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# REPORTS

DATE:
10/19/2006

# SQLUTIONS FOR A BETTER TOMORROW

October 19, 2006

Project No. 05161-003

2008 OCT 20 PM 3 35

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

Phone (505) 476-3440

RE: SECOND QUARTERLY MONITORING REPORT

Dear Mr. von Gonten:

Enclosed please find one (1) copy of the report entitled, Second Quarterly Monitoring Report. This report details the second 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.

Greg W. Crabtree, EIT

**Environmental Engineer** 

gcrabtree@envirotech-inc.com

Enclosure:

One (1) copy

# DUNCAN OIL SECOND 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 second quarterly monitoring of seven (7) monitor wells at the Duncan Oil North Hogback 12-1, 12-4, and 12-9 well sites. 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 October 2, 2006. A representative was present from the NNEPA to inspect the sampling. Previously water was not present in either monitor well at the North Hogback 12-1 well site; however, during this sampling event sufficient water was present in both monitor wells to obtain a sample. Prior to sampling a minimum of three (3) well volumes of water was 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 12-4 and 12-9 are shown on *Figure 4*. A water level map with the water gradient indicated is shown in *Figure 1* for the North Hogback 12-4 location. It appears that the groundwater is moving from east-northeast to west-southwest across the 12-4 site. Water levels for the individual wells are tabulated in **Table 1** below.

**Table 1: Water Levels** 

Tuble 1. Water Bevels					
Casing Elevation	Water Level	Water Elevation			
5025.84	17.00	5008.84			
5027.47	18.06	5009.41			
5026.12	14.94	5018.25			
5025.61	10.97	5017.48			
4966.45	6.57	4960.20			
4966.60	6.94	4959.98			
4967.44	8.8	4959.39			
	5025.84 5027.47 5026.12 5025.61 4966.45 4966.60	5025.84     17.00       5027.47     18.06       5026.12     14.94       5025.61     10.97       4966.45     6.57       4966.60     6.94			

### 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** below and laboratory certificates are presented in *Appendix C*, *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)	0.306	0.219	1.0
Manganese (ppm)	0.504	0.541	0.2
Lead (ppm)	ND	ND ·	0.050

Values in bold exceed the USEPA and NNEPA regulated level

Manganese concentrations increased by 1.8-2.4 times the values reported in the first quarter sampling event.

# 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 8021. Results from this analysis are summarized in **Table 3** below and laboratory certificates are presented in *Appendix A, Laboratory Water Sample Results*.

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

Analyte	Monitor Well #1	Monitor Well #2	Regulated Level
Benzene (ppb)	4.3	5.9	5.0
Toluene (ppb)	2.4	3.0	1,000
Ethylbenzene (ppb)	3.9	7.1	700
Total Xylenes (ppb)	12.2	15.8	10,000

Values in bold exceed the USEPA and NNEPA regulated level

Benzene was the only analyte of concern above the NNEPA regulated level at 5.9 ppb.

## 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 analyzed for in Method 8021B are all below the regulated levels. A summary of the laboratory results is presented in **Table 4** below. All the contaminants of concern are below the USEPA's regulated level for groundwater at the 12-4 site.

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	3.1	ND	5.0
Toluene (ppb)	1.9	1.6	ND	1,000
Ethylbenzene (ppb)	1.3	2.8	0.7	700
Total Xylenes (ppb)	1.9	6.7	ND	10,000

ND – indicates analyte is below the method detection limit

None of the analytes of concern analyzed for at the North Hogback 12-4 are above the regulated levels.

# SUMMARY AND CONCLUSIONS

Envirotech has completed the second 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. Envirotech recommends one (1) additional quarter of sampling at this location. At the North Hogback 12-9 location, manganese was slightly higher than the regulated level in both monitor wells at 0.504 and 0.541 ppm respectively. Envirotech recommends an additional three (3) quarters of sampling at this location. At the North Hogback 12-1 location, benzene was slightly higher than the regulated level in monitor well #2 at 5.9 ppb Envirotech recommends an additional three (3) quarters of sampling at this location.

