewing the data from the leachate seep (SW097), DOE has determined that construction of a seep collection and storage system is not necessary because the seep water poses no risk. DOE will propose to delist the water. EG&G is performing a risk assessment of seep water and pond water to support this position. The risk assessment will be finished February 10. DOE is planning to prepare a proposal to send to CDPHE and EPA next week.

DOE's backup position is to modify the design for single-wall containment and treat the seep water at the sewage treatment plant. This strategy assumes that the agencies agree that the seep water falls under the RCRA "contained in" rule and is not considered FO39 listed waste. DOE/PME will examine the dispute resolution for the Pond Water IM/IRA for the original rationale for designing the seep collection and treatment system at OU 7.

Landfill Closure IM/IRA

Downgradient Groundwater Quality - DOE/PME suggested proposing to delist the groundwater if delisting of seep water is approved by CDPHE and EPA. In previous meetings, the agencies directed DOE to perform an ARARs comparison for the groundwater to determine if treatment is necessary; groundwater with PCOCs above ARARs will have to be treated.

Stoller will perform a background comparison using upper threshold limit (UTL ^{99/99}) values to identify PCOCs, compare PCOCs to ARARs, and, separately, determine the risk (carcinogenic and noncarcinogenic) of these contaminants. The results of the ARARs comparison and the risk assessment will determine the strategy that DOE takes on the groundwater management and treatment issue. Comparisons between upgradient wells and downgradient wells and between landfill wells and downgradient wells, discussed at the meeting last week, will not be performed.

ARARs - EG&G is finalizing site-specific ARARs for OU 7. The draft document is scheduled to be completed by March 1. Stoller should use values from this document for the ARARs comparison.

Alternatives for Groundwater Management - DOE/PME suggested that the options for management of groundwater downgradient of the landfill range from monitoring only to onsite treatment, and there are several possible options in between these endpoints. Stoller has been previously directed by EG&G/DOE to assume that groundwater will be treated at the existing OU 1 facility.

Costs for groundwater treatment at the existing OU 1 facility were briefly discussed. DOE/PME suggested using the existing OU 1/OU 2 treatment costs and revised hauling and monitoring costs. All operating costs for 30 years should be included; however, costs should be pro-rated because flows will decrease with time.

Action Items

The formal meeting minutes are the forum for tracking action items. A list of the action item, the person responsible for the action, and the status of the action item is included below. The list will be updated weekly. When an action has been completed, it will be stated as such, and the item will be removed from the action item list the following week.

- 01-121 Completed.
- 122 Determine possible trucking route from Western Aggregates to the present landfill east of Colorado Highway 93 (T. Lindsay, EG&G). EG&G is investigating options for a trucking route in the buffer zone between Western Aggregates and OU 5 and OU 7 and plans to propose constructing two new roads. NEPA approval will be required. The map showing the proposed roads will be completed on February 10. In progress.
- 123-157 Completed.
- 158 Determine allowable activities for radiological contaminants in soils/sediments (L. Peterson-Wright, EG&G). The no-rad-added policy is being reconsidered based on the reorganization of the cognizant professionals. In progress.
- 159-184 Completed.
- 185 Provide Stoller with a copy of the OU 4 IM/IRA-EA Decision Document (L. Peterson-Wright, EG&G).
- 186 Completed.
- 187 Determine if a small French drain would decrease head buildup in groundwater west of the landfill using the existing groundwater model (J. Jankousky, Stoller). In progress.
- 188 Compare groundwater quality upgradient of and within the landfill to groundwater quality downgradient of the landfill. Estimate the dispersion and retardation that might occur (J. Jankousky, Stoller). This action is no longer applicable. Concentrations of contaminants only in groundwater downgradient will be compared to ARARs and will be used to calculate risk. Completed.
- 189 Check the data constraining the location of the fault that cuts across OU 7 (M. Vaag, Stoller). Assuming the north end of the fault at the trench is fixed, the location of the fault on the north side of the landfill is accurate to approximately +/- 100 feet. The location of the fault on the south side of the landfill is accurate to approximately +/- 250

feet. The reinforced slurry wall will have to be longer on the south side of the landfill. Completed.

- 190 Check the progress on the management strategy letter regarding consolidation of sediments and soils under RCRA corrective action (L. Peterson-Wright, EG&G). A draft of the RCRA strategy has been prepared. EG&G will revise and send to DOE on February 10. Completed.
- 191 Schedule two meetings with CDPHE and EPA to discuss the conceptual model for the landfill closure IM/IRA and specific alternatives (L. Peterson-Wright, EG&G). Meetings are tentatively scheduled for February 22 and March 1. Completed.
- 192 Solicit a response from CDPHE and EPA on the wells proposed for abandonment (P. Witherill, DOE). EG&G will follow up on this action. In progress.
- 193 Investigate conducting a risk analysis of the seep water (L. Peterson-Wright, EG&G, and M. Vaag, Stoller). EG&G will perform the risk analysis of the seep water and the pond water by February 10. Completed.
- 194 Find out what the acceptance criteria are for the Rocky Flats sewage treatment plant (L. Peterson-Wright, EG&G). In progress.

Next Meeting

The next meeting will be at 10:00 a.m. on February 15, 1995, in the EG&G small west conference room.

Agency Meetings

Two agency interface meetings have been tentatively scheduled for 1:00 p.m. on February 22, 1995, and March 1, 1995, in the EPA conference center.

List of Attendees

Name	Organization	Phone
Brian Caruso	Stoller	546-4338
Mary Eisenbeis	Stoller	546-4474
John Jankousky	Stoller	546-4412
John Kendall	TerraMatrix	763-5140
Tom Lindsay	EG&G	966-6985
Peter Martin	EG&G	966-8695
Laurie Peterson-Wright	EG&G Project Manager	966-8553
Paul Pigeon	RTG/DOE/PME	966-5611
Myra Vaag	Stoller Project Manager	546-4417