

3R - 137

REPORTS

DATE:

1/31/2007

ENVIROTECH INC.

PRACTICAL SOLUTIONS FOR A BETTER TOMORROW

3R0141
3R0137

January 31, 2007

Project No. 05161-004

Mr. Glen von Gonten
NMOCD
1220 South St. Francis Dr.
Santa Fe, NM 87505

Phone (505) 476-3440

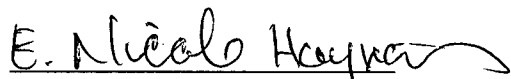
RE: THIRD 2006-2007 QUARTERLY MONITORING REPORT

Dear Mr. von Gonten:

Enclosed please find one (1) copy of the report entitled, *Third 2006-2007 Quarterly Monitoring Report*. This report details the third quarterly monitoring for the North Hogback 12-1, North Hogback 12-4, and North Hogback 12-9 locations on the Navajo Nation in San Juan County, New Mexico.

We appreciate the opportunity to be of service. If you should have any questions or require additional information, please contact our office at (505) 632-0615.

Respectfully Submitted,
ENVIROTECH, INC.



E. Nicole Hayworth
Environmental Scientist
nhayworth@envirotech-inc.com

Enclosure: One (1) copy

DUNCAN OIL
THIRD 2006-2007 QUARTERLY MONITORING REPORT
NORTH HOGBACK 12-1, 12-4, AND 12-9
NAVAJO NATION
SAN JUAN COUNTY, NEW MEXICO

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INTRODUCTION

Envirotech, Inc. has completed the third quarterly monitoring of seven (7) monitor wells at the Duncan Oil North Hogback 12-1, 12-4, and 12-9 well sites; see *Figure 1 Vicinity Map*. Contaminated soil was previously excavated from the sites in September and October of 2005 and monitor wells were installed. The contaminated soil was transported to Envirotech's NMOCD permitted landfarm at Hilltop, NM, for remediation. Water samples collected at the time of excavation indicated that the three (3) sites previously referenced had residual contaminants in the groundwater above the guidelines set forth by the USEPA and adopted by the NNEPA.

GROUNDWATER SAMPLING AND ANALYSIS

Groundwater sampling was performed on seven (7) monitor wells on January 11, 2007. Prior to sampling a minimum of three (3) well volumes of water were bailed out of each well with a new disposable bailer.

Water levels were calculated from the surveying data to draw a water level map. Water levels and groundwater gradient for the North Hogback 12-1 and 12-9 are shown on *Figure 4, North Hogback 12-1 and 12-9 Water Level Map*. A water level map with the water gradient indicated is shown in *Figure 5, North Hogback 12-4 Water Level Map* for the North Hogback 12-4 location. It appears that the groundwater is moving from southwest to northeast across the 12-4 site. Water levels for the individual wells are tabulated in *Table 1, Water Levels* below.

Table 1: Water Levels

Name	Casing Elevation	Water Level	Water Elevation
N. Hogback 12-1 MW-1	5025.84	17.24	5008.6
N. Hogback 12-1 MW-2	5027.47	19.06	5008.41
N. Hogback 12-9 MW-1	5026.12	8.58	5017.54
N. Hogback 12-9 MW-2	5025.61	8.78	5016.83
N. Hogback 12-4 MW-1	4966.45	4.74	4961.71
N. Hogback 12-4 MW-2	4966.60	5.09	4961.51
N. Hogback 12-4 MW-3	4967.44	5.84	4961.6

North Hogback 12-9

Samples were collected from the two (2) monitor wells at the North Hogback 12-9 and analyzed for lead, manganese, and iron via USEPA Method 6010B. Results from this analysis are summarized in *Table 2, Summary of Laboratory Metals Analysis of North Hogback 12-9* below and laboratory certificates are presented in *Appendix A, Laboratory Water Sample Results*.

Table 2: Summary of Laboratory Metals Analysis for North Hogback 12-9

Analyte	Monitor Well #1	Monitor Well #2	Regulated Level
Iron (ppm)	0.742	0.457	1.0
Manganese (ppm)	0.404	0.553	0.2
Lead (ppm)	ND	ND	0.050

Values in bold exceed the USEPA and NNEPA regulated level
ND – indicates analyte is below the method detection limit

Manganese is above standards for both MW-1 and MW-2. Manganese concentrations decreased from the values reported in the second quarter sampling event in MW-1 and slightly increased in MW-2; see *Appendix B, Historical Data*.

North Hogback 12-1

Samples were collected from the two (2) monitor wells at the North Hogback 12-1 and analyzed for benzene, toluene, ethylbenzene, and total xylene (BTEX) via USEPA method 8021B.

Results from this analysis are summarized in *Table 3, Summary of Laboratory BTEX Analysis for North Hogback 12-1* below and laboratory certificates are presented in *Appendix A, Laboratory Water Sample Results*. All results were below standards.

Table 3: Summary of Laboratory BTEX Analysis for North Hogback 12-1

Analyte	Monitor Well #1	Monitor Well #2	Regulated Level
Benzene (ppb)	ND	0.2	5.0
Toluene (ppb)	ND	17.6	1,000
Ethylbenzene (ppb)	0.2	5.0	700
Total Xylenes (ppb)	1.5	46.3	10,000

ND – indicates analyte is below the method detection limit

North Hogback 12-4

All three (3) monitor wells at this location were sampled for BTEX via USEPA method 8021B. Prior to sampling three (3) well volumes were bailed from each well. The contaminants of concern were analyzed using Method 8021B and are all below the regulated levels. A summary of the laboratory results is presented in *Table 4, Summary of Laboratory BTEX Analysis for North Hogback 12-4* below.

Table 4: Summary of Laboratory BTEX Analysis for North Hogback 12-4

Analyte	Monitor Well #1	Monitor Well #2	Monitor Well #3	Regulated Level
Benzene (ppb)	ND	ND	ND	5.0
Toluene (ppb)	51.2	3.5	ND	1,000
Ethylbenzene (ppb)	26.6	0.7	ND	700
Total Xylenes (ppb)	118.5	8.4	1.1	10,000

ND – indicates analyte is below the method detection limit

SUMMARY AND CONCLUSIONS

Envirotech has completed the third quarterly monitoring of seven (7) monitor wells at the North Hogback 12-1, 12-4, and 12-9 well sites. All of the contaminants of concern analyzed for are below the USEPA's regulated level at the North Hogback 12-4 and North Hogback 12-1 well sites.

