

1R - 266

REPORTS

DATE:

11/20/1998



Tipperary
CORPORATION

633 Seventeenth Street
Suite 1550
Denver, Colorado 80202

November 20, 1998

CERTIFIED MAIL

Mr. William C. Olson
New Mexico Oil Conservation Division
2040 South Pacheco
Santa Fe, NM 87505

RECEIVED

NOV 30 1998

ENVIRONMENTAL BUREAU
OIL CONSERVATION DIVISION

**RE: Tatum Pit Closure Project
Fifth Quarterly Progress Report
Sample Date of October 1, 1998
Lea County, NM**

Dear Mr. Olson:

Please find enclosed additional results from our monitor wells in the subject project area. These results are from water samples taken on October 1, 1998. These samples represent the fifth quarter of monitoring. The total BTEX concentrations continue to decline. The Vera and Iva Com monitor wells now have at least four consecutive quarters of acceptable concentrations. We will continue to analyze water samples quarterly from the other monitor wells.

If you have any questions, please call me at (303) 293-9379.

Very truly yours,

Larry G. Sugano
Vice President - Engineering

cc: NMOCD Hobbs District Office

Enclosures



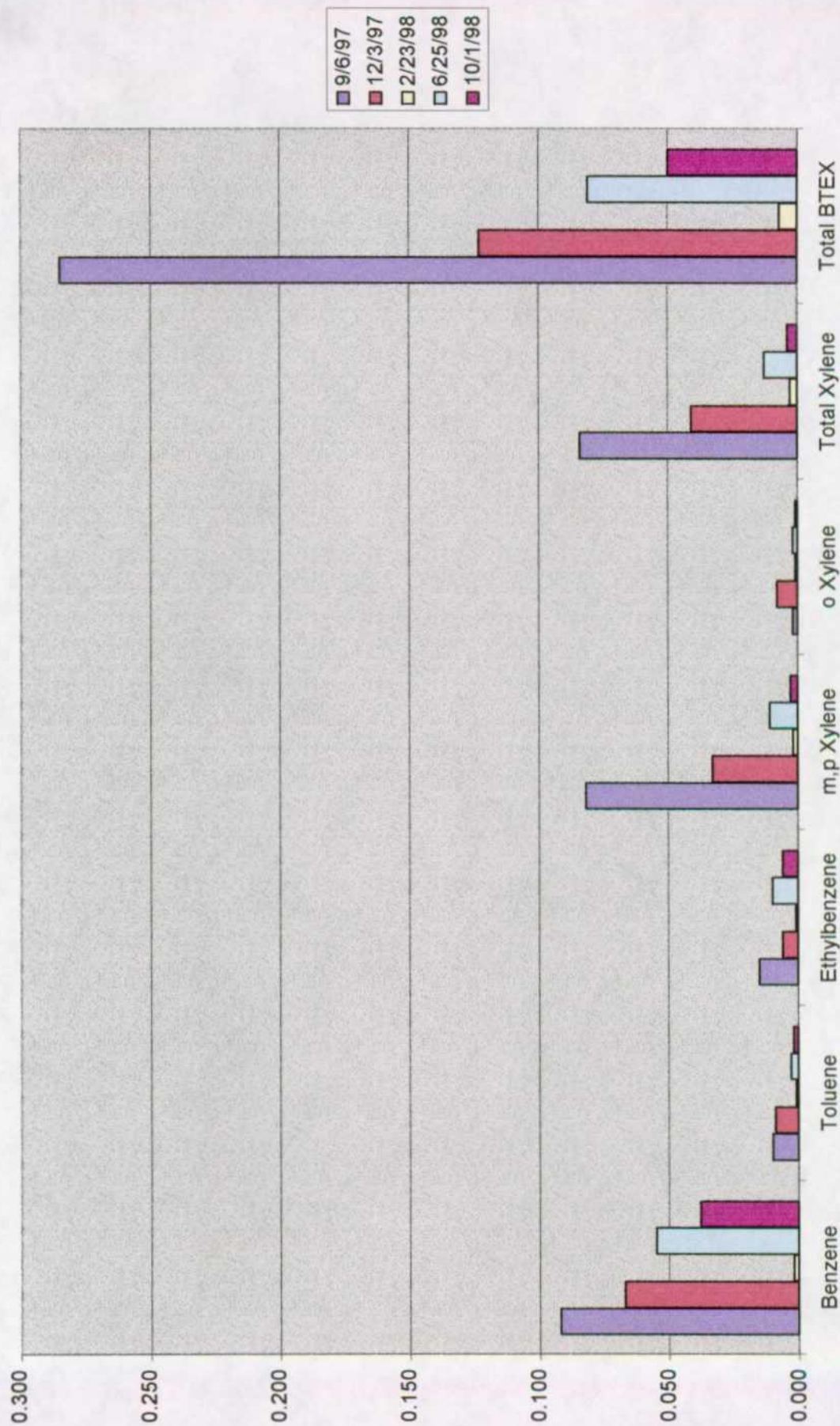
Tipperary
CORPORATION

TATUM PIT CLOSURE PROJECT
LEA COUNTY, NM
FIFTH QUARTERLY PROGRESS REPORT
SAMPLE DATE OF 10/1/98

Monitor Well # 9
Satellite # 4
Sampling Results

Lab. #	12485	13191	14065	14664	15596
Sample Date	9/6/97	12/3/97	2/23/98	6/25/98	10/1/98
Benzene	0.092	0.067	0.002	0.055	0.038
Toluene	0.010	0.009	0.001	0.003	0.002
Ethylbenzene	0.015	0.006	0.001	0.010	0.006
m,p Xylene	0.082	0.033	0.002	0.011	0.003
o Xylene	0.002	0.008	0.001	0.002	0.001
Total Xylene	0.084	0.041	0.003	0.013	0.004
Total BTEX	0.285	0.123	0.007	0.081	0.050