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:

Greg Crabtree, EIT

**Environmental Engineer** 

gcrabtree@envirotech-inc.com

Jack Collins

Chief Environmental Scientist/Hydrogeologist

**NMCES #098** 

jcollins@envirotech-inc.com

CRATIFIED SCIENT

Morris Q. Young

President

NMCES #038

myoung@envirotech-inc.com

OPRIVIFIED SCIENTIS

# **FIGURES**

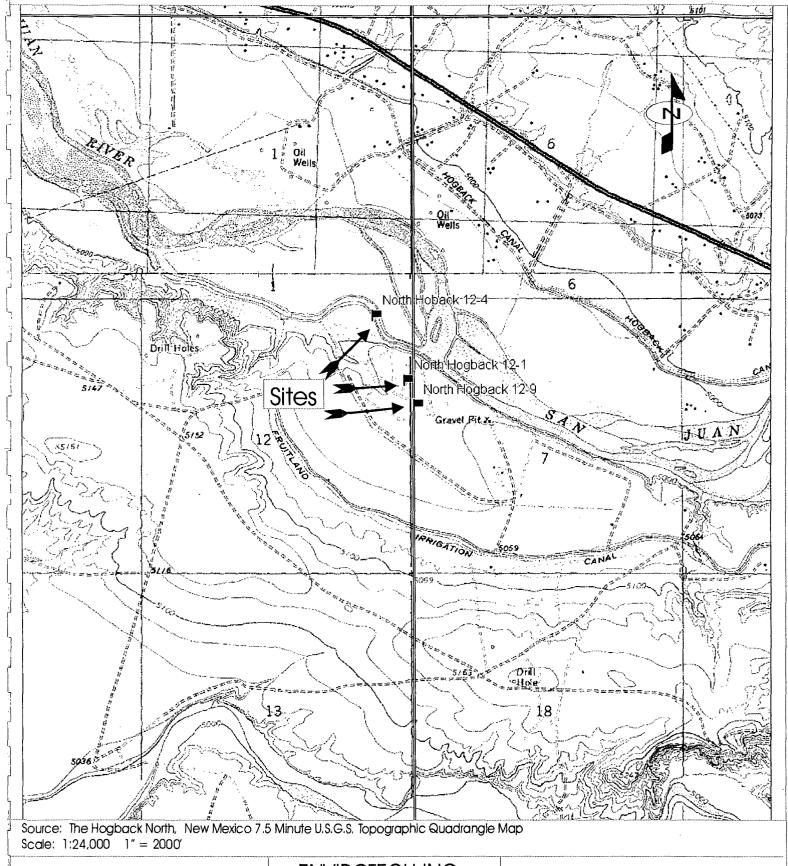
Figure 1, Vicinity Map

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



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

PROJECT No 05161-003

Date Drawn: 7/20/06

# ENVIROTECH INC.

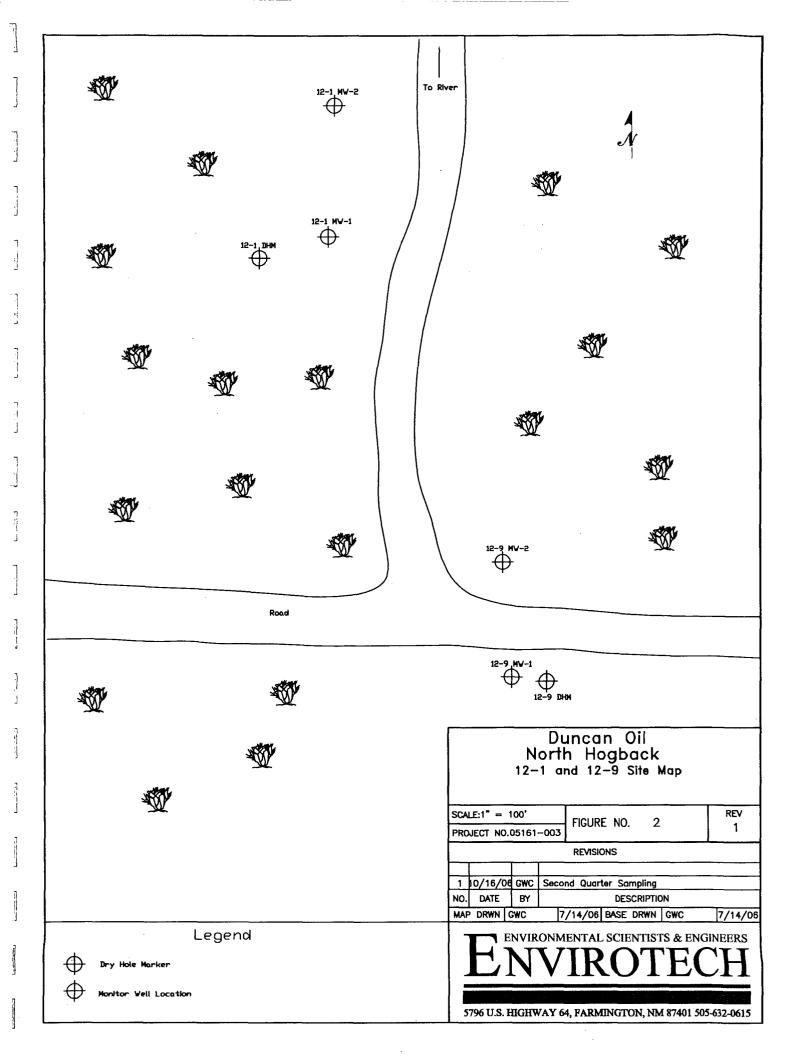
ENVIRONMENTAL SCIENTISTS & ENGINEERS 5796 U.S. HIGHWAY 64 FARMINGTON, NEW MEXICO 87401