Three (3) consecutive quarters of contaminants of concern below the regulated limit has been achieved at the North Hogback 12-4 site. The revised workplan submitted to the NNEPA and USEPA originally specified four (4) quarters of monitoring at the North Hogback sites. If written approval is received from the NNEPA and USEPA, the wells can be plugged and abandoned at the North Hogback 12-4 well site.


At the North Hogback 12-1 location, all contaminants of concern analyzed for are below the regulated limit. Envirotech recommends a minimum of two (2) additional sampling events at this site.


At the North Hogback 12-9 location, manganese was slightly higher than the regulated level in both monitor wells at 0.404 and 0.553 ppm respectively. Envirotech recommends a minimum of three (3) additional sampling events at this site.

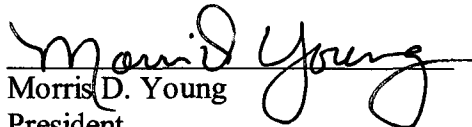
We appreciate the opportunity to be of service. Should you have any questions or require additional information, please contact our office at (505) 632-0615.

Respectfully submitted,
ENVIROTECH, INC.

Reviewed By:


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FIGURES

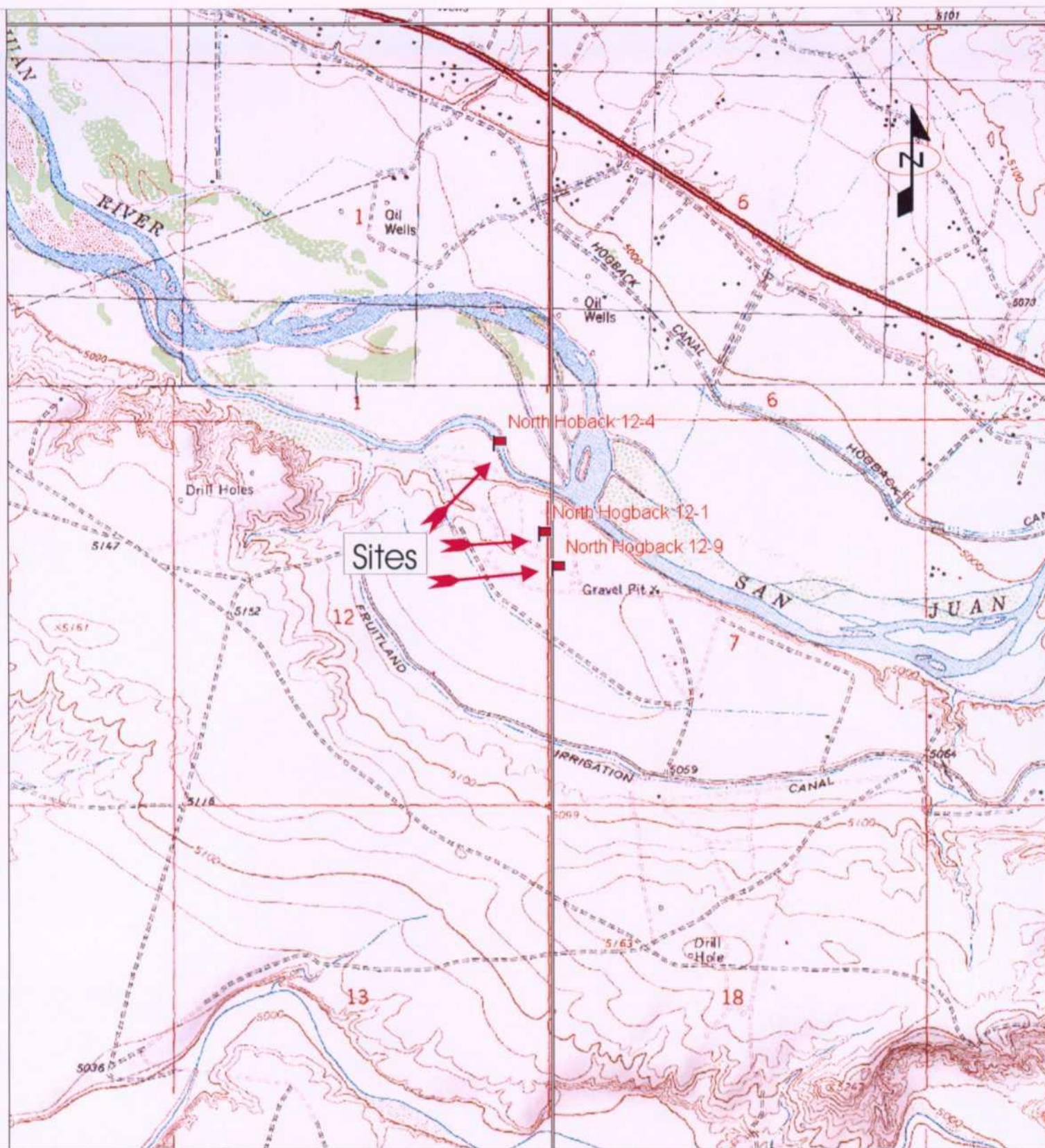
Figure 1, Vicinity Map

Figure 2, North Hogback 12-1 and 12-9 Site Map

Figure 3, North Hogback 12-4 Site Map

Figure 4, North Hogback 12-1 and 12-9 Water
Level Map

Figure 5, North Hogback 12-4 Water Level Map



Source: The Hogback North, New Mexico 7.5 Minute U.S.G.S. Topographic Quadrangle Map
 Scale: 1:24,000 1" = 2000'

North Hogback 12-1, 12-4, & 12-9
 Section 12, Township 29N, Range 16W
 San Juan County, NM

ENVIROTECH INC.

