

1R - 432

REPORTS

DATE:

3-6-06



Whole Earth Environmental, Inc.

2103 Arbor Cove
Katy, Tx. 77494
281.394.2050
whearth@msn.com

March 6, 2006

NMOCD
1220 South Saint Francis Dr.
Sante Fe, NM 87505

Attn: Wayne Price

Dear Wayne:

Enclosed, please find a copy of the laboratory analytical results, hydro geologic gradient chart & spreadsheet summary for the Devon Dickinson site situated east of Lovington in Lea County New Mexico.

The Patsy Battery was acquired by Devon Energy in 2001 as a part of a larger asset purchase. Prior to the acquisition, all of the tanks and ancillary equipment were removed leaving only cement slabs and a few joints of 2" flow lines. Devon does not own or operate any other properties in the immediate area.

Upon notification of potential environmental defects, Devon undertook an independent study of the site which included the advancement, development and monitoring of a series of seven monitor wells. An initial analysis of the waters from within the wells showed no BTEX concentration above the NMWQCC Standards and two monitor wells in which minor chloride impacts could be measured.

The soils within the pit and battery areas were excavated, aerated mixed and blended to achieve chloride and BTEX concentrations in accordance with the approved remediation protocol. The pit area was extensively modeled and a compacted clay layer was erected at an approximate depth of 25' below ground surface.

New water samples were collected on February 13, 2006 and sent to Environmental Lab of Texas for analysis of BTEX and chlorides. As before, no detectable concentration of BTEX were found in any well. The chloride concentrations in all but one well declined to acceptable standards. The exception was found in a newly drilled well (North Well) which previously tested to be within acceptance standards.

We propose to continue testing monitor wells nos. 1, 6 and the north well for a minimum of four years until we achieve four consecutive tests with acceptable concentrations. We request that we be able to plug the remaining wells on the location, as they have never exceeded NMWQCC standards for any constituent of concern.

Thank you in advance for your consideration of our proposal. I very much look forward to discussing this with you in the near future.

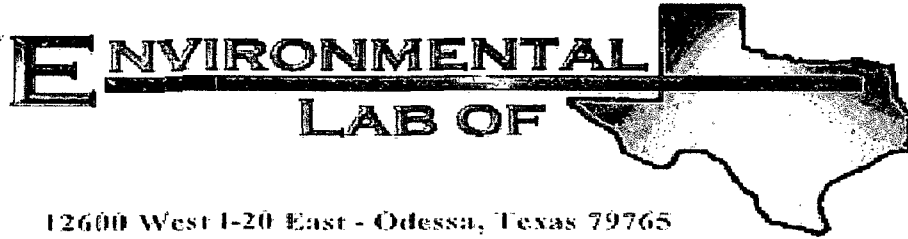
Warmest personal regards,

A handwritten signature in black ink, appearing to read 'Mike Griffin', written in a cursive style.

Mike Griffin
President
Whole Earth Environmental, Inc.

Cc: Chris Biagi / Devon Energy Corporation

Attachments: Environmental Lab of Tx. Analytical Report 6B14001
Gradient and Monitor Well Location Map
Historical Analytical Analysis Summary
Hydrological Gradient Chart



12600 West I-20 East - Odessa, Texas 79765

Analytical Report

Prepared for:

Mike Griffin

WHOLE EARTH ENVIRONMENTAL

2103 Arbor Cove

Katy, TX 77494

Project: Dickinson Project

Project Number: None Given

Location: Lovington

Lab Order Number: 6B14002

Report Date: 02/22/06

WHOLE EARTH ENVIRONMENTAL
2103 Arbor Cove
Katy TX, 77494

Project: Dickinson Project
Project Number: None Given
Project Manager: Mike Griffin

Fax: (281) 394-2051

Reported:
02/22/06 09:12

ANALYTICAL REPORT FOR SAMPLES

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
A MW-5	6B14002-01	Water	02/13/06 11:45	02/14/06 08:10
B MW-4	6B14002-02	Water	02/13/06 12:05	02/14/06 08:10
C MW-1	6B14002-03	Water	02/13/06 12:25	02/14/06 08:10
D MW-6	6B14002-04	Water	02/13/06 12:50	02/14/06 08:10
E MW-N	6B14002-05	Water	02/13/06 13:20	02/14/06 08:10
F MW-S	6B14002-06	Water	02/13/06 14:00	02/14/06 08:10
G MW-7	6B14002-07	Water	02/13/06 14:30	02/14/06 08:10

