1R - 0260

REPORTS

DATE:

2005

Whole Earth Environmental, Inc.
2103 Arbor Cove
Katy, Tx. 77494
281.394.2050
whearth@msn.com

November 7, 2005

Santos USA Corporation
10111 Richmond
Suite 500
Houston, TX 77042

Attn: Tony Jones

Dear Tony:
Enclosed, please find an overview of the status of the remaining environmental defects within the Tipperary Bagley Field along with a brief summary of the remediation activities undertaken by Tipperary over the past ten years.

Thank you again for the opportunity of working with you on this especially challenging project.

Warmest personal regards,

Mike Griffin
President
Whole Earth Environmental, Inc.

Executive Summary

Location
The Bagley Field is located approximately twenty miles west of Tatum, Lea County, New Mexico on State lands. The surrounding terrain is essentially featureless with no surface streams or significant topographical variation present. The area is described as semi-arid with a net pan evaporation / precipitation value of –78" per year.

Land Use
The land surface is primarily used for the grazing of cattle; however extensive oil and gas operations have been present since the 1960's.

Site History
Tipperary Corporation's activities within the area consisted of a commercial brine collection and disposal system (Burro Pipeline) and a series of at least thirty-six oil wells. The production wells were sold to Phoenix Hydrocarbons in 2002 with Tipperary retaining the environmental liability relating to ten production pits. Two of the pits have been closed in accordance with NMOCD rules and eight sites remain under active remediation. In October 2005, Santos USA Corporation purchased the former Tipperary Burro Saltwater Disposal System along with certain environmental liabilities associated with the ten former production pits, the Lane Salt Lake Facility and a previously closed production station: Satellite 4.

Remediation Activities
Of the eight remaining pit sites, four are under active remediation. Three sites are equipped with windmills and one is equipped with an electric submersible pump. In each case, the contaminated groundwater is pumped from the aquifer directly into the Burro Disposal System. All sites under active remediation have seen dramatic declines in criteria contaminants and each have predictable times to final closure.

Of the four remaining sites, Burro Pipeline proposes to conduct further investigations to include the installation of several temporary monitor wells to better define plume sources, geometry, and the most efficient active remediation plan. Details of the proposed investigations are included with the individual well sections of this report.

Burro anticipates completing the budgeting process for these investigations by January 31st, 2006 and will submit a detailed investigation plan to the NMOCD by February 15th, 2006.

Burro Pipeline
Bagley Field Pit Remediation Project
Monitor Well Testing Summary

Well Name	Benzene	Chlorides
Iva		
Source Well	**0.533**	**1330**
MW-1	0.000	92
MW-2	0.000	52

Mable		
Source Well	?	?
MW-1	**1.080**	45.1
MW-2	0.000	135
MW-3	0.000	187

Bell State		
MW-1	**0.025**	**312**
MW-2	**0.012**	**485**
MW-3	**0.056**	169
MW-4	0.000	797
MW-5	0.000	214
MW-6	**0.664**	191

NBF		
MW-1	0.007	94
MW-2	**0.074**	76
MW-3	**0.485**	99
MW-4	**0.014**	49
MW-5	0.006	55
MW-6	**0.010**	50

Sohio 1		
MW-1	**1.250**	**2310**
MW-2	**0.704**	**1520**
MW-3	**3.230**	**2970**
MW-4	0.001	39.1
MW-5	0.001	**928**
MW-6	0.001	185
MW-7	0.001	45
MW-8	0.001	**912**

Well Name	Benzene	Chlorides
Sohio A		
MW-1	0.000	**287**
MW-2	0.004	**3420**
MW-3	**0.056**	**5620**
MW-4	0.000	**316**
MW-5	**0.013**	**6739**
MW-6	0.000	**2550**
MW-7	**0.163**	**8680**
MW-8	0.000	**1920**
MW-9	0.000	**4390**
MW-10	0.000	**9640**

G.S. State		
Source Well	**0.413**	**1750**
MW-1	**1.580**	204
MW-2	0.003	35
MW-3	0.000	206
MW-4	0.000	191
MW-5	0.001	**368**

Collier		
Source Well	?	?
MW-1	**0.020**	**2680**
MW-2	0.000	**1800**
MW-3	0.001	**8430**
MW-4	0.000	**845**
MW-5	0.000	36
MW-6	0.000	30

WOLF EARTH ENVIRONMENTAL, INC.

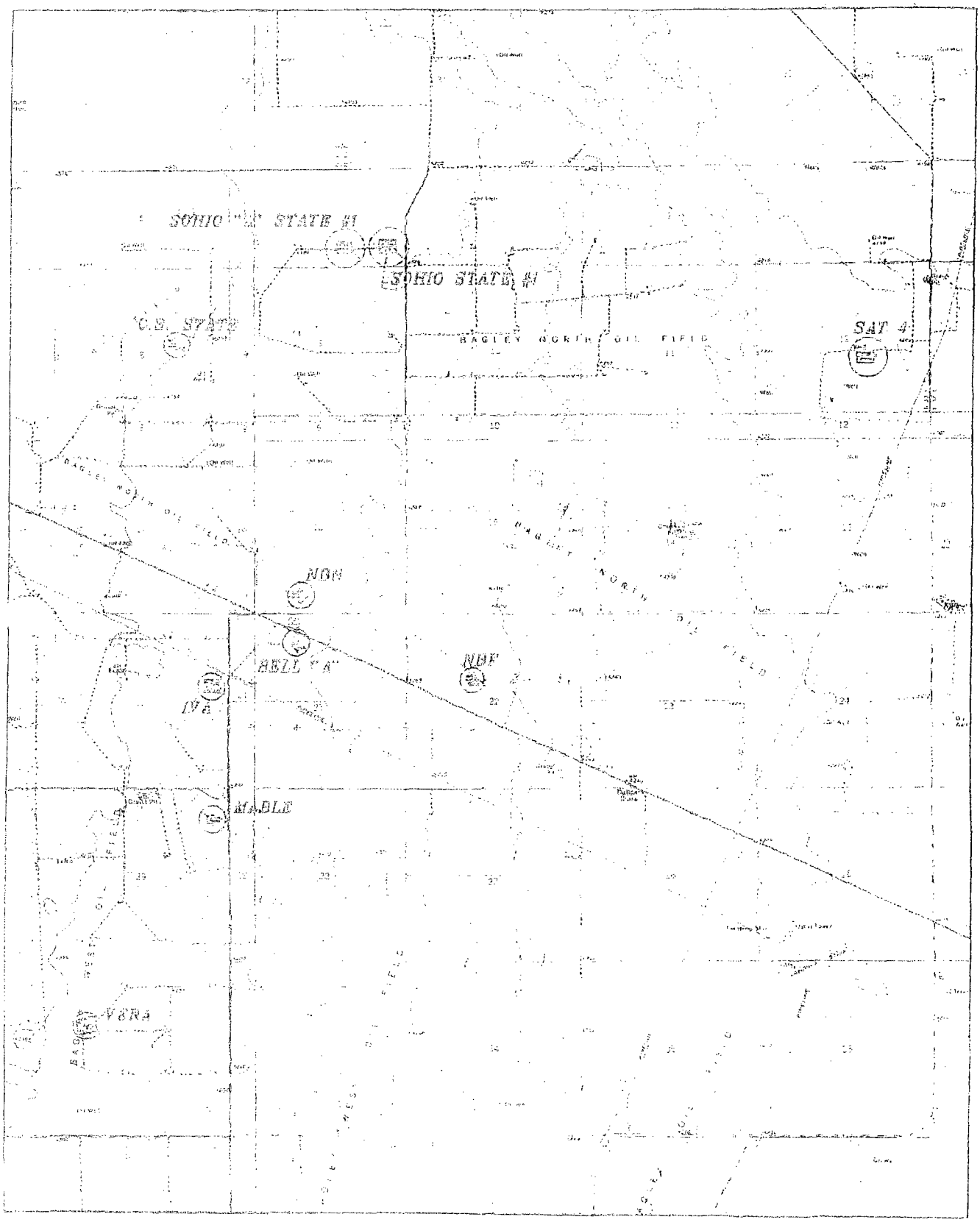
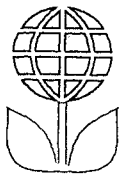