ENVIRONMENTAL SCIENTISTS & ENGINEERS
 5796 U.S. HIGHWAY 64
 FARMINGTON, NEW MEXICO 87401
 PHONE (505) 632-0615

Vicinity Map

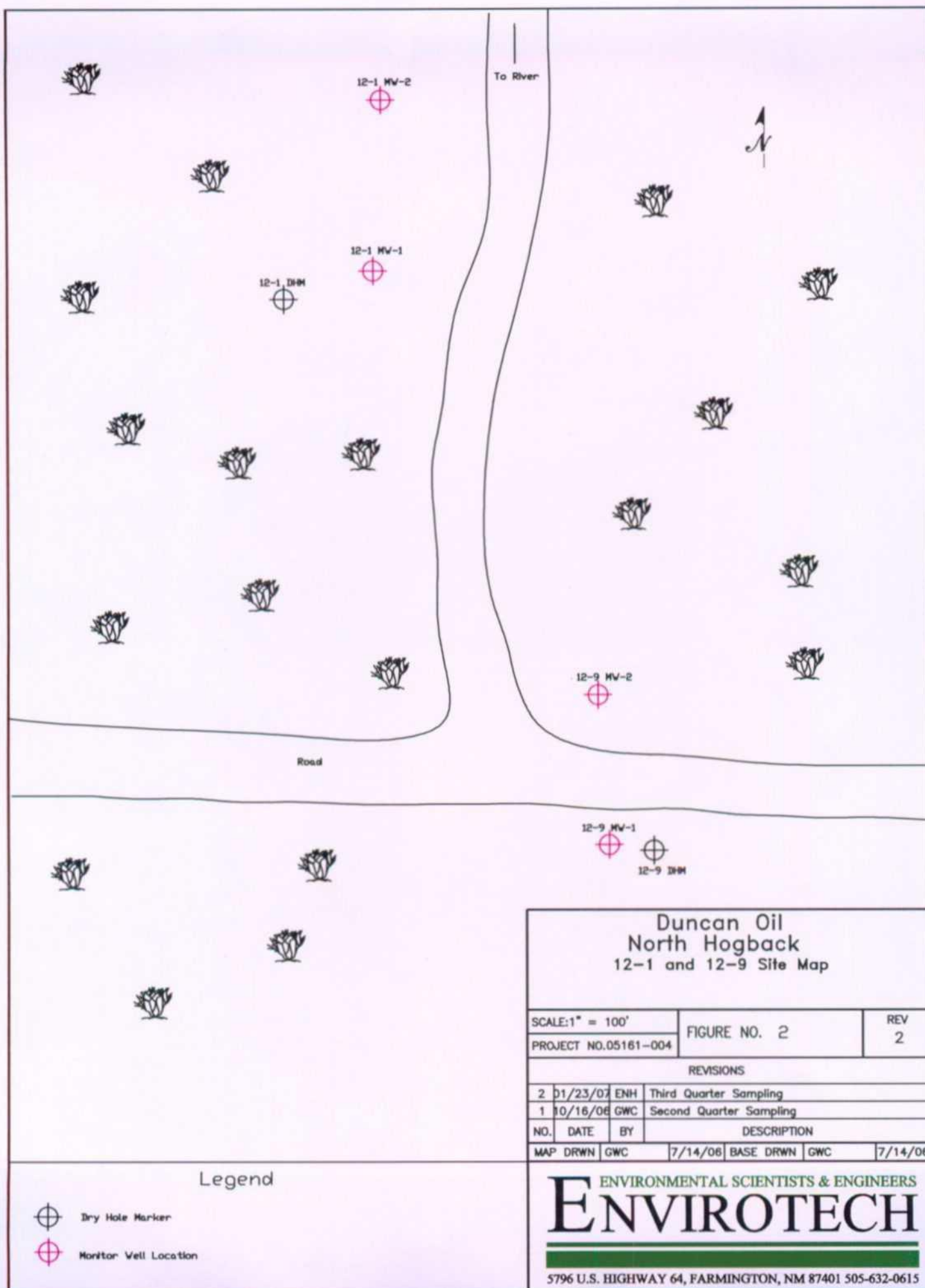
Figure 1

PROJECT No 05161-004

Date Drawn: 7/20/06

DRAWN BY:
 Greg Crabtree

PROJECT MANAGER:
 Kyle Kerr



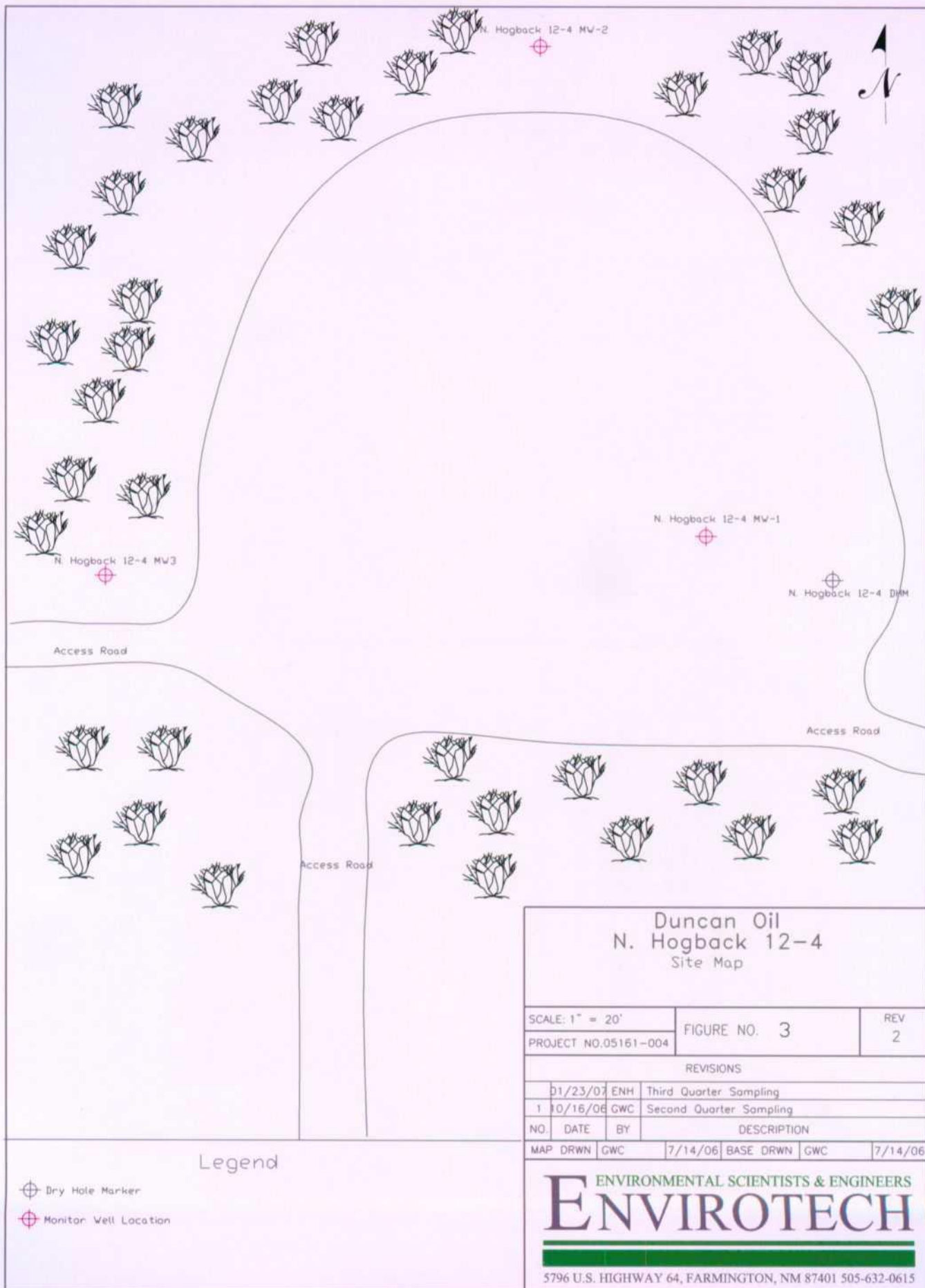
Duncan Oil North Hogback 12-1 and 12-9 Site Map			
SCALE: 1" = 100'		FIGURE NO. 2	REV 2
PROJECT NO. 05161-004			
REVISIONS			
2	01/23/07	ENH	Third Quarter Sampling
1	10/16/06	GWC	Second Quarter Sampling
NO.	DATE	BY	DESCRIPTION
MAP DRWN	GWC	7/14/06	BASE DRWN GWC 7/14/06