Monitor Well # 9



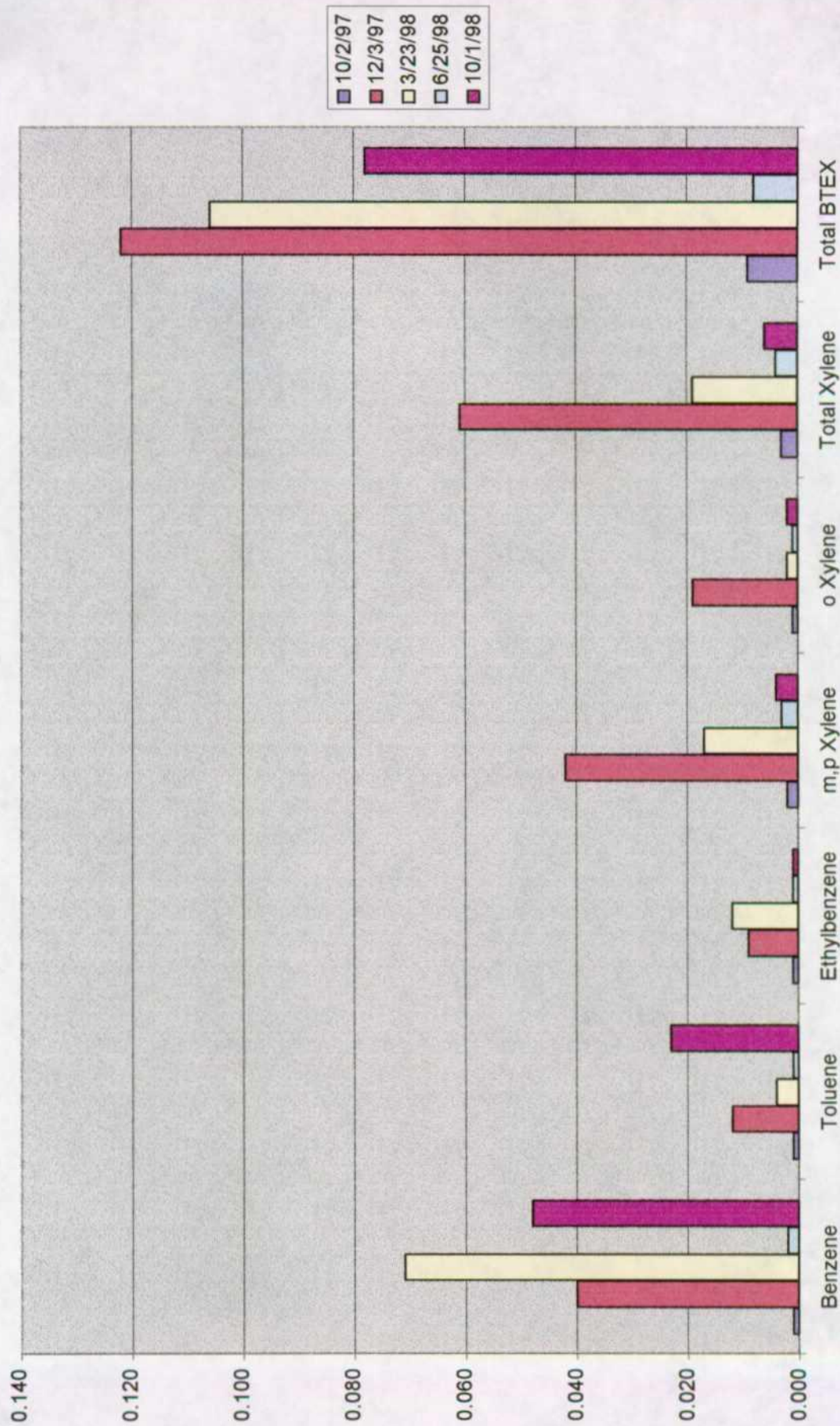
Monitor Well # 23

Satellite # 4

Sampling Results

Lab. #	12727	13192	14045	14677	15603
Sample Date	10/2/97	12/3/97	3/23/98	6/25/98	10/1/98
Benzene	0.001	0.040	0.071	0.002	0.048
Toluene	0.001	0.012	0.004	0.001	0.023
Ethylbenzene	0.001	0.009	0.012	0.001	0.001
m,p Xylene	0.002	0.042	0.017	0.003	0.004
o Xylene	0.001	0.019	0.002	0.001	0.002
Total Xylene	0.003	0.061	0.019	0.004	0.006
Total BTEX	0.009	0.122	0.106	0.008	0.078