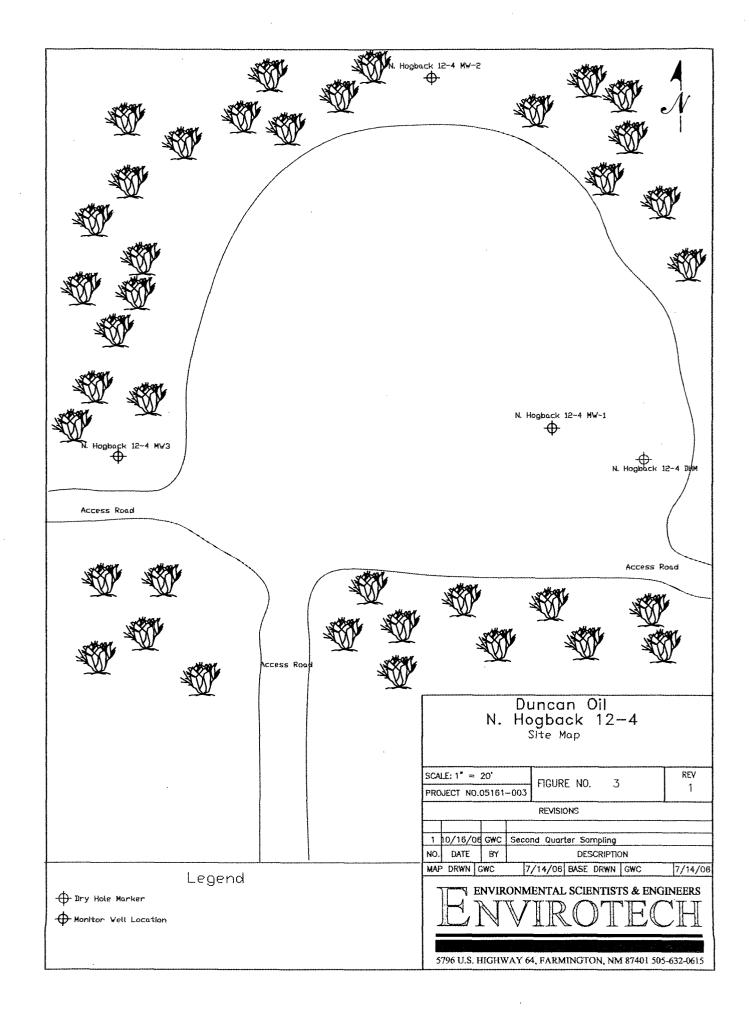
PHONE (505) 632-0615

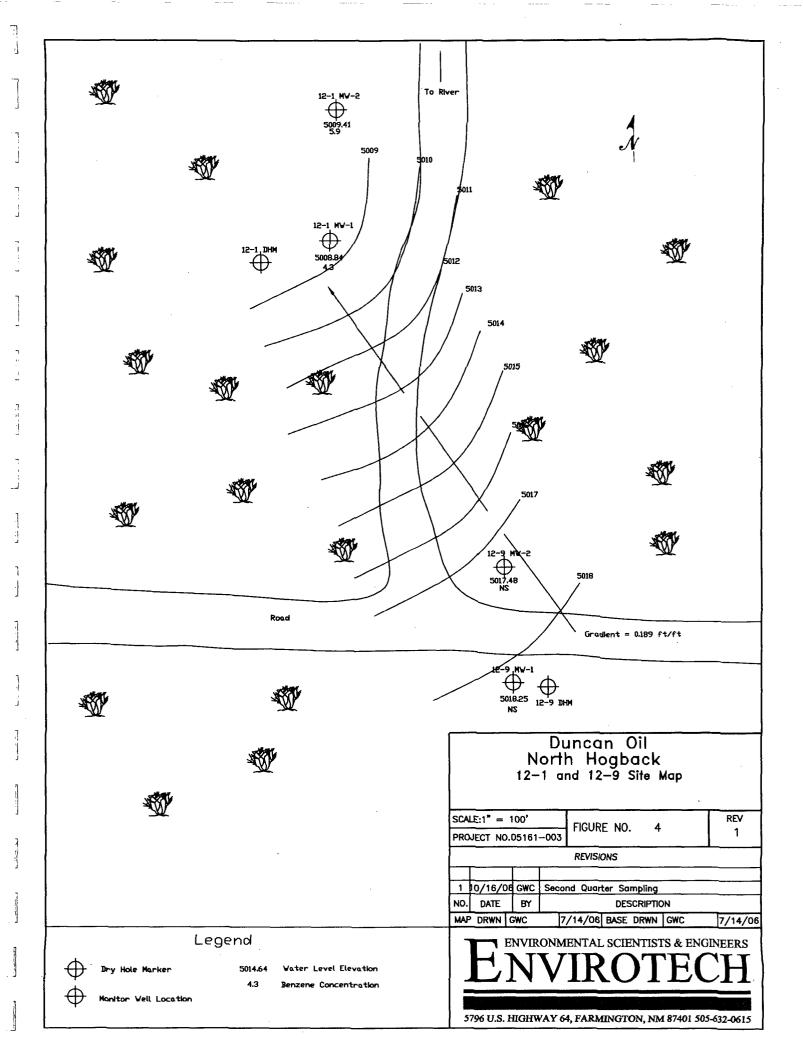
Vicinity Map

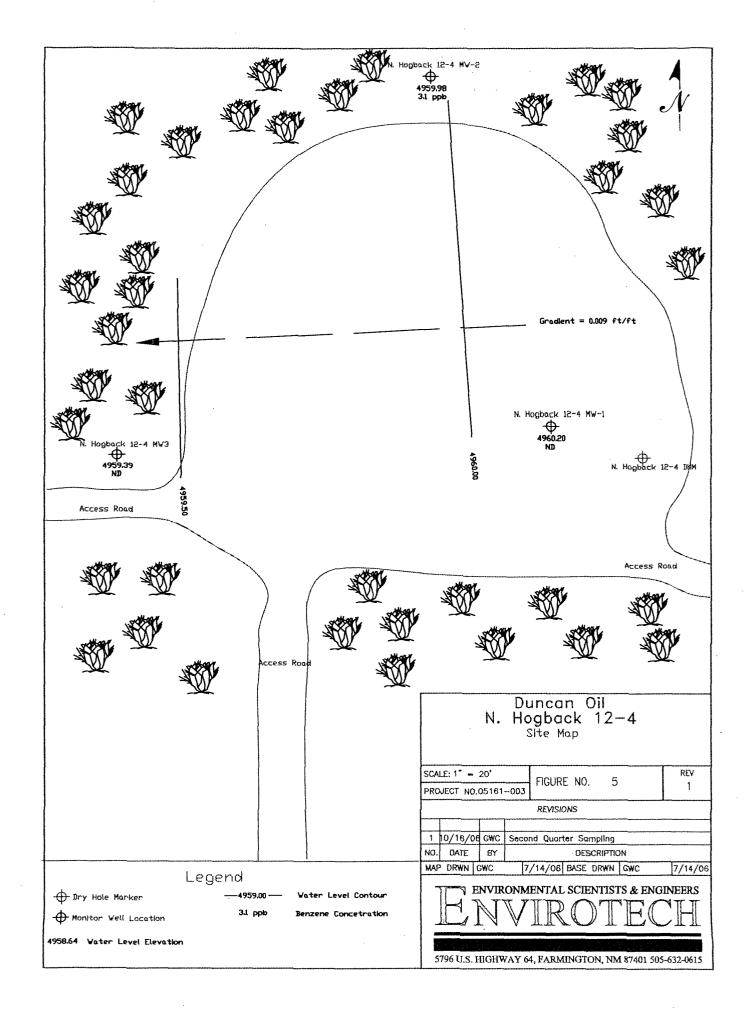
Figure 1

DRAWN BY: Greg Crabtree PROJECT MANAGER: C. Jack Collins









# APPENDIX A

Laboratory Water Sample Results

# ENVIROTECH LABS

# TRACE METAL ANALYSIS

Parameter	Concentration (mg/L)	Det. Limit (mg/L)	
Condition:	Cool & Intact	Analysis Needed:	Fe, Mn, Pb
Preservative:	Cool	Date Digested:	10-03-06
Sample Matrix:	Water	Date Analyzed:	10-04-06
Chain of Custody:	1555	Date Received:	10-02-06
Laboratory Number:	38687	Date Sampled:	10-02-06
Sample ID:	N. Hogback 12-9 MW - 1	Date Reported:	10-04-06
Client:	Duncan Oil	Project #:	05161-003

Iron	0.306	0.001
Manganese	0.504	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 Emmision

Spectorscopy, SW-846, USEPA, December 1996.

Comments:

Analyst

(Mother Walter Review



# TRACE METAL ANALYSIS

Iron	0.219	0.001	
Parameter	Concentration (mg/L)	Det. Limit (mg/L)	
Condition:	Cool & Intact	Analysis Needed:	Fe, Mn, Pb
Preservative:	Cool	Date Digested:	10-03-06
Sample Matrix:	Water	Date Analyzed:	10-04-06
Chain of Custody:	1555	Date Received:	10-02-06