EXHIBIT 9

BASIN SURVEYS P.O. BOX 1786 – HOBBS, NEW MEXICO	W.O. Number: 9352	Drawn By: K. GOAD
	Date: 10-21-99	Disk: KJG #122 – WE9352.DWG



Bell

The site presently consists of six monitor wells with no active recovery in progress. The monitor well nearest the pit shows benzene concentrations trending downward by 97% over eight years with chloride concentrations only marginally above standards. Similarly, monitor well no. 2 has shown a decline in benzene concentrations of 99% over the same period but with chloride concentrations almost twice standards. Monitor well no. 3 has had a decline of nearly 95 % over the span and acceptable chlorides. Monitor well no. 4 has always shown acceptable benzene concentrations but chlorides over three times standards. Monitor well no. 5 has acceptable BTEX and chloride results.

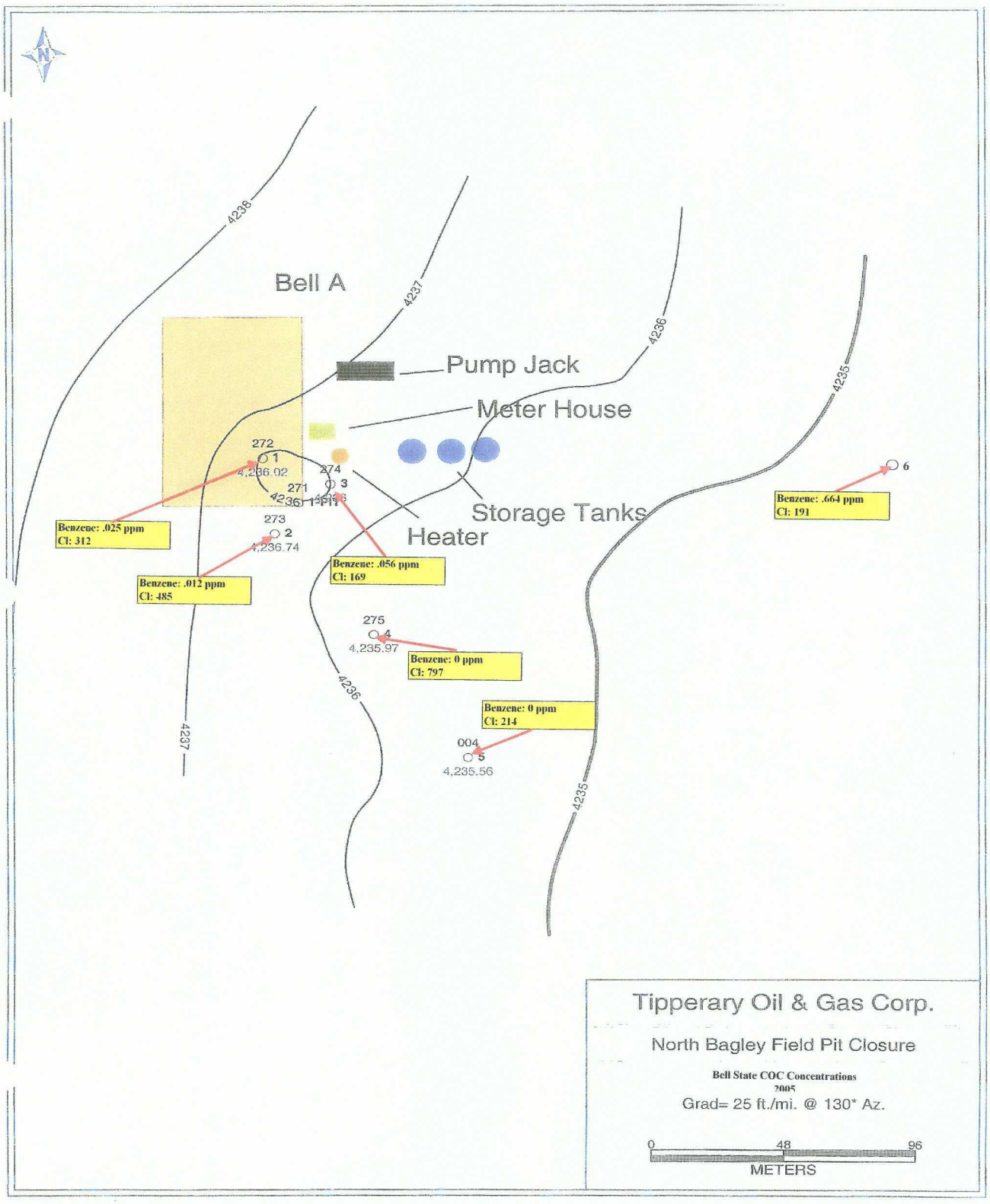
The main difficulty with this site is the presence of extremely high benzene concentrations within monitor well no. 6 with no corresponding chloride spike. This well is situated approximately 300' east of the pit and is probably picking up BTEX involvement not from the pit but from leaking tanks or process equipment. (See histographs).

We are recommending that the site be more fully investigated through a series of one-time test wells to better define the plume geometry. If the benzene concentrations within monitor well no. 6 be determined to be the result of tank seeps or spills, Burro should not be held responsible for the cleanup. We are further recommending that an active recovery system be installed. The location and type of recovery will be determined after a better understanding of the plume geometry.

We are finally requesting that we not be required to test monitor well no. 5 until the time of final closure.