WHOLE EARTH ENVIRONMENTAL
2103 Arbor Cove
Katy TX, 77494

Project: Dickinson Project
Project Number: None Given
Project Manager: Mike Griffin

Fax: (281) 394-2051

Reported:
02/22/06 09:12

Organics by GC
Environmental Lab of Texas

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
A MW-5 (6B14002-01) Water									
Benzene	ND	0.00100	mg/L	1	EB61616	02/16/06	02/20/06	EPA 8021B	
Toluene	ND	0.00100	"	"	"	"	"	"	
Ethylbenzene	ND	0.00100	"	"	"	"	"	"	
Xylene (p/m)	ND	0.00100	"	"	"	"	"	"	
Xylene (o)	ND	0.00100	"	"	"	"	"	"	
<i>Surrogate: a,a,a-Trifluorotoluene</i>		110 %	80-120		"	"	"	"	
<i>Surrogate: 4-Bromofluorobenzene</i>		118 %	80-120		"	"	"	"	
B MW-4 (6B14002-02) Water									
Benzene	ND	0.00100	mg/L	1	EB61616	02/16/06	02/20/06	EPA 8021B	
Toluene	ND	0.00100	"	"	"	"	"	"	
Ethylbenzene	ND	0.00100	"	"	"	"	"	"	
Xylene (p/m)	ND	0.00100	"	"	"	"	"	"	
Xylene (o)	ND	0.00100	"	"	"	"	"	"	
<i>Surrogate: a,a,a-Trifluorotoluene</i>		105 %	80-120		"	"	"	"	
<i>Surrogate: 4-Bromofluorobenzene</i>		114 %	80-120		"	"	"	"	
C MW-1 (6B14002-03) Water									
Benzene	ND	0.00100	mg/L	1	EB61616	02/16/06	02/20/06	EPA 8021B	
Toluene	ND	0.00100	"	"	"	"	"	"	
Ethylbenzene	ND	0.00100	"	"	"	"	"	"	
Xylene (p/m)	ND	0.00100	"	"	"	"	"	"	
Xylene (o)	ND	0.00100	"	"	"	"	"	"	
<i>Surrogate: a,a,a-Trifluorotoluene</i>		105 %	80-120		"	"	"	"	
<i>Surrogate: 4-Bromofluorobenzene</i>		114 %	80-120		"	"	"	"	
D MW-6 (6B14002-04) Water									
Benzene	ND	0.00100	mg/L	1	EB61616	02/16/06	02/20/06	EPA 8021B	
Toluene	ND	0.00100	"	"	"	"	"	"	
Ethylbenzene	ND	0.00100	"	"	"	"	"	"	
Xylene (p/m)	ND	0.00100	"	"	"	"	"	"	
Xylene (o)	ND	0.00100	"	"	"	"	"	"	
<i>Surrogate: a,a,a-Trifluorotoluene</i>		85.5 %	80-120		"	"	"	"	
<i>Surrogate: 4-Bromofluorobenzene</i>		95.2 %	80-120		"	"	"	"	

WHOLE EARTH ENVIRONMENTAL
2103 Arbor Cove
Katy TX, 77494

Project: Dickinson Project
Project Number: None Given
Project Manager: Mike Griffin

Fax: (281) 394-2051

Reported:
02/22/06 09:12

Organics by GC
Environmental Lab of Texas

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
E MW-N (6B14002-05) Water									
Benzene	ND	0.00100	mg/L	1	EB61616	02/16/06	02/20/06	EPA 8021B	
Toluene	ND	0.00100	"	"	"	"	"	"	
Ethylbenzene	ND	0.00100	"	"	"	"	"	"	
Xylene (p/m)	ND	0.00100	"	"	"	"	"	"	
Xylene (o)	ND	0.00100	"	"	"	"	"	"	
Surrogate: <i>a,a,a</i> -Trifluorotoluene		103 %	80-120		"	"	"	"	
Surrogate: 4-Bromofluorobenzene		120 %	80-120		"	"	"	"	
F MW-S (6B14002-06) Water									
Benzene	ND	0.00100	mg/L	1	EB61616	02/16/06	02/20/06	EPA 8021B	
Toluene	ND	0.00100	"	"	"	"	"	"	
Ethylbenzene	ND	0.00100	"	"	"	"	"	"	
Xylene (p/m)	ND	0.00100	"	"	"	"	"	"	
Xylene (o)	ND	0.00100	"	"	"	"	"	"	
Surrogate: <i>a,a,a</i> -Trifluorotoluene		100 %	80-120		"	"	"	"	
Surrogate: 4-Bromofluorobenzene		119 %	80-120		"	"	"	"	
G MW-7 (6B14002-07) Water									
Benzene	ND	0.00100	mg/L	1	EB61616	02/16/06	02/21/06	EPA 8021B	
Toluene	ND	0.00100	"	"	"	"	"	"	
Ethylbenzene	ND	0.00100	"	"	"	"	"	"	
Xylene (p/m)	ND	0.00100	"	"	"	"	"	"	
Xylene (o)	ND	0.00100	"	"	"	"	"	"	
Surrogate: <i>a,a,a</i> -Trifluorotoluene		102 %	80-120		"	"	"	"	
Surrogate: 4-Bromofluorobenzene		116 %	80-120		"	"	"	"	