Laboratory Number:	38688	Date Sampled:	10-02-06
Sample ID:	N. Hogback 12-9 MW - 2	Date Reported:	10-04-06
Client:	Duncan Oil	Project #:	05161-003

ND - Parameter not detected at the stated detection limit.

References:

Manganese

Lead

Method 3050B, Acid Digestion of Sediments, Sludges and Soils.

SW-846, USEPA, December 1996.

0.541

ND

Method 6010B, Analysis of Metals by Inductively Coupled Plasma Atomic Emmision

0.001

0.001

Spectorscopy, SW-846, USEPA, December 1996.

Comments:

Analyst

Mister Mulades
Review



# TRACE METAL ANALYSIS Quality Control / Quality Assurance Report

Client: Sample ID: Laboratory Number: Sample Matrix: Analysis Requested:	QA/QC 10-04-TM 38687 Water Fe, Mn, Pb		Project #: Date Repo Date Sam Date Reco Date Anal	pled: eived: yzed:	!	N/A 10-04-06 N/A N/A 10-04-06
Condition:	N/A		Date Dige	stea:		10-03-06
ATTENDED THE REPORT OF THE PARTY OF THE PART	trument ik (mg/L)	Detection Limit	Sample (mg/L)	Duplicate (mg/L)	State 5 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	Acceptance Range
Iron	ND	0.001	0.306	0.303	1.0%	0% - 30%
Manganese	ND	0.001	0.504	0.508	0.8%	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	0.306	0.808	100.2%	80% - 120%