10.20.2005 09:45


10.20.2005 09:47


Bell A
Pump Jack
Meter House
Storage Tanks
Heater
4238
4237
4236
4235
272
1
4,236.02
271
273
2
4,236.74
274
3
275
4
4,235.97
004
5
4,235.56
6
Benzene: .025 ppm
Cl: 312
Benzene: .012 ppm
Cl: 485
Benzene: .056 ppm
Cl: 169
Benzene: 0 ppm
Cl: 797
Benzene: 0 ppm
Cl: 214
Benzene: .664 ppm
Cl: 191
Tipperary Oil & Gas Corp.
North Bagley Field Pit Closure
Bell State COC Concentrations
2005
Grad= 25 ft./mi. @ 130° Az.
0
48
96
METERS

Bell

Monitor Well Bailing Log

Bell MW #1

Lat:	N33^0 21.3688495
Long.	W103^0 37.31095483
Surf. Elev.	4,281 Ft.

As Drilled		As Measured					
Date:	8/28/1997	Date:	1/23/04	10/20/05			
Top of Water	51 Ft.	Top of Water	45.00	45.20			Ft.
Bottom of Bore	60 Ft.	Bottom of Bore	55.80	55.70			Ft.
		Bore Volumn	1.74	1.69			Gal.
		LPNL Top	NA	NA			Ft.
		LPNL Bottom	NA	NA			Ft.
		DPNL Top	NA	NA			Ft.
		DPNL Bottom	NA	NA			Ft.
		Min. Bailing Vol.	5.23	5.08			Gal.
		Actual Bailing Vol.	12	12			Gal.

Comments

Bell

Monitor Well Bailing Log

Bell MW #2

Lat:	N33^0 21.35108603
Long.	W103^0 37.3084305
Surf. Elev.	4,281 Ft.

As Drilled		As Measured				
Date:	10/2/1997	Date:	1/23/04	10/27/05		
Top of Water	47.75 Ft.	Top of Water	44.40	44.30		Ft.
Bottom of Bore	60 Ft.	Bottom of Bore	55.90	55.90		Ft.
		Bore Volumn	1.85	1.87		Gal.
		LPNL Top	NA	NA		Ft.
		LPNL Bottom	NA	NA		Ft.
		DPNL Top	NA	NA		Ft.
		DPNL Bottom	NA	NA		Ft.
		Min. Bailing Vol.	5.56	5.61		Gal.
		Actual Bailing Vol.	12	12		Gal.

Comments

Bell

Monitor Well Bailing Log

Bell MW #3

Lat:	N33^0 21.3628858
Long.	W103^0 37.29505033
Surf. Elev.	4,281 Ft.

As Drilled		As Measured				
Date:	10/2/1997	Date:	1/23/04	10/20/05		
Top of Water	48.32 Ft.	Top of Water	44.80	44.30		Ft.
Bottom of Bore	60 Ft.	Bottom of Bore	55.40	55.20		Ft.
		Bore Volumn	1.71	1.76		Gal.
		LPNL Top	NA	NA		Ft.
		LPNL Bottom	NA	NA		Ft.
		DPNL Top	NA	NA		Ft.
		DPNL Bottom	NA	NA		Ft.
		Min. Bailing Vol.	5.13	5.27		Gal.
		Actual Bailing Vol.	12	12		Gal.

Comments

Bell

Monitor Well Bailing Log

Bell MW #4

Lat:	N33^0 21.3285547
Long.	W103^0 37.28553883
Surf. Elev.	4,281 Ft.

As Drilled		As Measured				
Date:	3/15/1999	Date:	1/23/04	10/20/05		
Top of Water	47.44 Ft.	Top of Water	44.50	45.20		Ft.
Bottom of Bore	60 Ft.	Bottom of Bore	58.30	58.30		Ft.
		Bore Volumn	2.23	2.11		Gal.
		LPNL Top	NA	NA		Ft.
		LPNL Bottom	NA	NA		Ft.
		DPNL Top	NA	NA		Ft.
		DPNL Bottom	NA	NA		Ft.
		Min. Bailing Vol.	6.68	6.34		Gal.
		Actual Bailing Vol.	15	15		Gal.

Comments

Bell

Monitor Well Bailing Log

Bell MW #5

Lat:	N33^0 21.3006243
Long.	W103^0 37.26371767
Surf. Elev.	4,281 Ft.

As Drilled			As Measured					
Date:	6/3/2002		Date:	1/23/04	10/20/05			
Top of Water	41	Ft.	Top of Water	44.30	44.10			Ft.
Bottom of Bore	62	Ft.	Bottom of Bore	57.10	56.80			Ft.
			Bore Volumn	2.06	2.05			Gal.
			LPNL Top	NA	NA			Ft.
			LPNL Bottom	NA	NA			Ft.
			DPNL Top	NA	NA			Ft.
			DPNL Bottom	NA	NA			Ft.
			Min. Bailing Vol.	6.19	6.15			Gal.
			Actual Bailing Vol.	15	15			Gal.

Comments

Bell

Monitor Well Bailing Log

Bell MW #6

Lat:	N33^0 21.3650
Long.	W103^0 37.24385
Surf. Elev.	4,281 Ft.

As Drilled		As Measured					
Date:	6/16/2003	Date:	1/23/04	10/20/05			
Top of Water	44 Ft.	Top of Water	44.90	44.10			Ft.
Bottom of Bore	55 Ft.	Bottom of Bore	51.10	51.00			Ft.
		Bore Volumn	1.00	1.11			Gal.
		LPNL Top	NA	NA			Ft.
		LPNL Bottom	NA	NA			Ft.
		DPNL Top	NA	NA			Ft.
		DPNL Bottom	NA	NA			Ft.
		Min. Bailing Vol.	3.00	3.34			Gal.
		Actual Bailing Vol.	10	10			Gal.

