

November 24, 2003

Peter Ribbens
Remediation Engineer
Tesoro Alaska Company
PO Box 3369
Kenai, Alaska 99611

1850904.010101/14.1

RE: Corrective Action Work Plan for 2004
Former Unocal #5785 (Mike's Airport Express),
9190 Glacier Highway, Juneau, Alaska
ADEC UST Facility #816; ADEC Reckey #97110023701

Dear Mr. Ribbens:

This letter presents the proposed 2004 (calendar year) Corrective Action Work Plan for the investigation and/or remediation of contamination at the above referenced site. This proposed 2004 Corrective Action Work Plan will be presented during a teleconference scheduled for December 1, 2003.

This letter also provides a summary of the tasks that were completed under the ADEC-approved 2003 Corrective Action Work Plan in the following section. Attached are tables of historical monitoring data and site plans that will be discussed during the teleconference.

Work Plan Tasks for 2003

- Task 1 – Ground Water Monitoring
Ground water monitoring was completed through the fourth quarter 2003.
- Task 2 – Release Investigation
Two ground water monitoring wells located downgradient of the contaminant plume were installed.
- Task 3 – Evaluate Site for Soil Vapor Extraction (SVE) System Installation
A SVE system was installed in October 2003 and is running on a full time basis.
- Task 4 – Operate and Maintain Remediation System
The operation of the SVE blower system was checked during well installation (including measurement of vacuum, flow, and exhaust with a photoionization detector [PID]), and maintenance will be provided as needed for the remainder of 2003.

The following section presents the proposed tasks for the 2004 Corrective Action Work Plan. The scope of these tasks is based on the results and findings of the monitoring and remediation completed to date at this site.

Work Plan Tasks for 2004

- Task 1 – Ground Water Monitoring
Sampling locations and analyses are shown on the 2004 Work Plan Schedule below.
- Task 2 - Remediation System Operation and Maintenance
The operation of the SVE system will be checked on a quarterly basis (including measurement of vacuum, flow, and exhaust with a PID), and maintenance provided as needed. A SVE exhaust vapor sample will be collected on a quarterly basis and analyzed for compounds listed in the schedule below.
- Task 3 – Install an Air Sparge (AS) Treatment System
Existing AS wells will be connected by horizontal piping sections to an air compressor.
- Task 4 – Release Investigation
Install additional downgradient ground water monitoring wells.

2004 Work Plan Schedule

Work Plan Task		1st Quarter	2nd Quarter	3rd Quarter	4th Quarter
Task 1	G-1, G-4, G-9, and G-11	B , D, G, I			
	G-2, G-12, G-13, G-14, G-15, G-16		B , D, G, I		B , D, G, I
Task 2	Remediation System O&M	V	V	V	V
Task 3	Install Air Sparge System		✓		
Task 4	Release Investigation		✓		

Key:

AK – Alaska Test Method

B – Benzene, toluene, ethylbenzene, and total xylenes by EPA Method 8021B

D – Diesel range organics by AK102

EPA – U.S. Environmental Protection Agency

G – Gasoline range organics by AK101

I – Indicators, parameters tested include: Dissolved Oxygen, Ferrous Iron, Oxygen-Reduction Potential, pH, and, temperature

O&M – operation and maintenance

V – Soil vapor extraction system vapors by EPA Methods 8020/8015M

The Corrective Action Work Plan for the year 2004 will be completed by MWH on behalf of Tesoro. Ground water monitoring will be conducted to track migration and trends of contaminants that are present. All sampling activities will be completed in accordance with ADEC's *Underground Storage Tanks Procedures Manual – Standard Sampling Procedures* (November 7, 2002). The methods that will be used for conducting a monitoring event, unless otherwise noted in the monitoring report, will include:

- The static water levels in the monitoring wells will be measured with respect to the top of each well casing. The elevation of the static water level will be based on an arbitrary datum established during a vertical control survey completed by MWH.

- The monitoring wells will not be purged prior to sampling. A new, disposable, Teflon[®] bailer will be used to sample each well. The first bail of water removed from each well will be examined for petroleum odor, sheen, and any other unique physical features.
- Water and vapor samples will be collected in laboratory-supplied sample containers. The samples will be delivered to the North Creek Analytical laboratory located in Anchorage, Alaska, in accordance with standard chain-of-custody procedures.
- Vapors will be measured with a calibrated photoionization detector.
- Additional water samples will be collected from the monitoring wells and tested in the field for the chemical and physical parameters.

We look forward to presenting the work plan during the teleconference on behalf of Tesoro and are prepared to address any questions that may arise during our presentation.

Sincerely,

Michael A. Zidek
Environmental Scientist

MAZ/klr

Attachment: Site Plans
Historical Data Tables