

PARSONS ENGINEERING SCIENCE, INC.

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May 12, 1995
PHII 051295 01

Mr Bruce Troutman
Project Manager
EG&G Rocky Flats, Inc
Rocky Flats Plant
P O Box 464, Building 080
Golden, Colorado 80402-0464

Subject **Weekly Project Status Report**
Operable Unit 4 Phase II RFI/RI Requirements Post Closure Assessment
Task Order MTS 343780GG3 under Master Task Subcontract MTS 225453RR

Dear Mr Troutman

Provided in this transmittal is the Weekly Project Status Report for the period of May 5, 1995 through May 12, 1995 This report has been prepared in accordance with EG&G's request for a weekly summary of Phase II RFI/RI activities and action items

If you have any questions, please contact me directly at 764-8883 or via pager 687-2920

Sincerely,



Peter J Holland, P E
Project Manager, Phase II RFI/RI

cc

R Nagel, EG&G
A Ledford, EG&G
R Dearen, EG&G
P Hottle, EG&G
T Meins, EG&G
S Paris, EG&G
EG&G Records (2)
J Bender, Grd Ex

K Andrews
L Benson
J Blakemore
R Brammer
P Breen
R Cropper
G DeWeese
J Evans
R Henry
N Hilmar
G Jones
T Kuykendall
B Maass

R McConn
P Nixon
J P O'Brien
A Putinsky
M Reimann
T Richards
C Rosé
V Rothman
R Schmiermund
B Slayman
R Stegen
B Ward
R Wilkinson
Central Files 9 4 4 1



ADMIN RECORD

WEEKLY PROJECT STATUS REPORT

ACTIVITIES AND ACCOMPLISHMENTS FOR THE REPORTING PERIOD:

- 1) Parsons continued EG&G required training during the period. At period end, Parsons estimates SEP 207-C drilling (using manual techniques) and the overall OU4 Phase II RFI/RI training at 100% and 98% complete, respectively.
- 2) Parsons issued one correspondence during the period to include the Monthly Task Order Budget Status Report to B Troutman (PHII 051095 01 - 5/1/95).
- 3) Parsons documented three telecons during the period to include discussions with S Paris concerning Document Modification Request (DMR) status and SEP 207-C characterization schedule/approach (PHII 051195 01 - 5/11/95), miscellaneous OU4 Phase II RFI/RI issues with B Troutman (PHII 051095 02 - 5/10/95), and geoprobe schedule/approach with B Troutman (PHII 050595 02 - 5/5/95).
- 4) Parsons (P Holland, R Henry, P Breen, R Schmiermund, C Rose', G Jones) met with EG&G (B Troutman, S Paris) on May 9, 1995 to discuss the status of Parsons OU4 Phase II RFI/RI data interpretation efforts to date. Meeting minutes will be issued by May 16, 1995. Key decisions/actions include:
 - a) Parsons will provide EG&G a write-up detailing the various data manipulations performed in screening RFEDS data to produce the Parsons working database by COB May 16, 1995. ACTION: Parsons
 - b) EG&G will advise Parsons of the physical extent or "boundaries" to be assumed during any OU4 Phase II RFI/RI risk assessment work. ACTION: EG&G
 - c) Parsons will review the Interceptor Trench System (ITS) evaluation contained in the OU4 Phase II RFI/RI Final Work Plan and provide EG&G final recommendations concerning ITS monitoring actions May 19, 1995. ACTION: Parsons
 - d) Parsons will provide EG&G recommendations concerning future well point and power punch locations by May 15, 1995. ACTION: Parsons
 - e) Parsons will provide EG&G recommendations concerning an additional OU4 "snapshot" survey for nitrate, specific conductivity, and chloride levels, as well as determine availability of a narrow diameter conductivity probe by May 19, 1995. ACTION: Parsons.

- f) EG&G will provide a copy of the OU12 Work Plan to Parsons for review of the surface water monitoring activities for potential benefit to the OU4 Phase II RFI/RI Parsons will also consider OU6 recent surface water findings and provide EG&G recommendations concerning surface water monitoring plan currently specified for implementation under the OU4 Phase II RFI/RI ACTION: EG&G & Parsons.
- g) EG&G anticipates a draft FFSP will be available next week EG&G will provide the draft FFSP to Parsons for review ACTION: EG&G.