Monitor Well # 23



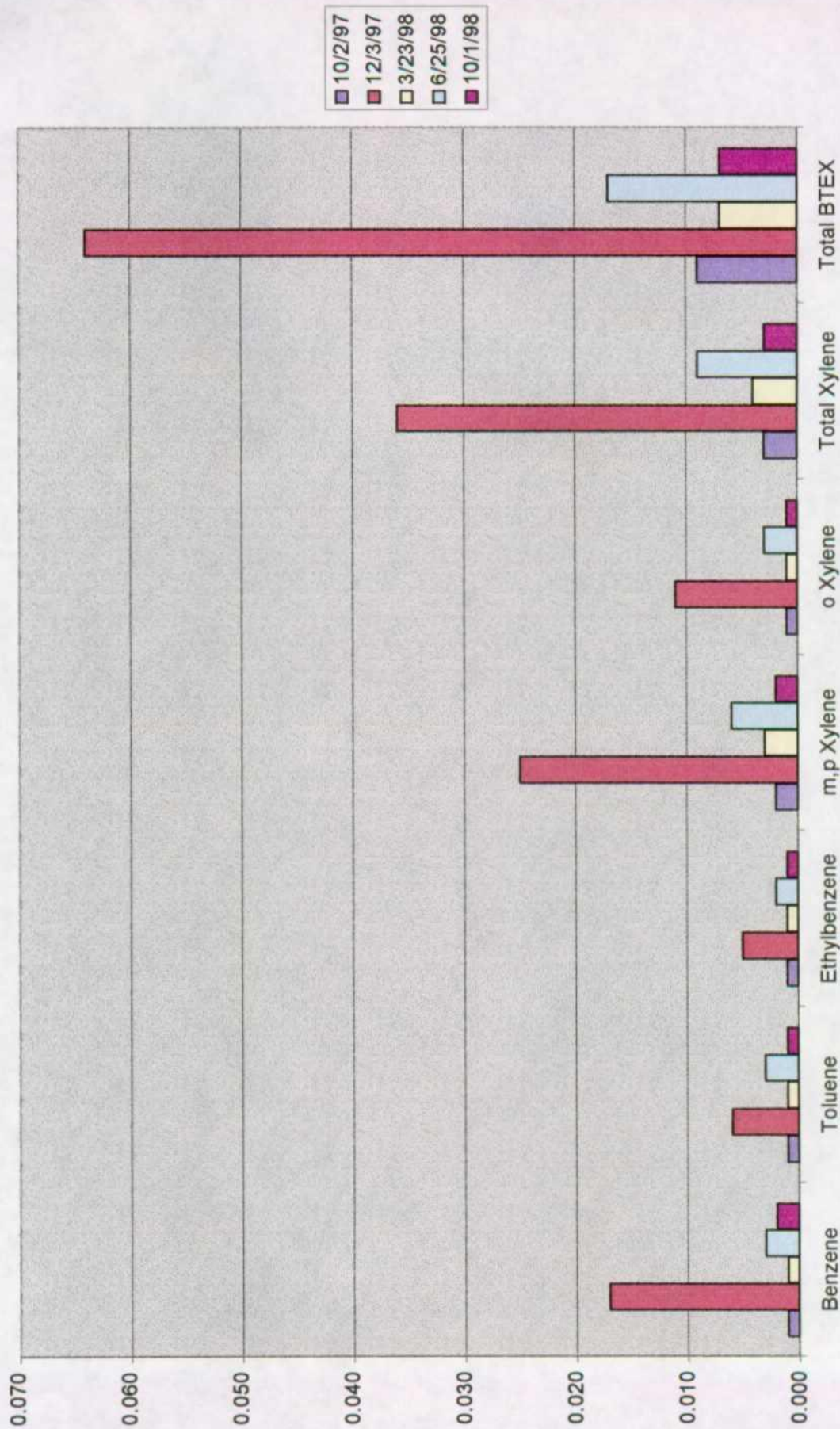
Monitor Well # 24

Satellite # 4

Sampling Results

Lab. #	12728	13193	14046	14678	15612
Sample Date	10/2/97	12/3/97	3/23/98	6/25/98	10/1/98
Benzene	0.001	0.017	0.001	0.003	0.002
Toluene	0.001	0.006	0.001	0.003	0.001
Ethylbenzene	0.001	0.005	0.001	0.002	0.001
m,p Xylene	0.002	0.025	0.003	0.006	0.002
o Xylene	0.001	0.011	0.001	0.003	0.001
Total Xylene	0.003	0.036	0.004	0.009	0.003
Total BTEX	0.009	0.064	0.007	0.017	0.007

Monitor Well # 24



ENVIRONMENTAL LAB OF , INC.

"Don't Treat Your Soil Like Dirt!"

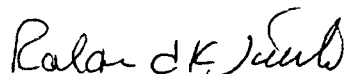
TIPPERARY
ATTN: MR. VICTOR A. VICE
P.O. BOX 857
TATUM, NM 88267
FAX: 505-398-6510
FAX: 281-646-8996

Receiving Date: 09/30/98
Sample Type: Water
Project : None Given
Project Location: Tatum, New Mexico

Analysis Date: 9/30 & 10/01/98
Sampling Date: 09/29/98
Sample Condition: Intact/Iced