Comments

Monitor Well # 1
Bell State "A"
Sampling Results

Lab. #	Sample Date	Benzene	Toluene	Ethylbenzene	m,p Xylene	o Xylene	Total Xylene	Total BTEX
12481	09/05/97	0.687	0.013	0.024	0.060	0.006	0.066	0.790
13179	12/03/97	0.029	0.004	0.002	0.030	0.003	0.033	0.068
14062	03/23/98	0.236	0.002	0.019	0.016	0.008	0.024	0.281
14661	06/25/98	0.203	0.008	0.015	0.017	0.006	0.023	0.249
15593	10/01/98	0.130	0.002	0.003	0.004	0.002	0.006	0.141
16600	01/06/99	0.127	0.001	0.003	0.005	0.001	0.006	0.137
17431	04/05/99	0.139	0.013	0.006	0.011	0.006	0.017	0.175
18593	07/14/99	0.177	0.010	0.020	0.015	0.010	0.025	0.232
20599	10/06/99	0.149	0.001	0.015	0.008	0.002	0.010	0.175
22765	01/08/00	0.170	0.007	0.028	0.022	0.008	0.030	0.235
25167	04/13/00	0.208	0.007	0.020	0.022	0.005	0.027	0.262
28440	07/20/00	0.048	0.002	0.015	0.006	0.002	0.008	0.073
31507	09/26/00	0.016	0.001	0.010	0.006	0.002	0.008	0.035
36136	01/05/01	0.014	0.001	0.005	0.007	0.003	0.010	0.030
38923	04/05/01	0.024	0.001	0.002	0.001	0.001	0.002	0.029
0101098-07	07/05/01	0.056	0.001	0.002	0.005	0.001	0.006	0.065
0101642-07	09/26/01	0.038	0.001	0.001	0.001	0.001	0.002	0.042
0202619-07	02/15/02	0.022	0.001	0.005	0.008	0.002	0.010	0.038
0203001-07	03/30/02	0.022	0.004	0.006	0.006	0.002	0.008	0.040
0203602-05	06/15/02	0.004	0.007	0.019	0.032	0.014	0.046	0.076
0203602-05	10/19/02	0.008	0.002	0.001	0.002	0.001	0.003	0.014
0205349-07	01/04/03	0.012	0.001	0.004	0.005	0.002	0.007	0.024
0306249-08	04/17/03	0.016	0.003	0.004	0.007	0.002	0.009	0.032
0306733-24	06/20/03	0.033	0.001	0.003	0.005	0.002	0.007	0.044
0307790-01	10/30/03	0.024	0.002	0.003	0.005	0.001	0.006	0.035
4A26007-01	01/23/04	0.026	0.001	0.004	0.003	0.001	0.004	0.035
4J04003-01	10/01/04	0.009	0.007	0.004	0.001	0.001	0.002	0.022
5J24003-01	10/21/05	0.025	0.001	0.006	0.007	0.003	0.010	0.042

Monitor Well # 2
Bell State "A"
Sampling Results

Lab. #	Sample Date	Benzene	Toluene	Ethylbenzene	m,p Xylene	o Xylene	Total Xylene	Total BTEX
12731	09/05/97	1.309	0.003	0.02	0.013	0.001	0.014	1.346
13180	12/03/97	0.002	0.001	0.001	0.005	0.001	0.006	0.010
13180	03/23/98	0.011	0.007	0.004	0.011	0.004	0.015	0.037
14667	06/25/98	0.016	0.014	0.005	0.015	0.006	0.021	0.056
15599	10/01/98	0.003	0.002	0.002	0.004	0.006	0.002	0.017
16606	01/06/99	0.001	0.001	0.001	0.003	0.001	0.002	0.007
17432	04/05/99	0.021	0.018	0.003	0.009	0.006	0.015	0.057
18599	07/14/99	0.011	0.011	0.005	0.012	0.006	0.018	0.045
20609	10/06/99	0.003	0.001	0.001	0.001	0.001	0.002	0.007
22779	01/08/00	0.056	0.005	0.004	0.008	0.004	0.012	0.077
25168	04/13/00	0.004	0.002	0.002	0.006	0.002	0.008	0.016
28443	07/20/00	0.002	0.002	0.001	0.004	0.002	0.006	0.011
31487	09/26/00	0.003	0.004	0.004	0.011	0.004	0.015	0.026
36140	01/05/01	0.001	0.002	0.004	0.009	0.004	0.013	0.020
38924	04/05/01	0.001	0.001	0.001	0.001	0.001	0.002	0.005
0101098-08	07/07/01	0.001	0.001	0.002	0.005	0.002	0.007	0.011
0101642-08	09/26/01	0.002	0.002	0.003	0.009	0.003	0.012	0.019
0202619-08	0215/02	0.001	0.001	0.002	0.006	0.002	0.008	0.012
0203001-08	03/30/02	0.001	0.002	0.001	0.006	0.002	0.008	0.012
0203602-06	06/15/02	0.001	0.001	0.001	0.001	0.001	0.002	0.005
0204815-09	10/19/02	0.001	0.001	0.001	0.003	0.001	0.004	0.007
0205349-08	01/04/03	0.002	0.001	0.001	0.005	0.002	0.007	0.011
0306249-09	04/17/03	0.001	0.001	0.001	0.002	0.002	0.004	0.007
0306733-25	06/20/03	0.001	0.001	0.005	0.005	0.002	0.007	0.014
0307790-02	10/30/03	0.001	0.003	0.002	0.003	0.001	0.004	0.010
4A26007-02	01/23/04	0.225	0.002	0.001	0.005	0.001	0.006	0.234
4J04003-02	10/01/04	0.001	0.001	0.001	0.001	0.001	0.002	0.005
5J24003-02	10/21/05	0.012	0.001	0.001	0.001	0.001	0.002	0.016

Monitor Well # 3
Bell State "A"
Sampling Results

Lab. #	Sample Date	Benzene	Toluene	Ethylbenzene	m,p Xylene	o Xylene	Total Xylene	Total BTEX
12732	09/05/97	0.001	0.001	0.001	0.001	0.001	0.002	0.005
13181	12/03/97	1.147	0.007	0.017	0.010	0.002	0.012	1.183
14048	03/23/98	0.904	0.002	0.004	0.006	0.002	0.008	0.918
14668	06/25/98	0.735	0.009	0.005	0.011	0.004	0.015	0.764
15607	10/01/98	0.175	0.002	0.001	0.002	0.004	0.001	0.184
16607	01/06/99	0.154	0.001	0.002	0.003	0.001	0.001	0.161
17433	04/01/99	0.108	0.015	0.004	0.009	0.005	0.014	0.141
18600	07/14/99	0.132	0.005	0.002	0.005	0.002	0.007	0.146
20610	10/06/99	0.109	0.005	0.004	0.024	0.013	0.037	0.155
22770	01/08/00	0.003	0.002	0.002	0.006	0.002	0.008	0.015
25169	04/13/00	0.195	0.004	0.004	0.009	0.003	0.012	0.215
28444	07/20/00	0.038	0.002	0.003	0.005	0.002	0.007	0.050
31488	09/26/00	0.024	0.001	0.006	0.011	0.004	0.015	0.046
36141	01/05/00	0.024	0.001	0.004	0.007	0.003	0.010	0.039
38925	04/05/01	0.047	0.001	0.006	0.001	0.001	0.002	0.056
01010098-09	07/07/01	0.034	0.001	0.005	0.007	0.002	0.009	0.049
0101642-09	09/26/01	0.054	0.001	0.005	0.011	0.004	0.015	0.075
0202619-09	02/15/02	0.378	0.003	0.005	0.023	0.004	0.027	0.413
0203001-09	03/30/02	0.046	0.009	0.001	0.006	0.001	0.007	0.063
0203602-08	06/15/02	0.150	0.010	0.005	0.011	0.003	0.014	0.179
0204815-10	10/19/02	0.031	0.001	0.001	0.002	0.001	0.003	0.036
0205349-09	01/04/03	0.136	0.002	0.003	0.008	0.003	0.011	0.152
0306249-10	04/17/03	0.088	0.001	0.005	0.008	0.003	0.011	0.105
0306733-26	06/20/03	0.138	0.001	0.005	0.005	0.002	0.007	0.151
0307790-03	10/30/03	0.020	0.001	0.001	0.002	0.001	0.003	0.025
4A26007-03	01/23/04	0.002	0.001	0.001	0.001	0.001	0.002	0.006
4J04003-03	10/01/04	0.071	0.004	0.001	0.005	0.001	0.006	0.082
5J24003-03	10/21/05	0.059	0.001	0.002	0.008	0.003	0.011	0.073