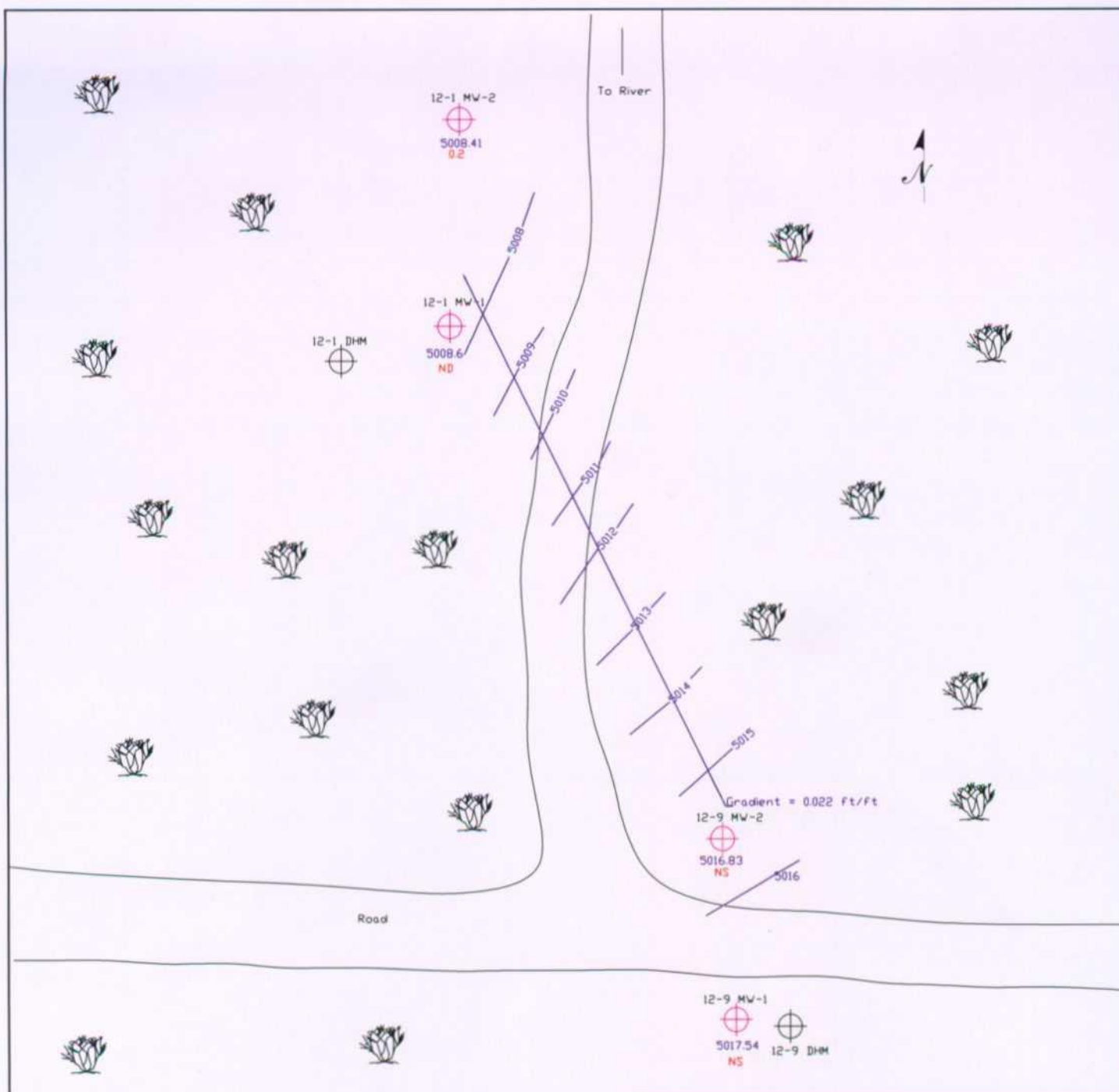
Legend

-  Dry Hole Marker
-  Monitor Well Location

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Duncan Oil
North Hogback
12-1 and 12-9 Site Map