ELT#	FIELD CODE	BENZENE (mg/l)	TOLUENE (mg/l)	ETHYLBENZENE (mg/l)	m,p-XYLENE (mg/l)	o-XYLENE (mg/l)
15590	Iva Com M/W #1	0.004	0.004	0.002	0.006	0.007
15591	Mable Com M/W #3	0.010	0.015	0.010	0.041	0.017
15592	Vera M/W #5	0.003	0.003	0.001	0.004	0.004
15593	Bell A M/W #6	0.130	0.002	0.003	0.004	0.002
15594	NBN M/W #7	0.006	0.007	0.001	0.006	0.003
15595	NBF M/W #8	0.005	0.004	0.001	0.004	0.004
15596	Satellite #4 M/W #9	0.036	0.002	0.006	0.003	0.001
15597	Sohio St. #1 M/W #10	2.541	0.106	0.182	0.167	0.098
15598	Sohio St. "A" M/W #11	0.070	0.010	0.003	0.014	0.011
15599	Bell A M/W #13	0.003	0.002	0.002	0.004	0.002
15600	NBF M/W #15	3.027	1.630	0.225	0.811	0.393
15601	Sohio St. #1 M/W #17	0.872	0.105	0.071	0.242	0.129
15602	Sohio St. "A" M/W #19	0.033	0.015	0.005	0.018	0.011
15603	G.S. State M/W #21	0.128	0.005	0.069	0.030	0.006
15604	Satellite #4 M/W #23	0.048	0.023	0.001	0.004	0.002
15605	Iva Com M/W #2	0.003	0.002	<0.001	0.003	0.001
15606	Mable Com M/W #4	0.007	0.002	<0.001	0.002	0.001
15607	Bell A M/W #14	0.175	0.002	0.001	0.002	0.001
15608	NBF M/W #16	1.046	0.065	0.037	0.100	0.039
15609	Sohio St. #1 M/W #18	0.542	0.072	0.025	0.093	0.054
15610	Sohio St. "A" M/W #20	0.464	0.011	0.008	0.045	0.011
15611	G.S. State M/W #22	0.049	0.011	0.026	0.040	0.018
15612	Satellite #4 M/W #24	0.002	0.001	<0.001	0.002	<0.001
% IA		100	94	91	90	95
% EA		98	97	93	91	93
BLANK		<0.001	<0.001	<0.001	<0.001	<0.001

METHODS: SW 846-8020.5030


Raland K. Tuttle

10-5-98
Date

CHAIN-OF-CUSTODY RECORD AND ANALYSIS REQUEST

Sample signature: 

BTEX 8020/5030
TPH 418.1
TCLP Metals Ag As B
Total Metals Ag As B
TCLP Volatiles
TCLP Semi Volatiles
TDS
RCI

Received by Laboratory:

Environmental Lab of Texas, Inc. 12600 West I-20 East Odessa, Texas 79763 (915) 563-1800 FAX (915) 563-1713

CHAIN-OF-CUSTODY RECORD AND ANALYSIS REQUEST

Project Manager: **Vic Vice**
 Phone #: 505-398-6507
 FAX #: 505-398-6510

Company Name & Address: **TIPPERARY OIL & GAS**
 " 1-800-854-4358
 White Earth "MIKE"

Project #: _____
 Project Name: _____

Project Location: **TATUM, New Mexico**
 Sampler Signature: _____

LAB # (LAB USE ONLY)	FIELD CODE	# CONTAINERS	Volume/Amount	MATRIX						PRESERVATIVE METHOD				SAMPLING	
				WATER	SOIL	AIR	SLUDGE	OTHER	HCL	HNO3	ICE	NONE	OTHER	DATE	TIME
15601	Sohio ST#1 M/W #17 #18	1	1											9-28-98	
15602	Sohio ST"A" M/W #19 #20	1	1												
15603	GS. ST#C. M/W #21 - #22	1	1												
15604	SATellite #4 - M/W #23 #24	1	1												
15605	Iva COM M/W #2	1	1												
15606	MARLE COM M/W #4	1	1												
15607	Bell A M/W #14	1	1												
15608	NBF M/W #16	1	1												
15609	Sohio ST#1 M/W #18	1	1												
15610	Sohio ST"A" M/W #20	1	1												
15611	GS State M/W #22	1	1												
15612	GS State #4 M/W #24	1	1												

Relinquished by: **[Signature]** Date: **09-30-98** Times: **0855**

Received by: **[Signature]**

Relinquished by: _____ Date: _____ Times: _____

Received by: _____

Relinquished by: _____ Date: _____ Times: _____

Received by: _____

ANALYSIS REQUEST

BTEX 8020/5030	
TPH 418.1	
TCLP Metals Ag As Ba Cd Cr Pb Hg Se	
Total Metals Ag As Ba Cd Cr Pb Hg Se	
TCLP Volatiles	
TCLP Semi Volatiles	
TDS	
RCI	

REMARKS