WHOLE EARTH ENVIRONMENTAL 2103 Arbor Cove Katy TX, 77494	Project: Dickinson Project Project Number: None Given Project Manager: Mike Griffin	Fax: (281) 394-2051 Reported: 02/22/06 09:12
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General Chemistry Parameters by EPA / Standard Methods
Environmental Lab of Texas

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
A MW-5 (6B14002-01) Water									
Chloride	49.7	5.00	mg/L	10	EB61711	02/17/06	02/20/06	EPA 300.0	
B MW-4 (6B14002-02) Water									
Chloride	54.9	5.00	mg/L	10	EB61711	02/17/06	02/20/06	EPA 300.0	
C MW-1 (6B14002-03) Water									
Chloride	138	5.00	mg/L	10	EB61711	02/17/06	02/20/06	EPA 300.0	
D MW-6 (6B14002-04) Water									
Chloride	97.1	5.00	mg/L	10	EB61711	02/17/06	02/20/06	EPA 300.0	
E MW-N (6B14002-05) Water									
Chloride	478	12.5	mg/L	25	EB61711	02/17/06	02/20/06	EPA 300.0	
F MW-S (6B14002-06) Water									
Chloride	73.0	5.00	mg/L	10	EB61711	02/17/06	02/20/06	EPA 300.0	
G MW-7 (6B14002-07) Water									
Chloride	59.4	5.00	mg/L	10	EB61711	02/17/06	02/20/06	EPA 300.0	

WHOLE EARTH ENVIRONMENTAL
2103 Arbor Cove
Katy TX, 77494

Project: Dickinson Project
Project Number: None Given
Project Manager: Mike Griffin

Fax: (281) 394-2051

Reported:
02/22/06 09:12

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 EB61616 - EPA 5030C (GC)										
Blank (EB61616-BLK1)				Prepared & Analyzed: 02/16/06						
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	34.1		ug/l	40.0		85.2	80-120			
Surrogate: 4-Bromofluorobenzene	36.3		"	40.0		90.8	80-120			
LCS (EB61616-BS1)				Prepared & Analyzed: 02/16/06						
Benzene	0.104	0.00100	mg/L	0.100		104	80-120			
Toluene	0.111	0.00100	"	0.100		111	80-120			
Ethylbenzene	0.115	0.00100	"	0.100		115	80-120			
Xylene (p/m)	0.206	0.00100	"	0.200		103	80-120			
Xylene (o)	0.120	0.00100	"	0.100		120	80-120			
Surrogate: a,a,a-Trifluorotoluene	40.1		ug/l	40.0		100	80-120			
Surrogate: 4-Bromofluorobenzene	43.5		"	40.0		109	80-120			
Calibration Check (EB61616-CCV1)				Prepared: 02/16/06 Analyzed: 02/17/06						
Benzene	107		ug/l	100		107	80-120			
Toluene	112		"	100		112	80-120			
Ethylbenzene	106		"	100		106	80-120			
Xylene (p/m)	188		"	200		94.0	80-120			
Xylene (o)	102		"	100		102	80-120			
Surrogate: a,a,a-Trifluorotoluene	40.2		"	40.0		100	80-120			
Surrogate: 4-Bromofluorobenzene	36.5		"	40.0		91.2	80-120			
Matrix Spike (EB61616-MS1)				Source: 6B09004-01 Prepared: 02/16/06 Analyzed: 02/17/06						
Benzene	0.0988	0.00100	mg/L	0.100	ND	98.8	80-120			
Toluene	0.116	0.00100	"	0.100	ND	116	80-120			
Ethylbenzene	0.119	0.00100	"	0.100	ND	119	80-120			
Xylene (p/m)	0.217	0.00100	"	0.200	ND	108	80-120			
Xylene (o)	0.119	0.00100	"	0.100	ND	119	80-120			
Surrogate: a,a,a-Trifluorotoluene	41.9		ug/l	40.0		105	80-120			
Surrogate: 4-Bromofluorobenzene	39.5		"	40.0		98.8	80-120			