Monitor Well # 4
Bell State "A"
Sampling Results

Lab. #	Sample Date	Benzene	Toluene	Ethylbenzene	m,p Xylene	o Xylene	Total Xylene	Total BTEX
17265	04/01/99	0.006	0.004	0.004	0.005	0.004	0.009	0.023
18601	07/14/99	0.012	0.010	0.002	0.006	0.004	0.010	0.034
20611	10/06/99	0.001	0.001	0.001	0.001	0.001	0.002	0.005
22784	01/08/00	0.002	0.001	0.001	0.004	0.002	0.006	0.010
25170	04/13/00	0.002	0.002	0.002	0.005	0.002	0.007	0.013
28454	07/20/00	0.001	0.001	0.002	0.005	0.002	0.007	0.011
31489	09/26/00	0.001	0.001	0.003	0.010	0.004	0.014	0.019
36152	01/05/01	0.001	0.001	0.001	0.001	0.001	0.002	0.005
38926	04/05/01	0.001	0.001	0.001	0.001	0.001	0.002	0.005
0101098-10	07/07/01	0.001	0.001	0.003	0.006	0.002	0.008	0.013
0101642-10	09/26/01	0.001	0.001	0.005	0.016	0.006	0.022	0.029
0202619-10	02/15/02	0.001	0.001	0.002	0.008	0.003	0.011	0.015
0203001-10	03/30/02	0.001	0.002	0.001	0.008	0.003	0.011	0.015
0203602-08	06/15/02	0.001	0.001	0.002	0.002	0.001	0.003	0.007
0204815-11	10/19/02	0.001	0.003	0.004	0.008	0.001	0.009	0.017
0205349-10	01/04/03	0.001	0.001	0.002	0.005	0.002	0.007	0.011
0306249-11	04/17/03	0.001	0.001	0.002	0.001	0.002	0.003	0.007
0306733-27	06/20/03	0.001	0.001	0.002	0.005	0.003	0.008	0.012
0307790-04	10/30/03	0.006	0.001	0.001	0.001	0.001	0.002	0.010
4A26007-04	01/23/04	0.002	0.001	0.001	0.001	0.001	0.002	0.006
4J04003-04	10/01/04	0.003	0.001	0.001	0.001	0.001	0.002	0.007
5J24003-04	10/21/05	0.001	0.001	0.002	0.007	0.005	0.012	0.016

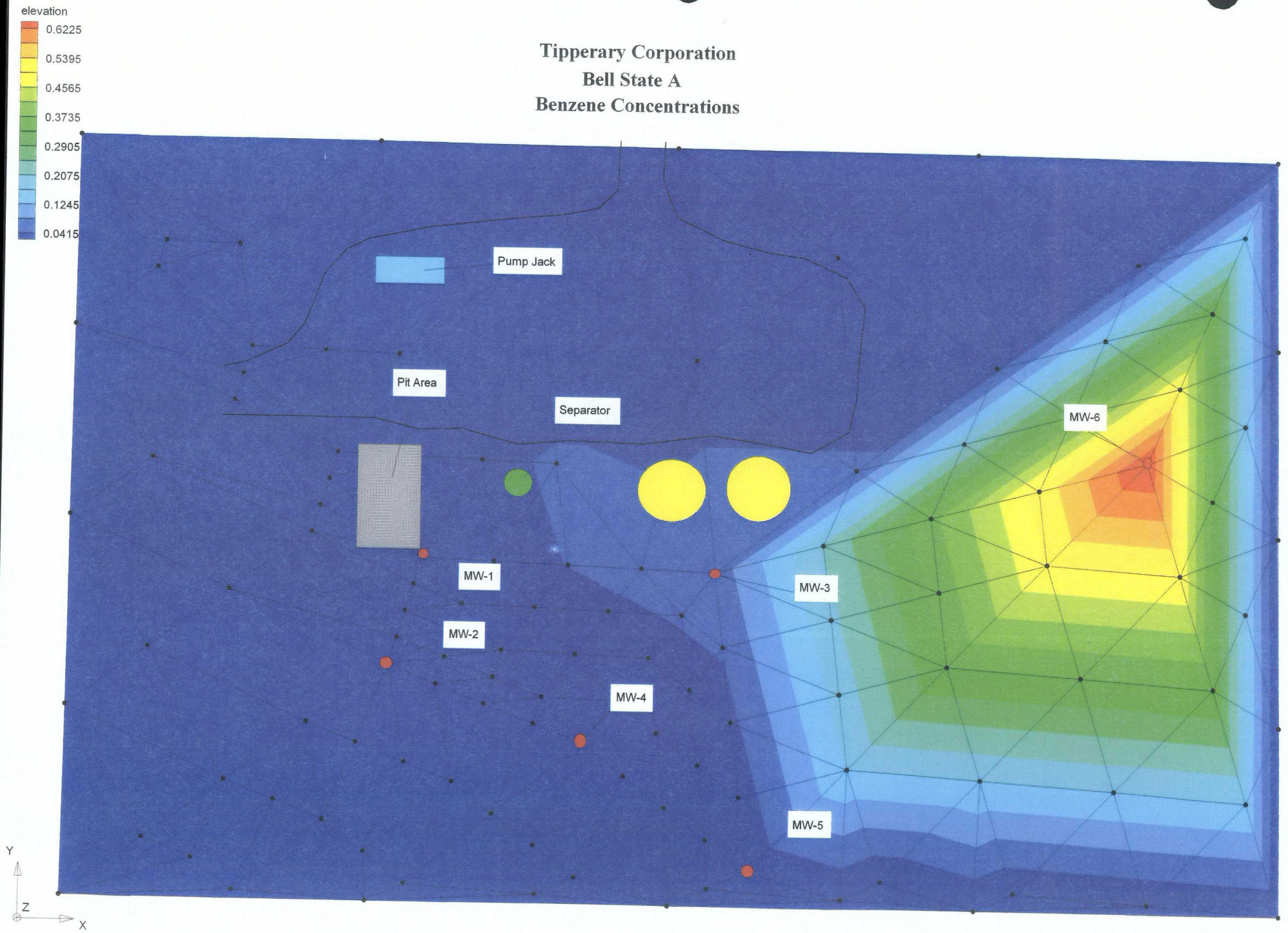
Bell State
MW-5

Lab. #	Sample Date	Benzene	Toluene	Ethylbenzene	m,p Xylene	o Xylene	Total Xylene	Total BTEX
0203602-09	06/15/02	0.001	0.001	0.002	0.002	0.001	0.003	0.007
0204815-12	10/19/02	0.028	0.024	0.03	0.117	0.053	0.170	0.252
0205349-11	01/04/03	0.001	0.001	0.002	0.006	0.003	0.009	0.013
0306246-11	04/17/03	0.001	0.001	0.001	0.001	0.001	0.002	0.005
0306733-28	06/20/03	0.001	0.001	0.002	0.006	0.003	0.009	0.013
0307790-05	10/30/03	0.004	0.001	0.001	0.003	0.002	0.005	0.011
4A26007-05	01/23/04	0.030	0.001	0.001	0.002	0.001	0.003	0.035
4J04003-05	10/01/04	0.001	0.001	0.001	0.001	0.001	0.002	0.005
5J24003-05	10/21/05	0.001	0.001	0.002	0.006	0.004	0.01	0.014