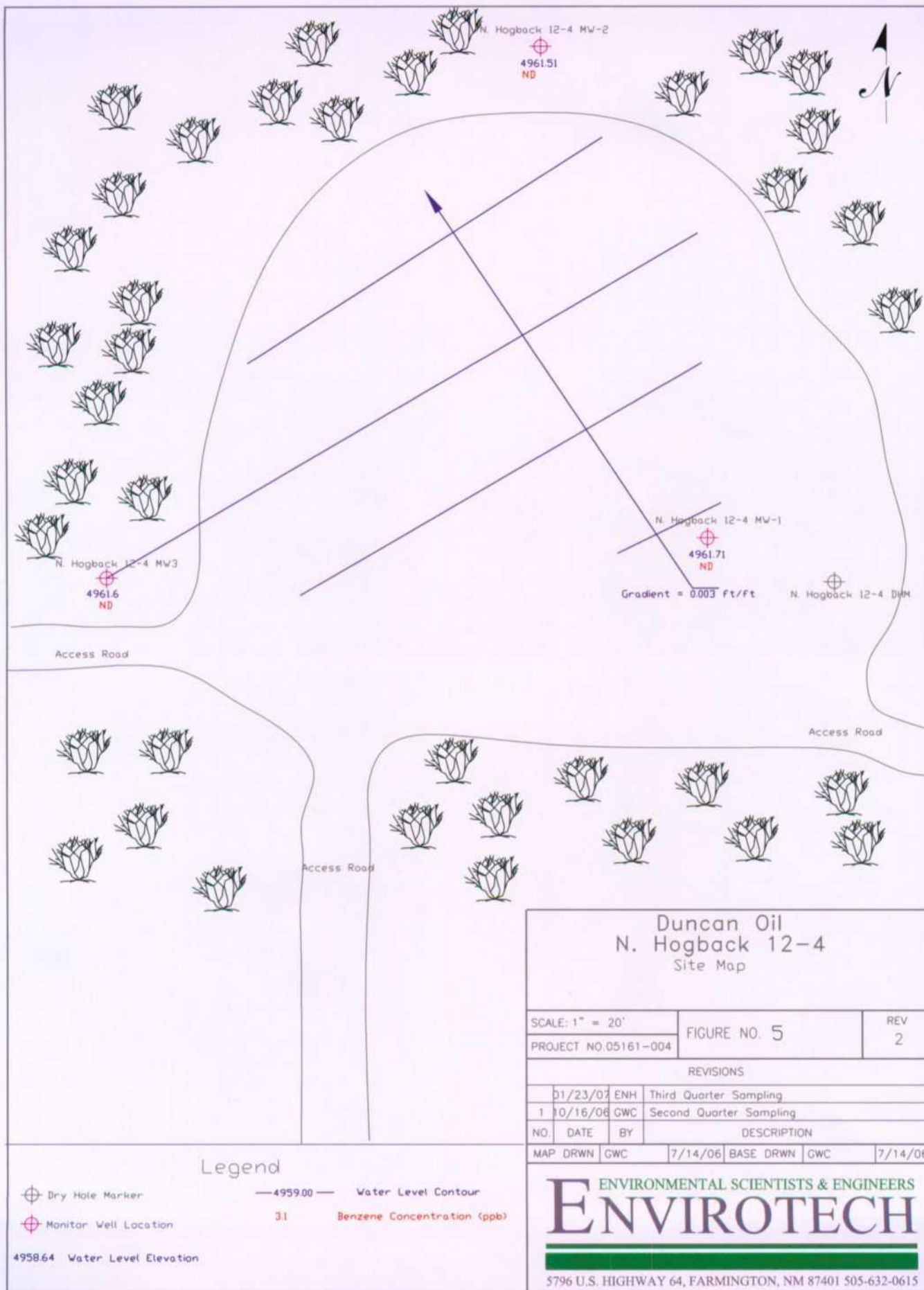
SCALE: 1" = 100'		FIGURE NO. 4		REV 2	
PROJECT NO. 05161-004					
REVISIONS					
2	01/23/07	ENH	Third Quarter Sampling		
1	10/16/06	GWC	Second Quarter Sampling		
NO.	DATE	BY	DESCRIPTION		
MAP DRWN	GWC	7/14/06	BASE DRWN	GWC	7/14/06

Legend

- Dry Hole Marker
- Monitor Well Location
- 5014.64 Water Level Elevation
- 4.3 Benzene Concentration (ppb)

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Duncan Oil N. Hogback 12-4 Site Map

SCALE: 1" = 20'

PROJECT NO. 05161-004

FIGURE NO. 5

REV
2

REVISIONS

	01/23/07	ENH	Third Quarter Sampling			
1	10/16/06	GWC	Second Quarter Sampling			
NO.	DATE	BY	DESCRIPTION			
MAP DRWN	GWC	7/14/06	BASE DRWN	GWC	7/14/06	

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5796 U.S. HIGHWAY 64, FARMINGTON, NM 87401 505-632-0615

APPENDIX A

Laboratory Water Sample Results

ENVIROTECH LABS

PRACTICAL SOLUTIONS FOR A BETTER TOMORROW

TRACE METAL ANALYSIS

Client:	Duncan Oil	Project #:	05161-004
Sample ID:	12-9 MW-1	Date Reported:	01-12-07
Laboratory Number:	39701	Date Sampled:	01-11-07
Chain of Custody:	1922	Date Received:	01-11-07
Sample Matrix:	Water	Date Analyzed:	01-12-07
Preservative:	Cool	Date Digested:	01-11-07
Condition:	Cool & Intact	Analysis Needed:	Fe, Mn, Pb

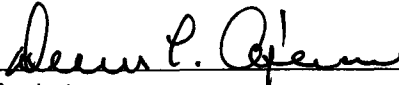
Parameter	Concentration (mg/L)	Det. Limit (mg/L)
Iron	0.742	0.001
Manganese	0.404	0.001
Lead	ND	0.001

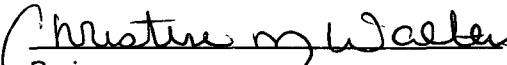
ND - Parameter not detected at the stated detection limit.

References: Method 3050B, Acid Digestion of Sediments, Sludges and Soils.
SW-846, USEPA, December 1996.

Method 6010B, Analysis of Metals by Inductively Coupled Plasma Atomic Emission Spectroscopy, SW-846, USEPA, December 1996.