WHOLE EARTH ENVIRONMENTAL
2103 Arbor Cove
Katy TX, 77494

Project: Dickinson Project
Project Number: None Given
Project Manager: Mike Griffin

Fax: (281) 394-2051

Reported:
02/22/06 09:12

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
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Batch EB61616 - EPA 5030C (GC)

Matrix Spike Dup (EB61616-MSD1)

Source: 6B09004-01

Prepared: 02/16/06 Analyzed: 02/17/06

Benzene	0.0968	0.00100	mg/L	0.100	ND	96.8	80-120	2.04	20	
Toluene	0.114	0.00100	"	0.100	ND	114	80-120	1.74	20	
Ethylbenzene	0.115	0.00100	"	0.100	ND	115	80-120	3.42	20	
Xylene (p/m)	0.204	0.00100	"	0.200	ND	102	80-120	5.71	20	
Xylene (o)	0.115	0.00100	"	0.100	ND	115	80-120	3.42	20	
Surrogate: a,a,a-Trifluorotoluene	41.6		ug/l	40.0		104	80-120			
Surrogate: 4-Bromofluorobenzene	34.2		"	40.0		85.5	80-120			

WHOLE EARTH ENVIRONMENTAL 2103 Arbor Cove Katy TX, 77494	Project: Dickinson Project Project Number: None Given Project Manager: Mike Griffin	Fax: (281) 394-2051 Reported: 02/22/06 09:12
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General Chemistry Parameters by EPA / Standard Methods - Quality Control
Environmental Lab of Texas

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC Limits	RPD	RPD Limit	Notes
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Batch EB61711 - General Preparation (WetChem)

Blank (EB61711-BLK1)				Prepared: 02/17/06 Analyzed: 02/20/06					
Chloride	ND	0.500	mg/L						

LCS (EB61711-BS1)				Prepared: 02/17/06 Analyzed: 02/20/06					
Chloride	8.76	0.500	mg/L	10.0	87.6	80-120			

Calibration Check (EB61711-CCV1)				Prepared: 02/17/06 Analyzed: 02/20/06					
Chloride	8.59		mg/L	10.0	85.9	80-120			

Duplicate (EB61711-DUP1)				Source: 6B13006-01 Prepared: 02/17/06 Analyzed: 02/20/06					
Chloride	641	12.5	mg/L		629		1.89	20	

WHOLE EARTH ENVIRONMENTAL
2103 Arbor Cove
Katy TX, 77494

Project: Dickinson Project
Project Number: None Given
Project Manager: Mike Griffin

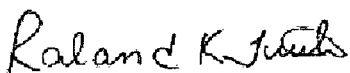
Fax: (281) 394-2051

Reported:
02/22/06 09:12

Notes and Definitions

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:



Date:

2/22/2006

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.

This material is intended only for the use of the individual (s) or entity to whom it is addressed, and may contain information that is privileged and confidential.

If you have received this material in error, please notify us immediately at 432-563-1800.

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: M. Gaffin Phone #: 281-394-2050
 Company Name & Address: Whole Earth Envision FAX #: 281-394-2051
 Project #: _____
 Project Name: Dickinson Project
 Project Location: Livingston Sampler Signature: M. Gaffin

LAB # (LAB USE ONLY)	FIELD CODE	# CONTAINERS	Volume/Amount	MATRIX							PRESERVATIVE METHOD				SAMPLING	
				WATER	AIR	SLUDGE	OTHER	HCL	HNO3	ICE	HONE	OTHER	DATE	TIME	TDS	TCLP Semi Volatiles
002-d	A MW-5	5	400	X				X	X	X			2-3-8	12:45K		
02	B MW-4	1											12:05			
03	C MW-1	1											12:25			
04	D MW-6	1											12:50			
05	E MW-N	1											1:30			
06	F MW-5	1											2:00			
07	G MW-7	1											2:30			

Relinquished by: _____ Date: _____ Times: _____ Received by: _____
 Relinquished by: _____ Date: _____ Times: _____ Received by: _____
 Relinquished by: E. H. H. H. Date: 2/14/00 Times: 8:10 Received by: M. Gaffin