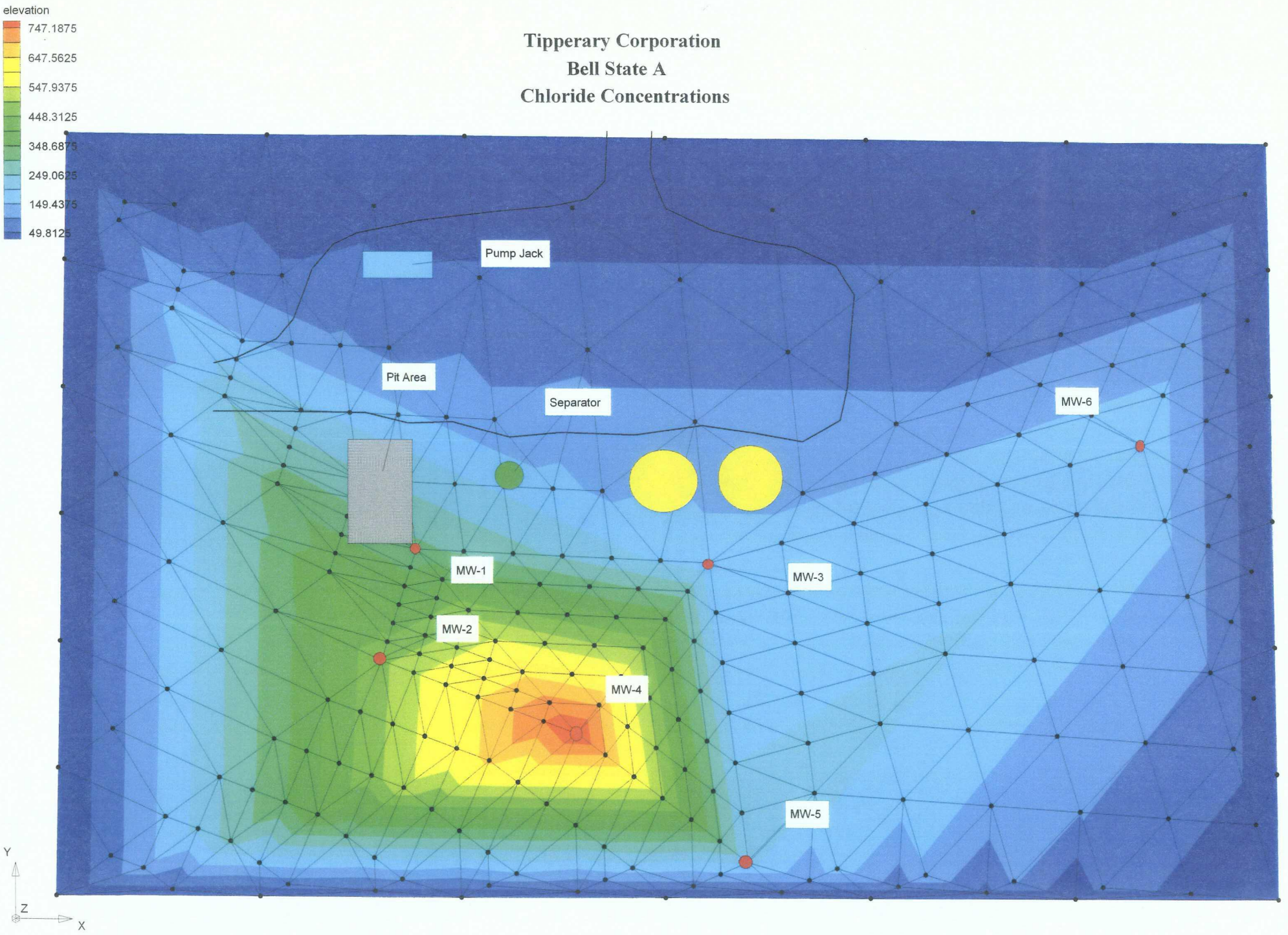
Bell State
MW-6

Lab. #	Sample Date	Benzene	Toluene	Ethylbenzene	m,p Xylene	o Xylene	Total Xylene	Total BTEX
0203602-09	06/15/02	1.880	0.005	0.005	0.018	0.007	0.025	1.915
0307790-06	10/30/03	2.100	0.008	0.005	0.012	0.005	0.017	2.130
4A26007-06	01/23/04	3.690	0.003	0.006	0.015	0.009	0.024	3.723
4J04003-06	10/01/04	2.240	0.001	0.001	0.001	0.001	0.002	2.244
5J24003-06	10/21/05	0.664	0.001	0.001	0.001	0.001	0.002	0.668

Tipperary Corporation
Bell State A
Benzene Concentrations



Tipperary Corporation
Bell State A
Chloride Concentrations



ENVIRONMENTAL LAB OF

12600 West I-20 East - Odessa, Texas 79765

Analytical Report

Prepared for:

Mike Griffin

WHOLE EARTH ENVIRONMENTAL

2103 Arbor Cove

Katy, TX 77494

Project: Bell

Project Number: None Given

Location: Lea County, New Mexico

Lab Order Number: 5J24003

Report Date: 10/31/05

WHOLE EARTH ENVIRONMENTAL	Project: Bell	Fax: (281) 394-2051
2103 Arbor Cove	Project Number: None Given	**Reported:**
Katy TX, 77494	Project Manager: Mike Griffin	10/31/05 14:01

ANALYTICAL REPORT FOR SAMPLES

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
Bell MW #1	5J24003-01	Water	10/20/05 12:40	10/23/05 15:40
Bell MW #2	5J24003-02	Water	10/20/05 12:25	10/23/05 15:40
Bell MW #3	5J24003-03	Water	10/20/05 12:10	10/23/05 15:40
Bell MW #4	5J24003-04	Water	10/20/05 11:25	10/23/05 15:40
Bell MW #5	5J24003-05	Water	10/20/05 11:45	10/23/05 15:40
Bell MW #6	5J24003-06	Water	10/20/05 12:00	10/23/05 15:40