Comments: **Hogback**


Analyst


Review

ENVIROTECH LABS

PRACTICAL SOLUTIONS FOR A BETTER TOMORROW

TRACE METAL ANALYSIS

Client:	Duncan Oil	Project #:	05161-004
Sample ID:	12-9 MW-2	Date Reported:	01-12-07
Laboratory Number:	39702	Date Sampled:	01-11-07
Chain of Custody:	1922	Date Received:	01-11-07
Sample Matrix:	Water	Date Analyzed:	01-12-07
Preservative:	Cool	Date Digested:	01-11-07
Condition:	Cool & Intact	Analysis Needed:	Fe, Mn, Pb

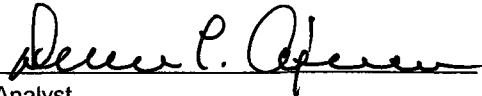
Parameter	Concentration (mg/L)	Det. Limit (mg/L)
Iron	0.457	0.001
Manganese	0.553	0.001
Lead	ND	0.001

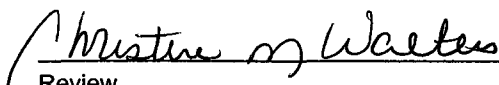
ND - Parameter not detected at the stated detection limit.

References: Method 3050B, Acid Digestion of Sediments, Sludges and Soils.
SW-846, USEPA, December 1996.

Method 6010B, Analysis of Metals by Inductively Coupled Plasma Atomic Emission
Spectroscopy, SW-846, USEPA, December 1996.

Comments: **Hogback**


Analyst


Review

ENVIROTECH LABS

PRACTICAL SOLUTIONS FOR A BETTER TOMORROW

TRACE METAL ANALYSIS Quality Control / Quality Assurance Report

Client:	QA/QC	Project #:	N/A
Sample ID:	01-12-TM QA/QC	Date Reported:	01-12-07
Laboratory Number:	39684	Date Sampled:	N/A
Sample Matrix:	Water	Date Received:	N/A
Analysis Requested:	Fe, Mn, Pb	Date Analyzed:	01-12-07
Condition:	N/A	Date Digested:	01-11-07

Blank & Duplicate Conc. (mg/L)	Instrument Blank (mg/L)	Detection Limit	Sample (mg/L)	Duplicate (mg/L)	% Diff.	Acceptance Range
Iron	ND	0.001	0.279	0.275	1.4%	0% - 30%
Manganese	ND	0.001	0.970	0.974	0.4%	0% - 30%
Lead	ND	0.001	ND	ND	0.0%	0% - 30%

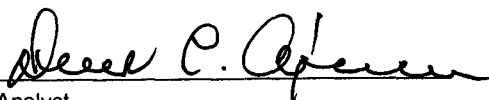
Spike Conc. (mg/L)	Spike Added	Sample (mg/L)	Spiked Sample	Percent Recovery	Acceptance Range
Iron	0.500	0.279	0.777	99.7%	80% - 120%
Manganese	0.500	0.970	1.45	98.6%	80% - 120%
Lead	0.500	ND	0.498	99.6%	80% - 120%

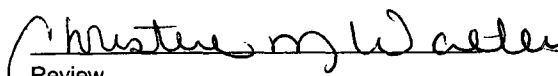
ND - Parameter not detected at the stated detection limit.

References: Method 3050B, Acid Digestion of Sediments, Sludges and Soils.
SW-846, USEPA, December 1996.

Method 6010B, Analysis of Metals by Inductively Coupled Plasma Atomic Emission
Spectroscopy, SW-846, USEPA, December 1996.

Comments: QA/QC for samples 39684 - 39690, 39701 - 39702


Analyst


Review

ENVIROTECH LABS

PRACTICAL SOLUTIONS FOR A BETTER TOMORROW

EPA METHOD 8021 AROMATIC VOLATILE ORGANICS

Client:	Duncan Oil	Project #:	05161-004
Sample ID:	12-1 MW-1	Date Reported:	01-12-07
Chain of Custody:	1922	Date Sampled:	01-11-07
Laboratory Number:	39703	Date Received:	01-11-07
Sample Matrix:	Water	Date Analyzed:	01-12-07
Preservative:	Cool	Analysis Requested:	BTEX
Condition:	Cool & Intact		

Parameter	Concentration (ug/L)	Dilution Factor	Det. Limit (ug/L)
Benzene	ND	1	0.2
Toluene	ND	1	0.2
Ethylbenzene	0.2	1	0.2
p,m-Xylene	1.3	1	0.2
o-Xylene	0.2	1	0.1

Total BTEX 1.7

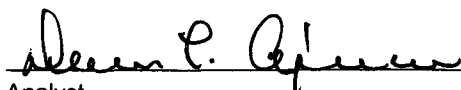
ND - Parameter not detected at the stated detection limit.


Surrogate Recoveries:	Parameter	Percent Recovery
	fluorobenzene	99.8 %
	1,4-difluorobenzene	99.8 %
	4-bromochlorobenzene	99.8 %

References: Method 5030B, Purge-and-Trap, Test Methods for Evaluating Solid Waste, SW-846, USEPA, December 1996.

Method 8021B, Aromatic and Halogenated Volatiles by Gas Chromatography Using Photoionization and/or Electrolytic Conductivity Detectors, SW-846, USEPA December 1996.

Comments: Hogback


Analyst


Review

ENVIROTECH LABS

PRACTICAL SOLUTIONS FOR A BETTER TOMORROW

EPA METHOD 8021 AROMATIC VOLATILE ORGANICS

Client: Duncan Oil
Sample ID: 12-1 MW-2
Chain of Custody: 1922
Laboratory Number: 39704
Sample Matrix: Water
Preservative: Cool
Condition: Cool & Intact

Project #: 05161-004
Date Reported: 01-12-07
Date Sampled: 01-11-07
Date Received: 01-11-07
Date Analyzed: 01-12-07
Analysis Requested: BTEX

Parameter	Concentration (ug/L)	Dilution Factor	Det. Limit (ug/L)
Benzene	0.2	1	0.2
Toluene	17.6	1	0.2
Ethylbenzene	5.0	1	0.2
p,m-Xylene	37.7	1	0.2
o-Xylene	8.6	1	0.1

Total BTEX 69.1

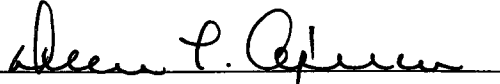
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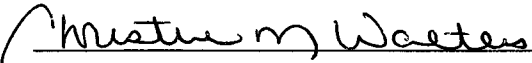
Surrogate Recoveries:	Parameter	Percent Recovery
	fluorobenzene	99.8 %
	1,4-difluorobenzene	99.8 %
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References: Method 5030B, Purge-and-Trap, Test Methods for Evaluating Solid Waste, SW-846, USEPA, December 1996.