ANALYSIS REQUEST

TCLP Metals Ag As Ba Cd Cr Pb Hg Se	
TCLP Volatiles	
TCLP Semi Volatiles	
TDS	
HCL	
Chlorides	X

REMARKS

Rec 0.5°C not frozen
 2 - VOA HCL
 1 - hot glass
 w/ label & seal jgs

Environmental Lab of Texas
Variance / Corrective Action Report – Sample Log-In

Client: Whole Earth

Date/Time: 2/14/06 8:10

Order #: LOB14002

Initials: OK

Sample Receipt Checklist

Temperature of container/cooler?	Yes	No	<u>0.5</u>	C
Shipping container/cooler in good condition?	<u>Yes</u>	No		
Custody Seals intact on shipping container/cooler?	Yes	No	<u>Not present</u>	
Custody Seals intact on sample bottles?	<u>Yes</u>	No	<u>Not present</u>	
Chain of custody present?	<u>Yes</u>	No		
Sample Instructions complete on Chain of Custody?	<u>Yes</u>	No		
Chain of Custody signed when relinquished and received?	<u>Yes</u>	No		
Chain of custody agrees with sample label(s)	<u>Yes</u>	No		
Container labels legible and intact?	<u>Yes</u>	No		
Sample Matrix and properties same as on chain of custody?	<u>Yes</u>	No		
Samples in proper container/bottle?	<u>Yes</u>	No		
Samples properly preserved?	<u>Yes</u>	No		
Sample bottles intact?	<u>Yes</u>	No		
Preservations documented on Chain of Custody?	<u>Yes</u>	No		
Containers documented on Chain of Custody?	<u>Yes</u>	No		
Sufficient sample amount for indicated test?	<u>Yes</u>	No		
All samples received within sufficient hold time?	<u>Yes</u>	No		
VOC samples have zero headspace?	<u>Yes</u>	No	<u>Not Applicable</u>	

Other observations:

Samples not frozen.

Variance Documentation:

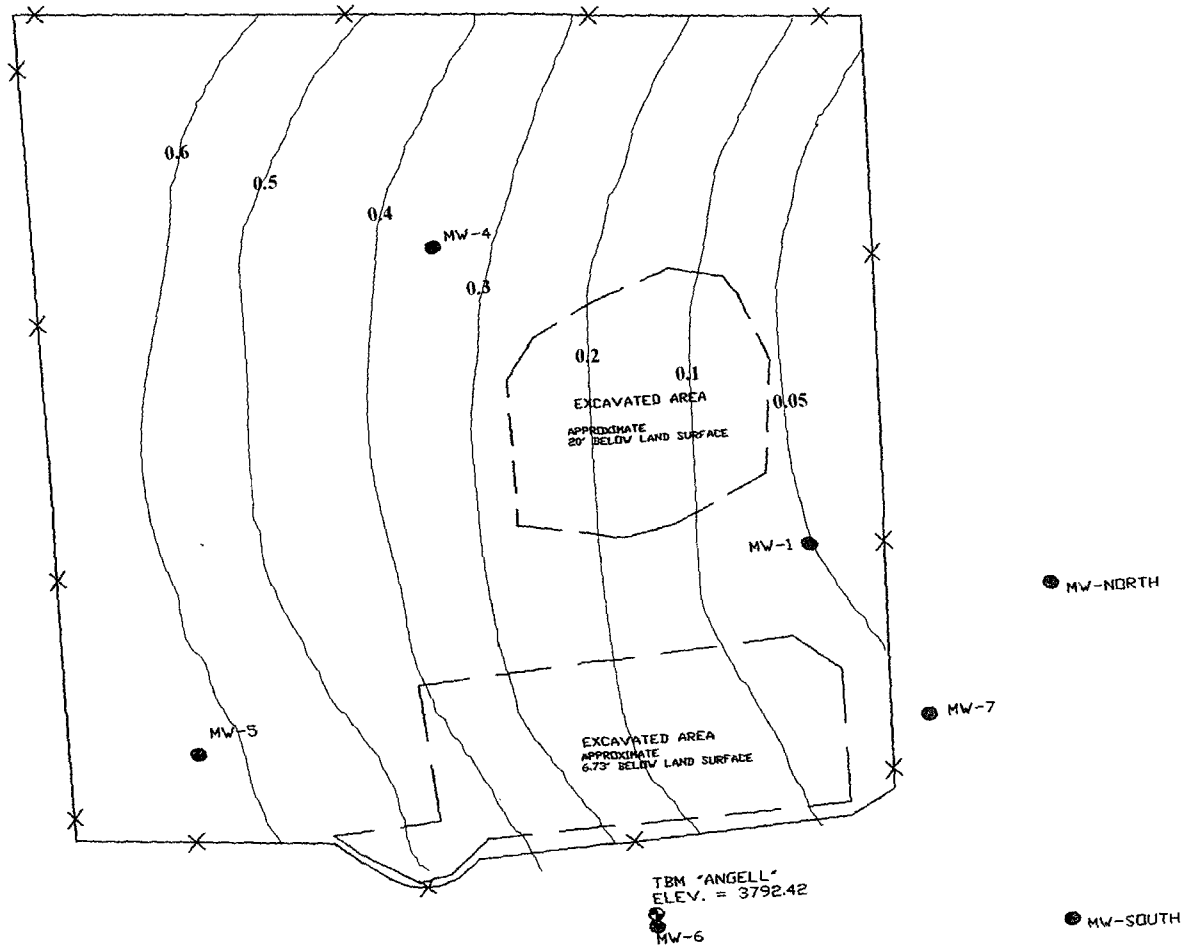
Contact Person: - _____ Date/Time: _____ Contacted by: _____

