GWOU ADMINISTRATIVE RECORD
SECTION TITLE:
GW-400-403-1.03

E_2 # 90345

JUL 30 2001

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Mr. Dan Wall
Project Manager
Superfund Division
U.S. EPA
Region VII
901 N. 5th Street
Kansas City, Kansas 66101

Dear Mr. Wall:

RESPONSES TO COMMENTS ON THE DRAFT FINAL REMEDIAL DESIGN/REMEDIAL ACTION WORK PLAN FOR THE INTERIM REMEDIAL ACTION FOR THE GROUNDWATER OPERABLE UNIT (REV. B)

The comment period for the subject document closed on July 11, 2001. This plan is now being revised to incorporate updated information regarding changes in schedule and cost for this project and to incorporate a groundwater monitoring section as suggested by the Missouri Department of Natural Resources in correspondence dated July 10, 2001. The U.S. Environmental Protection Agency did not submit comments of this draft final work plan.

Sampling and analysis of the groundwater will be performed by the DOE to monitor the effectiveness of the in situ chemical oxidation treatment during and after the subcontract performance period. The specifics of this sampling will be provided in a sampling plan separate from the work plan. A section providing a summary of the major components of the sampling program to verify the performance of the interim remedial action will be provided in Section 3 of the work plan.

Verification of the remediation of TCE in groundwater will be based on samples collected from the 17 wells used to define the area of groundwater impact. TCE data from these 17 wells will be evaluated to determine whether the MCL of 5 g/l has been attained in the area of impact. The methodology presented in *Methods for Evaluating the Attainment of Cleanup*

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Standards – Volume 2: Groundwater has been used as a guideline in the development of the evaluation method for the data. The groundwater will be judged to attain the MCL if the TCE concentrations in all 17 wells are less than 5 g/l. The attainment objective for this remedial action is that the 90th percentile of the data collected during the 3-month post-cleanup evaluation period is below the MCL of 5 g/l for TCE.

Surrounding monitoring wells and springs may also be sampled to ensure that TCE and/or treatment products are not migrating beyond the boundaries of the TCE impacted area or off-site through preferential pathways. Ancillary parameters will be selected based on the treatment chemicals added to monitor potential impact to the aquifer due to the treatment process. The selection of these parameters will be made after the selection of a subcontractor and will be dependent on the treatment process used.

If you have any comments regarding the resolution of your comments, please provide them as soon as possible. If you have any other questions or comments, please contact Tom Pauling at (636)926-7051.

Sincerely,

Pamela Thompson
Project Manager
Weldon Spring Site
Remedial Action Project

cc: Larry Erickson, MDNR, Federal Facilities Program
Ben Moore, MDNR, Weldon Spring Project Office
Rick Hampel, Weldon Spring Citizens' Commission
Mary Picel, ANL

EM-95:TPauling:x7051:emh:7/27/01 (m:Letter of Transmittal to DOE)

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RTG SYMBOL	EM-95
INITIALS/SIG.	TPauling
DATE	7/27/2001
CONCURRENCE: RTG SYMBOL	EM-95
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