Method 8021B, Aromatic and Halogenated Volatiles by Gas Chromatography Using Photoionization and/or Electrolytic Conductivity Detectors, SW-846, USEPA December 1996.

Comments: Hogback


Analyst


Review

ENVIROTECH LABS

PRACTICAL SOLUTIONS FOR A BETTER TOMORROW

EPA METHOD 8021 AROMATIC VOLATILE ORGANICS

Client:	Duncan Oil	Project #:	05161-004
Sample ID:	12-4 MW-1	Date Reported:	01-12-07
Chain of Custody:	1922	Date Sampled:	01-11-07
Laboratory Number:	39705	Date Received:	01-11-07
Sample Matrix:	Water	Date Analyzed:	01-12-07
Preservative:	Cool	Analysis Requested:	BTEX
Condition:	Cool & Intact		

Parameter	Concentration (ug/L)	Dilution Factor	Det. Limit (ug/L)
Benzene	ND	1	0.2
Toluene	51.2	1	0.2
Ethylbenzene	26.6	1	0.2
p,m-Xylene	93.6	1	0.2
o-Xylene	24.9	1	0.1

Total BTEX 196

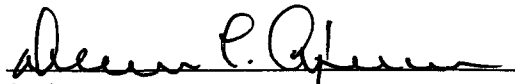
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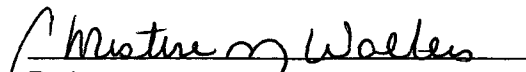
Surrogate Recoveries:	Parameter	Percent Recovery
	fluorobenzene	99.8 %
	1,4-difluorobenzene	99.8 %
	4-bromochlorobenzene	99.8 %

References: Method 5030B, Purge-and-Trap, Test Methods for Evaluating Solid Waste, SW-846, USEPA, December 1996.

Method 8021B, Aromatic and Halogenated Volatiles by Gas Chromatography Using Photoionization and/or Electrolytic Conductivity Detectors, SW-846, USEPA December 1996.

Comments: Hogback


Analyst


Review

ENVIROTECH LABS

PRACTICAL SOLUTIONS FOR A BETTER TOMORROW

EPA METHOD 8021 AROMATIC VOLATILE ORGANICS

Client:	Duncan Oil	Project #:	05161-004
Sample ID:	12-4 MW-2	Date Reported:	01-12-07
Chain of Custody:	1922	Date Sampled:	01-11-07
Laboratory Number:	39706	Date Received:	01-11-07
Sample Matrix:	Water	Date Analyzed:	01-12-07
Preservative:	Cool	Analysis Requested:	BTEX
Condition:	Cool & Intact		

Parameter	Concentration (ug/L)	Dilution Factor	Det. Limit (ug/L)
Benzene	ND	1	0.2
Toluene	3.5	1	0.2
Ethylbenzene	0.7	1	0.2
p,m-Xylene	6.8	1	0.2
o-Xylene	1.6	1	0.1

Total BTEX 12.6

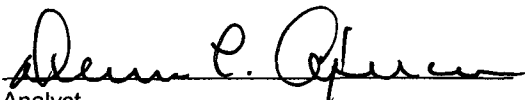
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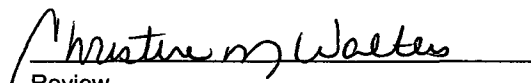
Surrogate Recoveries:	Parameter	Percent Recovery
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	1,4-difluorobenzene	99.8 %
	4-bromochlorobenzene	99.8 %

References: Method 5030B, Purge-and-Trap, Test Methods for Evaluating Solid Waste, SW-846, USEPA, December 1996.

Method 8021B, Aromatic and Halogenated Volatiles by Gas Chromatography Using Photoionization and/or Electrolytic Conductivity Detectors, SW-846, USEPA December 1996.

Comments: Hogback


Analyst


Review

ENVIROTECH LABS

PRACTICAL SOLUTIONS FOR A BETTER TOMORROW

EPA METHOD 8021 AROMATIC VOLATILE ORGANICS

Client:	Duncan Oil	Project #:	05161-004
Sample ID:	12-4 MW-3	Date Reported:	01-12-07
Chain of Custody:	1922	Date Sampled:	01-11-07
Laboratory Number:	39707	Date Received:	01-11-07
Sample Matrix:	Water	Date Analyzed:	01-12-07
Preservative:	Cool	Analysis Requested:	BTEX
Condition:	Cool & Intact		

Parameter	Concentration (ug/L)	Dilution Factor	Det. Limit (ug/L)
Benzene	ND	1	0.2
Toluene	ND	1	0.2
Ethylbenzene	ND	1	0.2
p,m-Xylene	0.8	1	0.2
o-Xylene	0.3	1	0.1

Total BTEX 1.1

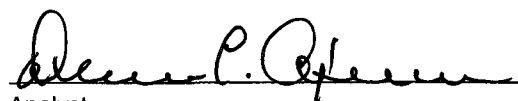
ND - Parameter not detected at the stated detection limit.

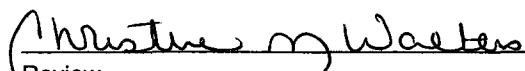
Surrogate Recoveries:	Parameter	Percent Recovery
	fluorobenzene	99.8 %
	1,4-difluorobenzene	99.8 %
	4-bromochlorobenzene	99.8 %

References: Method 5030B, Purge-and-Trap, Test Methods for Evaluating Solid Waste, SW-846, USEPA, December 1996.

Method 8021B, Aromatic and Halogenated Volatiles by Gas Chromatography Using Photoionization and/or Electrolytic Conductivity Detectors, SW-846, USEPA December 1996.

