MAR 2 8 2003

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

Dear Mr. Wall:

TCE IN-SITU CHEMICAL OXIDATION FULL SCALE WORK PLAN AND DESIGN

Enclosed is the DOE subcontractor's final technical report on the full scale design for treatment of TCE-contaminated groundwater at the Weldon Spring Site. We had previously provided to EPA and MDNR the bench scale reports, design specifications and the subcontractor's work plans and sampling plans, as well as the report of the pilot scale results and the initial full scale design. The last transmittal was in July of 2002 and this revision represents the subcontractors modifications to address additional technical comments which we made.

The changes made in this revision do not effect our overall assessment of the viability of scaling up this process. Rather, these changes better reflect the uncertainties associated with a scale up. We will continue on the path of incorporating TCE contaminated groundwater in the final Proposed Plan for the Groundwater Operable Unit.

As a reminder, please note that the subcontractor has made a declaration of business confidentiality on the technical content of these reports. EPA, MDNR and the Weldon Spring Citizens Commission should protect this information within the provisions of each organization's rules and regulations. If additional justification is required for the claim of confidentiality, please direct that request to me and I will work it with our subcontractor.

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If you have any questions, contact Tom Pauling at (636)926-7051.

Sincerely,

PAMELA THOMPSON

Pamela Thompson
Project Manager
Weldon Spring Site
Remedial Action Project

Enclosure:
As stated

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Full-Scale Work Plan and Design – In Situ Chemical Oxidation of TCE in Groundwater, October 25, 2002

The document is an overview of design for the injection well placement, injection volumes, process monitoring, and design change flexibility for a full-scale effort for the treatment of TCE in groundwater that exceeds the MCL of 5 μg/l. A proposed project schedule and cost estimate are also included.

FULL-SCALE WORK PLAN AND DESIGN

In-Situ Chemical Oxidation of TCE in Groundwater

Weldon Spring Site Remedial Action Project

October 25, 2002

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This work plan and design includes data that shall not be disclosed outside the Contractor and shall not be duplicated, used, or disclosed – in whole or in part – for any purpose other than to evaluate this design and associated cost proposal. If, however, a contract is awarded to this offeror as a result of – or in connection with – the submission of this data, the Contractor shall have the right to duplicate, use, or disclose the data to the extent provided in the resulting contract. This restriction does not limit the Contractor's right to use information contained in this work plan and design if it is obtained from another source without restriction. The data subject to this restriction are contained in all sheets in this work plan and design.

WELDON SPRING SITE REMEDIATION PROJECT

In-Situ Chemical Oxidation Full-Scale Work Plan and Design

TABLE OF CONTENTS

Section *Page*
Acronyms and Abbreviations iii
1. Introduction 1
1.1 Treatment Objectives 2
1.2 Conceptual Approach 3
1.3 Basis of In-Situ Chemical Oxidation 3
1.3.1 Oxidant Selection 3
1.3.2 Permanganate Chemical Oxidation of Volatile Organic Compounds 4
1.3.3 Oxidant Demand 6
1.3.4 Metal Impurities in Sodium Permanganate 8
1.3.5 Pilot Test Results and Full-Scale Design Modifications 11
1.3.6 Basis of Designed Injection Well Placement, Injection Volumes, Process Monitoring and Design Change Flexibility 13
2. Site Conditions 17
2.1 Site Geology 17
2.2 Site Hydrology 19
2.3 Contaminant Distribution 21
3. Full-Scale Design Overview 22
4. Site Construction 24
4.1 Pre-Construction Utility Clearance 24
4.2 Site Trailer 24
4.3 Equipment Staging Area 24
4.4 Chemical Staging Area 24
4.5 Temporary Decontamination Facility 26
4.6 Temporary Road and Drilling Pad Construction 26
4.7 Treatment Area Exclusion Zones 26
4.8 Water and Power Supplies 27
4.9 Telephone Service 27
4.10 Well Drilling and Construction 27
4.10.1 Drilling Method 27
4.10.2 Well Materials 28
4.10.3 Well Completion 29
4.10.4 Surface Protection 29
4.10.5 Well Development 29
4.10.6 Underground Hazards (TNT) Discovery 30
5. Aquifer Testing 32
5.1 Aquifer Testing Objectives 32
5.2 Borehole Geophysics 32
5.3 Baseline Groundwater Sampling 32
5.4 Packer Testing 33

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6. Injection System 34
6.1 Injection System Design and Monitoring Overview 34
6.2 Mobile Treatment Units 35
6.3 Reagent Requirements 36
6.4 Reagent Supply 37
6.5 Water Supply 37
6.6 Power Supply 37
6.7 Well Head Connection 37
6.8 Implementation 37
6.8.1 System Start-Up 38
6.8.2 System Operation, Monitoring, and Maintenance 38
6.8.3 Process Monitoring 38
7. Demobilization 40
7.1 Injection System Demobilization 40
7.2 Well Abandonment 40
7.3 Water Supply Demobilization 40
7.4 Temporary Road Deconstruction and Site Grading 40
7.5 Temporary Facilities Demobilization 41
8. Field Sampling Plan 42
8.1 Baseline Groundwater Sampling 42
8.2 Process Monitoring Sampling 42
8.3 Post-Test Performance Sampling 42
9. Completion Report 45
10. Project Schedule 46
11. Estimated Cost 47
12. Associated Project Plans 50
References 51

LIST OF FIGURES

1-1. Permanganate Oxidation Pathway for Chlorinated Ethenes

1-2. Bench Scale Total Oxidant Demand Test Results

2-1. Generalized Geologic Stratigraphic Column

4-1. Full Scale Site Plan

6-1. Photographs of a Mobilox™ Unit

10-1. Full Scale Project Schedule

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