1R - 264

REPORTS

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Remediation Results One Year Review Mable COM

ENVIRONMENTAL BUREAU
OIL CONSERVATION DIVISION

Remediation Summary

The site was excavated to an approximate depth of 35' bgl. and a series of two monitor wells were installed down gradient from the pit center. A product recovery windmill was erected at the pit center and the fluids were collected in a covered tank immediately adjacent to the location. All recovered fluids are disposed of within the Burro Pipeline disposal system.

Present Status

The recovery well continues to remove free product from the aquifer at the approximate rate of .25 bbls. per week – down from approximately two bbls. per week at the beginning of the recovery process. The monitoring wells presently show a benzene concentration in one monitoring well at a concentration above the WQCC acceptance standards. However we believe that the rate of decline in concentration will be such that the present monitoring wells will adequately define the lateral extent of contaminant migration within one or two more monitoring cycles.

Future Remediation Activities

We will continue to sample both monitor wells until each show four consecutive quarters of contaminant concentrations below WQCC standards. We then propose to sample the monitor wells on an annual basis and begin sampling the recovery well on a quarterly basis.

Monitor Well # 3
Mable COM
Sampling Results

Lab.#	12488	13177	14059	14658
Sample Date	9/5/97	12/3/97	3/23/97	6/25/98
Benzene	0.010	1.093	900.0	0.009
Toluene	0.008	0.024	900.0	0.011
Ethylbenzene	0.031	760.0	0.007	0.009
m,p Xylene	0.139	0,153	0.029	0.033
o Xylene	0.012	0.02	900'0	0.009
Total Xylene	0.151	0.173	0.035	0.042
Total BTEX	0.200	1.387	0.054	0.071

13177 12/3/97 □ 14059 3/23/97 □ 14658 6/25/98 ■ 12488 9/5/97 Total BTEX Total Xylene o Xylene m,p Xylene Ethylbenzene Toluene Benzene 1.200 0.400 0.200 0.000 1.000 0.600 1.400 0.800

Monitor Well #3

Monitor Well # 4
Mable COM
Sampling Results

Lab.#	12489	13178	14060	14659
Sample Date	26/2/6	12/3/97	3/23/98	6/25/98
Benzene	0.015	1.465	0.019	0.020
Toluene	0.002	0.007	0.004	900.0
Ethylbenzene	0.002	0.017	0.002	0.003
m,p Xylene	0.010	0.01	0.019	0.015
o Xylene	0.002	0.002	0.003	0.006
Total Xylene	0.012	0.012	0.022	0.02
Total BTEX	0.031	1.501	0.047	0.049

□ 14060 3/23/98 □ 14659 6/25/98 ■ 13178 12/3/97 12489 9/5/97 Total BTEX Total Xylene o Xylene m,p Xylene Ethylbenzene Toluene Benzene 1.400 1.200 1.000 0.000 0.800 0.600 0.400 0.200 1.600

Monitor Well # 4