

1R - 262

REPORTS

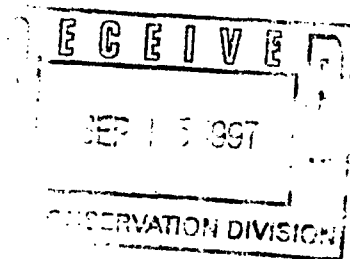
DATE:

9/11/1997



Tipperary
CORPORATION

633 Seventeenth Street
Suite 1550
Denver, Colorado 80202



September 11, 1997

Mr. William C. Olson
Hydrogeologist – Environmental Bureau
New Mexico Energy And Natural Resources Dept.
Oil Conservation Division
2040 South Pacheco
Santa Fe, New Mexico 87504

Subject: Tatum, New Mexico Area "Pit Closure Project".

Dear Mr. Olson:

Enclosed is a copy of the laboratory analyses of the first water samples taken from the new monitoring wells at our Tatum, New Mexico "Pit Closure Project". The data indicates BTEX concentrations below allowable maximums for pit closures, but higher than maximums allowed for the more stringent WQCC standards that here apply to the Ogalla Aquifer. Pits with monitor well water samples exceeding the WQCC BTEX maximums include the: Bell State "A" #1, Sohio State "A", Sohio State #1, Satellite #4, and the State NBF#1.

We have already removed the BTEX source (pit sludge) at these locations, and believe that through time, the processes of natural attenuation will remediate the minor amounts detected. Therefore, as a continuation of our pit closure project, in an effort to establish the extent of the plume we intend to set one new monitor well 150 feet down the ground-water gradient from each of the pits listed above. Tipperary believes these new monitor wells will define the lateral extent of the BTEX at these sites. We intend to sample these wells quarterly.

Please indicate your approval of the above modification to Tipperary's pit closure plan so that we may proceed with the work. Let me know if you have questions or need more information.

Sincerely,

Robert H. Fehlmann
Environmental Coordinator

WPWIN\TIP\LETTERS\NMPClose.L09

ENVIRONMENTAL LAB OF , INC.

"Don't Treat Your Soil Like Dirt!"

WHOLE EARTH ENVIRONMENTAL
ATTN: MR. MIKE GRIFFIN
18606 SAN GABRIEL
HOUSTON, TEXAS 77064
FAX: 1-281-845-8986

Receiving Date: 08/08/97
Sample Type: WATER
Project: TIPPERARY
Project Location: NONE GIVEN

Analysis Date: 08/09/97
Sampling Date: 08/06/97, 08/05/97
Sample Condition: Intact/Ice

ELTR	FIELD CODE	BENZENE mg/l	TOLUENE mg/l	ETHYLBENZENE mg/l	m,p-XYLENE mg/l	o-XYLENE mg/l
12475	IVA COM MWH1	<.001	<.001	<.001	0.002	0.007
12476	IVA COM MWH2	<.001	<.001	<.001	<.001	<.001
12477	IVA COM SW	3.128	2.551	0.209	1.182	0.094
12478	GS #12	1.834	0.055	0.061	0.085	0.084
12481	BELL #8	0.687	0.013	0.024	0.060	0.008
12482	NBN #7	<.001	<.001	<.001	<.001	<.001
12483	SOHIO 1 #10	2.558	1.144	0.243	1.257	0.081
12484	SOHIO A #11	0.096	0.004	0.002	0.008	0.012
12485	SAT 4 #9	0.092	0.010	0.015	0.082	0.002
12486	NBF #8	0.302	0.204	0.089	0.753	0.161
12487	VERA #8	0.003	0.003	0.003	0.021	0.028
12488	MABLE MW #3	0.010	0.008	0.031	0.139	0.012
12489	MABLE MW #4	0.015	0.002	0.002	0.010	0.002
% IA		111	111	112	111	113
% EA		113	112	114	112	111
BLANK		<0.001	<0.001	<0.001	<0.001	<0.001

METHODS: SW 846-8020, 5030


Michael R. Fowler

9-10-97
Date