12600 West I-20 East - Odessa, Texas 79705 - (432) 563-1800 - Fax (432) 563-1713

Organics by GC

Environmental Lab of Texas

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Bell MW #1 (5J24003-01) Water									
Benzene	**0.0247**	0.00100	mg/L	1	EJ52623	10/26/05	10/26/05	EPA 8021B	
Toluene	**J [0.000569]**	0.00100	"	"	"	"	"	"	
Ethylbenzene	**0.00599**	0.00100	"	"	"	"	"	"	
Xylene (p/m)	**0.00689**	0.00100	"	"	"	"	"	"	
Xylene (o)	**0.00313**	0.00100	"	"	"	"	"	"	
Surrogate: a,a,a-Trifluorotoluene		*91.0 %*	*80-120*		"	"	"	"	
Surrogate: 4-Bromofluorobenzene		*110 %*	*80-120*		"	"	"	"	
Bell MW #2 (5J24003-02) Water									
Benzene	**0.0122**	0.0100	mg/L	10	EJ52623	10/26/05	10/27/05	EPA 8021B	
Toluene	**ND**	0.0100	"	"	"	"	"	"	
Ethylbenzene	**ND**	0.0100	"	"	"	"	"	"	
Xylene (p/m)	**ND**	0.0100	"	"	"	"	"	"	
Xylene (o)	**ND**	0.0100	"	"	"	"	"	"	
Surrogate: a,a,a-Trifluorotoluene		*85.2 %*	*80-120*		"	"	"	"	
Surrogate: 4-Bromofluorobenzene		*86.8 %*	*80-120*		"	"	"	"	
Bell MW #3 (5J24003-03) Water									
Benzene	**0.0594**	0.00100	mg/L	1	EJ52623	10/26/05	10/27/05	EPA 8021B	
Toluene	**J [0.000520]**	0.00100	"	"	"	"	"	"	
Ethylbenzene	**0.00226**	0.00100	"	"	"	"	"	"	
Xylene (p/m)	**0.00800**	0.00100	"	"	"	"	"	"	
Xylene (o)	**0.00358**	0.00100	"	"	"	"	"	"	
Surrogate: a,a,a-Trifluorotoluene		*99.5 %*	*80-120*		"	"	"	"	
Surrogate: 4-Bromofluorobenzene		*126 %*	*80-120*		"	"	"	"	*S-04*
Bell MW #4 (5J24003-04) Water									
Benzene	ND	0.00100	mg/L	1	EJ52623	10/26/05	10/27/05	EPA 8021B	
Toluene	**J [0.000300]**	0.00100	"	"	"	"	"	"	
Ethylbenzene	**0.00282**	0.00100	"	"	"	"	"	"	
Xylene (p/m)	**0.00717**	0.00100	"	"	"	"	"	"	
Xylene (o)	**0.00477**	0.00100	"	"	"	"	"	"	
Surrogate: a,a,a-Trifluorotoluene		*84.5 %*	*80-120*		"	"	"	"	
Surrogate: 4-Bromofluorobenzene		*98.5 %*	*80-120*		"	"	"	"	

Organics by GC

Environmental Lab of Texas

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Bell MW #5 (5J24003-05) Water									
Benzene	ND	0.00100	mg/L	1	EJ52623	10/26/05	10/27/05	EPA 8021B	
Toluene	**J [0.000474]**	0.00100	"	"	"	"	"	"	
Ethylbenzene	**0.00236**	0.00100	"	"	"	"	"	"	
Xylene (p/m)	**0.00601**	0.00100	"	"	"	"	"	"	
Xylene (o)	**0.00414**	0.00100	"	"	"	"	"	"	
Surrogate: a,a,a-Trifluorotoluene		*85.8 %*	*80-120*		"	"	"	"	
Surrogate: 4-Bromofluorobenzene		*90.0 %*	*80-120*		"	"	"	"	
Bell MW #6 (5J24003-06) Water									
Benzene	**0.664**	0.0100	mg/L	10	EJ52623	10/26/05	10/31/05	EPA 8021B	
Toluene	**ND**	0.0100	"	"	"	"	"	"	
Ethylbenzene	**J [0.00295]**	0.0100	"	"	"	"	"	"	
Xylene (p/m)	**J [0.00770]**	0.0100	"	"	"	"	"	"	
Xylene (o)	**J [0.00317]**	0.0100	"	"	"	"	"	"	
Surrogate: a,a,a-Trifluorotoluene		*81.0 %*	*80-120*		"	"	"	"	
Surrogate: 4-Bromofluorobenzene		*98.0 %*	*80-120*		"	"	"	"	

General Chemistry Parameters by EPA / Standard Methods
Environmental Lab of Texas

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Bell MW #1 (5J24003-01) Water									
Chloride	**312**	10.0	mg/L	20	EJ52604	10/24/05	10/26/05	EPA 300.0	
Bell MW #2 (5J24003-02) Water									
Chloride	**485**	10.0	mg/L	20	EJ52604	10/24/05	10/26/05	EPA 300.0	
Bell MW #3 (5J24003-03) Water									
Chloride	**169**	5.00	mg/L	10	EJ52604	10/24/05	10/26/05	EPA 300.0	
Bell MW #4 (5J24003-04) Water									
Chloride	**797**	12.5	mg/L	25	EJ52604	10/24/05	10/26/05	EPA 300.0	
Bell MW #5 (5J24003-05) Water									
Chloride	**214**	5.00	mg/L	10	EJ52604	10/24/05	10/26/05	EPA 300.0	
Bell MW #6 (5J24003-06) Water									
Chloride	**191**	5.00	mg/L	10	EJ52604	10/24/05	10/26/05	EPA 300.0	