Comments: Hogback


Analyst


Review

ENVIROTECH LABS

PRACTICAL SOLUTIONS FOR A BETTER TOMORROW

EPA METHOD 8021 AROMATIC VOLATILE ORGANICS QUALITY ASSURANCE REPORT

Client:	N/A	Project #:	N/A
Sample ID:	01-12-BTEX QA/QC	Date Reported:	01-12-07
Laboratory Number:	39703	Date Sampled:	N/A
Sample Matrix:	Water	Date Received:	N/A
Preservative:	N/A	Date Analyzed:	01-12-07
Condition:	N/A	Analysis:	BTEX

Calibration and Detection Limits (ug/L)	I-Cal RF:	C-Cal RF: Accept. Range 0 - 15%	%Diff.	Blank Conc	Detect. Limit
Benzene	3.7029E+007	3.7141E+007	0.30%	ND	0.2
Toluene	6.4785E+007	6.4980E+007	0.30%	ND	0.2
Ethylbenzene	3.0576E+007	3.0668E+007	0.30%	ND	0.2
p,m-Xylene	1.3202E+008	1.3242E+008	0.30%	ND	0.2
o-Xylene	6.0777E+007	6.0960E+007	0.30%	ND	0.1

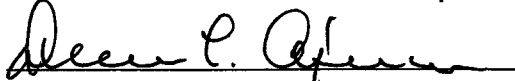
Duplicate Conc. (ug/L)	Sample	Duplicate	%Diff.	Accept Limit
Benzene	ND	ND	0.0%	0 - 30%
Toluene	ND	ND	0.0%	0 - 30%
Ethylbenzene	0.2	0.2	0.0%	0 - 30%
p,m-Xylene	1.3	1.3	0.0%	0 - 30%
o-Xylene	0.2	0.2	0.0%	0 - 30%

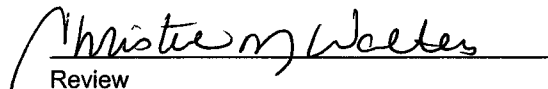
Spike Conc. (ug/L)	Sample	Amount Spiked	Spiked Sample	% Recovery	Accept Limits
Benzene	ND	50.0	49.9	99.8%	39 - 150
Toluene	ND	50.0	49.9	99.8%	46 - 148
Ethylbenzene	0.2	50.0	50.1	99.8%	32 - 160
p,m-Xylene	1.3	100	101	99.8%	46 - 148
o-Xylene	0.2	50.0	50.1	99.8%	46 - 148

ND - Parameter not detected at the stated detection limit.

References: Method 5030B, Purge-and-Trap, Test Methods for Evaluating Solid Waste, SW-846, USEPA, December 1996.
Method 8021B, Aromatic and Halogenated Volatiles by Gas Chromatography Using Photoionization and/or Electrolytic Conductivity Detectors, SW-846, USEPA December 1996.

Comments: QA/QC for samples 39703 - 39707


Analyst


Review

CHAIN OF CUSTODY RECORD

1922

Client / Project Name		Project Location		ANALYSIS / PARAMETERS																					
Duncan Oil		Hogback																							
Sampler:		Client No.		Sample Matrix		No. of Containers		6010 Lead, Manganese, Iron		1208		Remarks													
GWC/ENH		05161-004		Water		1		✓																	
Sample No./ Identification	Sample Date	Sample Time	Lab Number																						
12-9 MW-1	1/11/07	1310	39701																						
12-9 MW-2		1307	39702																						
12-1 MW-1		1351	39703																						
12-1 MW-2		1400	39704																						
12-4 MW-1		1425	39705																						
12-4 MW-2		1430	39706																						
12-4 MW-3		1440	39707																						
Relinquished by: (Signature)				Date		Time		Received by: (Signature)		Date		Time													
<i>[Signature]</i>				1/11/07		1335		<i>Christopher Wooten</i>		1/11/07		1335													
Relinquished by: (Signature)								Received by: (Signature)																	
Relinquished by: (Signature)								Received by: (Signature)																	
<div> <div>ENVIROTECH INC.</div> <div> 5796 U.S. Highway 64 Farmington, New Mexico 87401 (505) 632-0615 </div> </div>																									
Sample Receipt										<table border="1"> <tr> <td>Y</td> <td>N</td> <td>N/A</td> </tr> <tr> <td></td> <td></td> <td></td> </tr> <tr> <td>Received Intact</td> <td>✓</td> <td></td> </tr> <tr> <td>Cool - Ice/Blue Ice</td> <td>✓</td> <td></td> </tr> </table>				Y	N	N/A				Received Intact	✓		Cool - Ice/Blue Ice	✓	
Y	N	N/A																							
Received Intact	✓																								
Cool - Ice/Blue Ice	✓																								

APPENDIX B

Historical Data

Historical Data

NMED Action Levels		5	1000	700	10000	1	0.20	0.05
Well No.	Sample Date	Benzene (ppb)	Toluene (ppb)	Ethylbenzene (ppb)	Total Xylenes (ppb)	Iron (ppm)	Manganese (ppm)	Lead (ppm)
North Hogback 12-1 MW-1	07/20/06	NS	NS	NS	NS	NS	NS	NS
	10/13/06	4.30	2.40	3.90	12.20	NS	NS	NS
	01/11/07	ND	ND	0.20	1.50	NS	NS	NS
North Hogback 12-1 MW-2	07/20/06	NS	NS	NS	NS	NS	NS	NS
	10/13/06	5.90	3.00	7.10	15.80	NS	NS	NS
	01/11/07	0.20	17.60	5.00	46.30	NS	NS	NS
North Hogback 12-4 MW-1	07/20/06	1.20	5.90	23.40	16.70	NS	NS	NS
	10/13/06	ND	1.90	1.30	1.90	NS	NS	NS
	01/11/07	ND	51.20	26.60	118.50	NS	NS	NS
North Hogback 12-4 MW-2	07/20/06	1.60	1.80	1.60	8.70	NS	NS	NS
	10/13/06	3.10	1.60	2.80	6.70	NS	NS	NS
	01/11/07	ND	3.50	0.70	8.40	NS	NS	NS
North Hogback 12-4 MW-3	07/20/06	1.30	0.40	0.80	2.80	NS	NS	NS
	10/13/06	ND	ND	0.70	ND	NS	NS	NS
	01/11/07	ND	ND	ND	1.10	NS	NS	NS
North Hogback 12-9 MW-1	07/20/06	NS	NS	NS	NS	0.54	0.28	ND
	10/13/06	NS	NS	NS	NS	0.31	0.50	ND
	01/11/07					0.74	0.40	ND
North Hogback 12-9 MW-2	07/20/06	NS	NS	NS	NS	ND	0.22	ND
	10/13/06	NS	NS	NS	NS	0.22	0.54	ND
	01/11/07					0.46	0.55	ND

NS = Not Sampled
ND = Not Detected

APPENDIX C

Field Notes

Note well diameter if not one of the above.