Manganese	0.500	0.504	1.00	99.6%	80% - 120%
Lead	0.500	ND	0.501	100.2%	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 Emmision

Spectorscopy, SW-846, USEPA, December 1996.

Comments:

**QA/QC** for samples 38687 - 38688

Analyst

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			·
Client:	Duncan Oil	Project #:	05161-003
Sample ID:	N. Hogback 12-1 MW-1	Date Reported:	10-04-06
Chain of Custody:	1555	Date Sampled:	10-02-06
Laboratory Number:	38689	Date Received:	10-02-06
Sample Matrix:	Water	Date Analyzed:	10-04-06
Preservative:	Cool	Analysis Requested:	BTEX
Condition:	Cool & Intact		

Parameter	Concentration (ug/L)	Dilution Factor	Det. Limit (ug/L)
Benzene	4.3	1	0.2
Toluene	2.4	1	0.2
Ethylbenzene	3.9	1	0.2
p,m-Xylene	8.4	1	0.2
o-Xylene	3.8	1	0.1

Total BTEX 22.8

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:

Analyst

(Authernidaeles Review



Client: Project #: 05161-003 Duncan Oil Sample ID: N. Hogback 12-1 MW-2 Date Reported: 10-04-06 Chain of Custody: 1555 Date Sampled: 10-02-06 Laboratory Number: 38690 Date Received: 10-02-06 Sample Matrix: Water Date Analyzed: 10-04-06 Analysis Requested: Preservative: Cool BTEX Condition: Cool & Intact