Regarding: _____

Corrective Action Taken: _____



Devon Energy Corporation
B.C. Dickinson Remediation Project
Hydrostatic Gradient





Devon Energy Company
Patsy Battery
Water Analytical Summary

MW-1						
Date	Lab. No	Benzene	Toluene	Ethylbenzene	Xylene	Chlorides
5/10/2005	5E10010-02	ND	ND	ND	ND	368
2/13/2006	6B14002-03	ND	0.0010	0.0080	0.0020	138

MW-4						
Date	Lab. No	Benzene	Toluene	Ethylbenzene	Xylene	Chlorides
5/10/2005	5E10010-03	ND	ND	ND	ND	58
2/13/2006	6B14001-02	ND	ND	ND	ND	54

MW-5						
Date	Lab. No	Benzene	Toluene	Ethylbenzene	Xylene	Chlorides
5/10/2005	5E10010-01	ND	ND	ND	ND	53
2/13/2006	6B14001-03	ND	ND	ND	ND	49

MW-6						
Date	Lab. No	Benzene	Toluene	Ethylbenzene	Xylene	Chlorides
5/10/2005	5E10010-05	ND	ND	ND	ND	565
2/13/2006	6B14001-04	ND	ND	ND	ND	97

MW-7						
Date	Lab. No	Benzene	Toluene	Ethylbenzene	Xylene	Chlorides
5/10/2005	5E10010-06	ND	ND	ND	ND	95
2/13/2006	6B14001-07	ND	ND	ND	ND	59

North Well						
Date	Lab. No	Benzene	Toluene	Ethylbenzene	Xylene	Chlorides
7/6/2005	5F3000-02	ND	ND	ND	ND	99
2/13/2006	6B14001-05	ND	ND	ND	ND	478

South Well						
Date	Lab. No	Benzene	Toluene	Ethylbenzene	Xylene	Chlorides
7/6/2005	5F3000-03	ND	ND	ND	ND	73
2/13/2006	6B14001-06	ND	ND	ND	ND	73

Whole Earth Environmental, Inc.
Devon/Darr Angell Site

Well #	State Plane Northing	State Plane Easting	Land Surface Northing	Land Surface Easting	M.S.L. Elevation
MW-1	745232.03	901340.68	745232.06	901340.69	3792.79
MW-4	745432.03	901147.63	745432.08	901147.61	3793.41
MW-5	745124.35	901004.03	745124.37	901004.00	3792.86
MW-6	744996.87	901245.15	744996.87	901245.15	3792.52
MW-7	745120.57	901399.10	745120.58	901399.12	3792.80
MW-South	744985.34	901468.30	744985.34	901468.33	3792.48
MW-North	745198.28	901468.49	745198.30	901468.52	3793.45
TBM	745000.81	901244.20	745000.81	901244.20	3792.42

Notes:

1. Horizontal coordinates are State Plane NAVD 83 datum referenced to USCGS Triangulation Station named "CREAK".
2. Elevations are NAVD 88 datum referenced to USCGS Bench Mark named "G-35".
3. Elevations on monitor wells are taken on top of 2'x2' cement pad as requested by Mike Griffin in field 4-12-05.
4. TBM is ½" reinforcing bar with aluminum cap marked "ANGELL" located on the north side of the cement 2'x2' pad of monitor well 6.