5) Summary statistics for the well point installation (geoprobe) activities (thru 5/11/95)

ACTIVITY	PERIOD	CUMULATIVE
Well Point Installation	26	96
Buffer Zone	16	49
Protected Area	9	44
Replaced	1	3
Water Levels Checked (multiple wp checks)	44	364
Groundwater Sample & Analyses (includes multiple rounds)	6	74
Field Parameters/Nitrate	4	51
VOA	2	23
Stand-By Time (total hours)	10	58
W/Crew (hours)	2	17
W/out Crew (hours)	8	41
Productivity Rate (productive hrs/total hrs)	75% (30 5/40 5)	71% (144 5/202 5)
Drilling Production (well points/drill day)	5 2 (26/5)	4 4 (96/22)

To date, groundwater has yielded in 9 BZ and 28 PA well points, for an overall yield rate of 40% (37/93) Coordination between parties associated with the implementation of the geoprobe activities during the reporting period was considered good

SIGNIFICANT EVENTS DURING THE PERIOD INCLUDE

- Continued wet conditions at OU4 have made many proposed well point locations inaccessible, and prompted R Dearen (EG&G) to cancel rig activities for May 9, 1995
 - Parsons performed an internal QA/QC audit of geoprobe activities on 5/11/95 No significant findings
 - S Paris directed Parsons not to input screening VOC data into RFEDS
- 6) Summary of OU4 Phase II RFI/RI Report development activities during the period include preparation for and follow-on actions associated with the May 9, 1995 status meeting with EG&G, continued assimilation of latest RFEDS data, and updating baseline conditions/interpretations Parsons has received copies of draft seismic refraction interpretations, as previously requested in the May 5, 1995 Weekly Status Report Parsons is lacking lines L, I, and J, which are reportedly available
- 7) Summary of Direct Project Support activities during the period include continued efforts to revise the schedule and cost baselines for the OU4 Phase II RFI/RI consistent with incurred delays with implementation of field activities and latest adjustments to total contract value, preparation of DMRs for geoprobe drilling and sampling activities, and evaluation of cost and schedule impacts for including lithologic sampling under the geoprobe work package

REPORT SUMMARY AND FUTURE ACTIONS:

- 1) Parsons will continue on-going efforts to support seismic refraction survey data analysis, identify requirements and update the OU4 baseline conditions based on analysis of the most recently developed site data, seek EG&G schedule input and revise current schedule and cost baselines to project conditions, and coordinate/schedule field personnel for training and badging Additionally, Parsons will respond to various "what-if" scenarios associated with potential changes to the OU4 Phase II RFI/RI program
- 2) Parsons transmitted input on the Draft Revised SOW for the Parsons OU4 Phase II RFI/RI contract (MTS 343780GG3) to R Nagel via PHII 042895 02 on April 28, 1995 Parsons awaits EG&G directions concerning this issue and the schedule for finalizing SOW changes Parsons considers resolution of all contractual issues critical to the continued progress of the field implementation activities **ACTION. EG&G**
- 3) Parsons (P Holland, R Henry, P Nixon) participated in a meeting with EG&G (S Paris) on May 3, 1995 to outline required actions necessary to implement hand auger subsurface

characterization beneath SEP 207-C, and to discuss OU4 Phase II RFI/RI issues/status
Changes in status of key decisions/actions included

- c) R Henry will provide a recommendation on appropriate protocol (i.e., total constituents or leaching scenario) to be used for analyzing samples **ACTION: Parsons.**
 - d) Parsons will review the OU4 Phase I RFI/RI Work Plan and prepare appropriate DMRs **ACTION: Parsons.**
 - e) Parsons will prepare DMRs to SOP GT 06 for the implementation of power punch piezometers and for the installation of the temporary well points **ACTION: Parsons**
 - f) EG&G will provide Parsons direction as to the number of power punch piezometers sets to order for initial implementation, and fax to P Holland a copy of the completed DMR to SOP GW 06 for water level measurements using the manometer **ACTION: EG&G.**
(closed 5/5/95)
- 4) On February 20, 1995, Parsons (P Holland) and EG&G (B Troutman) Project Managers met to discuss several issues affecting the planning and performance of OU4 Phase II RFI/RI tasks
Changes in status of key actions/decisions reached in the meeting during this period included
- e) B Troutman agreed to provide direction concerning disposition of CDPHE/EPA comments on the OU4 Phase II RFI/RI Final Work Plan by February 24, 1995 (open issue)
 - f) P Holland requested guidance on the current strategy associated with the Baseline Risk Assessment planned for the OU4 Phase II RFI/RI B Troutman agreed to provide direction by March 2, 1995 (initial meeting held on 4/4/95, related conversation held 4/17/95 & 4/18/95, open issue)
- 5) Parsons received a facsimile copy of an EG&G Request for Proposal (RFP) to modify the current OU4 Phase II RFI/RI Task Order (MTS 343780GG3) from EG&G Procurement on September 14, 1994. The RFP contained the contract modification for eliminating the October 15, 1994 Health & Safety Plan and Implementation/Support Plan milestones from the Parsons OU4 Phase II RFI/RI contract, as well as specified additional scope of work for responding to EPA/CDPHE comments on the Final Phase II RFI/RI Work Plan. Parsons was subsequently notified that the entire RFP was rescinded, leaving the deletion of the Health & Safety Plan and Implementation/Support Plan milestones in the contract. Parsons recognizes that the current EG&G effort to revise the contract SOW will address the deletion of these milestones