Organics by GC - Quality Control
Environmental Lab of Texas

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch EJ52623 - EPA 5030C (GC)										
Blank (EJ52623-BLK1)				Prepared & Analyzed: 10/26/05						
Benzene	ND	0.00100	mg/L							
Toluene	ND	0.00100	"							
Ethylbenzene	ND	0.00100	"							
Xylene (p/m)	ND	0.00100	"							
Xylene (o)	ND	0.00100	"							
Surrogate: a,a,a-Trifluorotoluene	*32.2*		*ug/l*	*40.0*		*80.5*	*80-120*			
Surrogate: 4-Bromofluorobenzene	*32.4*		*"*	*40.0*		*81.0*	*80-120*			
LCS (EJ52623-BS1)				Prepared & Analyzed: 10/26/05						
Benzene	0.0534	0.00100	mg/L	0.0500		107	80-120			
Toluene	0.0523	0.00100	"	0.0500		105	80-120			
Ethylbenzene	0.0574	0.00100	"	0.0500		115	80-120			
Xylene (p/m)	0.109	0.00100	"	0.100		109	80-120			
Xylene (o)	0.0599	0.00100	"	0.0500		120	80-120			
Surrogate: a,a,a-Trifluorotoluene	*36.7*		*ug/l*	*40.0*		*91.8*	*80-120*			
Surrogate: 4-Bromofluorobenzene	*40.1*		*"*	*40.0*		*100*	*80-120*			
Calibration Check (EJ52623-CCV1)				Prepared: 10/26/05 Analyzed: 10/27/05						
Benzene	47.4		ug/l	50.0		94.8	80-120			
Toluene	48.4		"	50.0		96.8	80-120			
Ethylbenzene	47.3		"	50.0		94.6	80-120			
Xylene (p/m)	88.4		"	100		88.4	80-120			
Xylene (o)	48.3		"	50.0		96.6	80-120			
Surrogate: a,a,a-Trifluorotoluene	*32.1*		*"*	*40.0*		*80.2*	*80-120*			
Surrogate: 4-Bromofluorobenzene	*36.0*		*"*	*40.0*		*90.0*	*80-120*			
Matrix Spike (EJ52623-MS1)	**Source: 5J24001-01**			Prepared: 10/26/05 Analyzed: 10/27/05						
Benzene	0.0510	0.00100	mg/L	0.0500	0.000565	101	80-120			
Toluene	0.0520	0.00100	"	0.0500	ND	104	80-120			
Ethylbenzene	0.0508	0.00100	"	0.0500	ND	102	80-120			
Xylene (p/m)	0.0919	0.00100	"	0.100	ND	91.9	80-120			
Xylene (o)	0.0491	0.00100	"	0.0500	ND	98.2	80-120			
Surrogate: a,a,a-Trifluorotoluene	*35.3*		*ug/l*	*40.0*		*88.2*	*80-120*			
Surrogate: 4-Bromofluorobenzene	*36.4*		*"*	*40.0*		*91.0*	*80-120*			

Organics by GC - Quality Control
Environmental Lab of Texas

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch EJ52623 - EPA 5030C (GC)										
Matrix Spike Dup (EJ52623-MSD1)		**Source: 5J24001-01**		Prepared: 10/26/05 Analyzed: 10/27/05						
Benzene	0.0548	0.00100	mg/L	0.0500	0.000565	108	80-120	6.70	20	
Toluene	0.0561	0.00100	"	0.0500	ND	112	80-120	7.41	20	
Ethylbenzene	0.0557	0.00100	"	0.0500	ND	111	80-120	8.45	20	
Xylene (p/m)	0.102	0.00100	"	0.100	ND	102	80-120	10.4	20	
Xylene (o)	0.0560	0.00100	"	0.0500	ND	112	80-120	13.1	20	
Surrogate: a,a,a-Trifluorotoluene	*34.9*		*ug/l*	*40.0*		*87.2*	*80-120*			
Surrogate: 4-Bromofluorobenzene	*36.4*		*"*	*40.0*		*91.0*	*80-120*			

General Chemistry Parameters by EPA / Standard Methods - Quality Control
Environmental Lab of Texas

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch EJ52604 - General Preparation (WetChem)										
Blank (EJ52604-BLK1)				Prepared: 10/24/05 Analyzed: 10/26/05						
Chloride	ND	0.500	mg/L							
LCS (EJ52604-BS1)				Prepared: 10/24/05 Analyzed: 10/26/05						
Chloride	8.18		mg/L	10.0		81.8	80-120			
Calibration Check (EJ52604-CCV1)				Prepared: 10/24/05 Analyzed: 10/26/05						
Chloride	8.31		mg/L	10.0		83.1	80-120			
Duplicate (EJ52604-DUP1)		**Source: 5J21008-01**		Prepared: 10/24/05 Analyzed: 10/26/05						
Chloride	66.7	5.00	mg/L		70.6			5.68	20	

Notes and Definitions

S-04	The surrogate recovery for this sample is outside of established control limits due to a sample matrix effect.
DET	Analyte DETECTED
ND	Analyte NOT DETECTED at or above the reporting limit
NR	Not Reported
dry	Sample results reported on a dry weight basis
RPD	Relative Percent Difference
LCS	Laboratory Control Spike
MS	Matrix Spike
Dup	Duplicate

Report Approved By: Celey D. Keene Date: 10/31/05

Raland K. Tuttle, Lab Manager
Celey D. Keene, Lab Director, Org. Tech Director
Peggy Allen, QA Officer
Jeanne Mc Murrey, Inorg. Tech Director
LaTasha Cornish, Chemist
Sandra Sanchez, Lab Tech.

Environmental Lab of Texas, Inc.

12600 West I-20 East
Odessa, Texas 79763
Phone: 432-563-1800
Fax: 432-563-1713

CHAIN OF CUSTODY RECORD AND ANALYSIS REQUEST

Project Manager: M. Griffin
Company Name Whole Earth Environmental, Inc.
Company Address: 2103 Arbor Cove
City/State/Zip: Katy, Texas 77494
Telephone No: (281) 394-2050 **Fax No:** (281) 394-2051
Sampler Signature: D.A. Glueck

Project Name: Bell
Project #:
Project Loc: Lea County, New Mexico
PO #:

LAB # (lab use only): 524003

LAB #	Bell MW #	Date Sampled	Time Sampled	No. of Containers	Preservative: Ice	HNO_3	HCl	NaOH	H_2SO_4	None	Other (Specify)	Matrix: Water	Sludge	Soil	Other (specify):	Analyze For: TDS / CL / SAR / EC	TPH 418.1	TPH TX 1005/1006	TPH 8015M GRO/DRO	Metals: As Ag Ba Cd Cr Pb Hg Se (TCLP)	Volatiles (TCLP)	Semivolatiles (TCLP)	BTEX 8021B/5030 (TOTAL)	Chlorides	S.A.R.	E.C.	RUSH TAT (Pre-Schedule)	Standard TAT
-01	Bell MW # 1	10/20/05	12:40	1	X							X												X				
	Bell MW # 1	10/20/05	12:40	2	X		X					X											X					
-02	Bell MW # 2	10/20/05	12:25	1	X							X												X				
	Bell MW # 2	10/20/05	12:25	2	X		X					X											X					
-03	Bell MW # 3	10/20/05	12:10	1	X							X												X				
	Bell MW # 3	10/20/05	12:10	2	X		X					X											X					
-04	Bell MW # 4	10/20/05	11:25	1	X							X												X				
	Bell MW # 4	10/20/05	11:25	2	X		X					X											X					
-05	Bell MW # 5	10/25/05	11:45	1	X							X												X				
	Bell MW # 5	10/20/05	11:45	2	X		X					X											X					
-06	Bell MW # 6	10/20/05	12:00	1	X							X												X				
	Bell MW # 6	10/20/05	12:00	2	X		X					X											X					

Special Instructions:

Sample Containers Intact? Y N
Temperature Upon Receipt: -0.5°C
Laboratory Comments: not frozen
seal on cooler
4 oz Glass w/HCl
L HDPE unpreserved > on ice w/labels

Relinquished by:	Date	Time	Received by:	Date	Time
D.A. Glueck	10/22/05	0835			
Drop Box			Received by ELOT: Jana McMurrey	10-23-05	1540