Parameter	Concentration (ug/L)	Dilution Factor	Det. Limit (ug/L)
			•
Benzene	5.9	1	0.2
Toluene	3.0	1	0.2
Ethylbenzene	7.1	1	0.2
p,m-Xylene	10.7	1	0.2
o-Xylene	5.1	1	0.1

Total BTEX 31.8

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:

Analyst

Review



05161-003 Client: Duncan Oil Project #: Date Reported: 10-04-06 Sample ID: H, Hogback 12-4 MW-2 Chain of Custody: 1555 Date Sampled: 10-02-06 Laboratory Number: 38691 Date Received: 10-02-06 10-04-06 Sample Matrix: Water Date Analyzed: Analysis Requested: BTEX Preservative: Cool

Cool & Intact

Parameter	Concentration (ug/L)	Dilution Factor	Det. Limit (ug/L)
Benzene	3.1	1	0.2
Toluene	1.6	1	0.2
Ethylbenzene	2.8	1	0.2
p,m-Xylene	4.4	1	0.2
o-Xylene	2.3	1	0.1

Total BTEX 14.2

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:

Condition:

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:

Analyst P. Rylins

(hustre m Walter Review



Client: Duncan Oil Project #: 05161-003 Sample ID: H, Hogback 12-4 MW-3 Date Reported: 10-04-06 Chain of Custody: 1555 Date Sampled: 10-02-06 Laboratory Number: 38692 Date Received: 10-02-06 10-04-06 Sample Matrix: Water Date Analyzed: Analysis Requested: **BTEX** Preservative: Cool

Cool & Intact

Parameter	Concentration (ug/L)	Dilution Factor	Det. Limit (ug/L)
1 arameter	(ug/L)	1 dotoi	(ug/L)
Benzene	ND	. <b>1</b>	0.2
Toluene	ND	1	0.2
Ethylbenzene	0.7	1	0.2
p,m-Xylene	ND	1	0.2
o-Xylene	ND	1	0.1

Total BTEX 0.7

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:

Condition:

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:

Analyst C. Capuan

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Review



Project #: Client: Duncan Oil 05161-003 Sample iD: H, Hogback 12-4 MW-1 Date Reported: 10-04-06 1555 Date Sampled: 10-02-06 Chain of Custody: Date Received: 10-02-06 Laboratory Number: 38693 10-04-06 Date Analyzed: Sample Matrix: Water Preservative: Cool Analysis Requested: BTEX

Cool & Intact

Parameter	Concentration (ug/L)	Dilution Factor	Det. Limit (ug/L)
Benzene	ND -	1	0.2
Toluene	1.9	1	0.2
Ethylbenzene	1.3	1	0.2
p,m-Xylene	0.9	1	0.2
o-Xylene	1.0	1	0.1

Total BTEX 5.1

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:

Condition:

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:

Alexan C. Columnar

Anistre m Walter Review



# EPA METHOD 8021 AROMATIC VOLATILE ORGANICS QUALITY ASSURANCE REPORT

Client:	N/A		Proiect #:		N/A	
Sample ID:	10-04-BTEX QA/0		Date Reported:		10-04-06	
Laboratory Number:	38689		Date Sampled:	N/A		
Sample Matrix:	Water		Date Received:	N/A		
Preservative:	N/A		Date Analyzed:		10-04-06	
Condition:	N/A		Analysis:	BTEX		
Calibration and Detection Limits (ug/L)	I-Cal <sup>®</sup> RF:	C-Cal RF: Accept Rang	∞ %Diff. ge 0 - 15%	Blank Conc	Detect. Limit	
Benzene	5.0672E+007	5.0825E+007	0.30%	ND	0.2	
Toluene	6.5864E+007	6.6062E+007	0.30%	ND	0.2	
Ethylbenzene	2.5131E+007	2.5206E+007	0.30%	ND	0.2	
p,m-Xylene	1.1679E+008	1.1714E+008	0.30%	ND	0.2	
o-Xylene	5.7293E+007	5.7466E+007	0.30%	ND	0.1	
•						
Duplicate Conc. (ug/L)  Benzene Toluene Ethylbenzene p,m-Xylene o-Xylene	4.3 2.4 3.9 8.4 3.8	4.3 2.4 3.9 8.3 3.8	%Diff. 0.0% 0.0% 0.0% 0.5% 0.0%	Accept Limit  0 - 30%  0 - 30%  0 - 30%  0 - 30%  0 - 30%		
Benzene Toluene Ethylbenzene p,m-Xylene	4.3 2.4 3.9 8.4	4.3 2.4 3.9 8.3	0.0% 0.0% 0.0% 0.5% 0.0%	0 - 30% 0 - 30% 0 - 30% 0 - 30%	Accept Limit	
Benzene Toluene Ethylbenzene p,m-Xylene o-Xylene Spike Conc. (ug/L)	4.3 2.4 3.9 8.4 3.8	4.3 2.4 3.9 8.3 3.8	0.0% 0.0% 0.0% 0.5% 0.0% Spiked Sample	0 - 30% 0 - 30% 0 - 30% 0 - 30% 0 - 30%	Accept Limit	
Benzene Toluene Ethylbenzene p,m-Xylene o-Xylene Spike Conc. (ug/L)	4.3 2.4 3.9 8.4 3.8	4.3 2.4 3.9 8.3 3.8	0.0% 0.0% 0.0% 0.5% 0.0%	0 - 30% 0 - 30% 0 - 30% 0 - 30% 0 - 30%	, i provincia ma provincia di si	
Benzene Toluene Ethylbenzene p,m-Xylene o-Xylene  Spike Conc. (ug/L) Benzene Toluene	4.3 2.4 3.9 8.4 3.8	4.3 2.4 3.9 8.3 3.8 Amount Spiked	0.0% 0.0% 0.0% 0.5% 0.0% Spiked Sample	0 - 30% 0 - 30% 0 - 30% 0 - 30% 0 - 30%	39 - 150	
Benzene Toluene Ethylbenzene p,m-Xylene o-Xylene	4.3 2.4 3.9 8.4 3.8 Sample 4.3 2.4	4.3 2.4 3.9 8.3 3.8 Amount Spiked 50.0 50.0	0.0% 0.0% 0.0% 0.5% 0.0% Spiked Sample	0 - 30% 0 - 30% 0 - 30% 0 - 30% 0 - 30%	39 - 150 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 sample 38689 - 38693, 38700

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Review

# CHAIN OF CUSTODY RECORD

ΝŽ 52.0 Time 2 Remarks Oate 16/206 Sample Receipt Cool - Ice/Blue Ice Received Intact ANALYSIS / PARAMETERS BUSIB 7 1 ENVIROTECH INC. Received by: (Signature) Received by: (Signature) Received by: (Signature) Farmington, New Mexico 87401 80109 1 5796 U.S. Highway 64 Containers (505) 632-0615 No. of Time (725) Sample Matrix WATER 05161-003 Project Location 38692 Lab Number 39688 38689 38687 38690 38693 38691 Client No. Sample Time 1320 3641 1403 1505 58 1251 5751 00/2/01 10/2/06 Sample 2/2/01 volator Pelon 00/2/01 Date Polisher Relinquikhed by: (Signature)/ Relinquished by: (Signature) Relinquished by: (Signature) Duncker OI Client / Project Name Sampler: Hagback 12-4 M. Sharback 12-1 1. HOYENCK 12-9 MW-2-4 N Horpman 12-4 M. Hoymack. 12-1 21. HOYBACK 12-1 Identification Sample No./ H. Hogback 12-4 FIW-2 1-1-1-1-1 N W - 1

in M

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# APPENDIX B

Field Notes and Inspection Forms

## ENVIROTECH INC.

# FARMINGTON, NM 5796 HIGHWAY 64 MONITOR WELL DATA

Date: 10/2/06	Project No: 05161-003
Project Name: Duncan 0:1	Chain of Custody No:
Location: N. Hogback	
Project Manager: Gwc	Sampler: GW-

# MONITOR WELL DATA

# WETT	TIME	D.O. mg/L	pН	COND. µS	TEMP. °C	DEPTH TO WATER FT.	TOTAL DEPTH FT.	WATER COLUMN FT.	BAILED Water Gal.	PRODUCT Ft.	WATER LEVEL FT.
12-9 MW-1	1236		7.22	1.96	22,3	7.87	21.26	13.	6.5		
12-9 Mw-2 12-4	1317		7.43	1.78	21.8	8.13	15.34	7.21	3,5		
12-4 11W-1	1402		0.60	3.4	22.2	17.00	21.14	4,14	2.6		
2-1 MMZ	1430		6.78	3.48	23.1	i8.06	20.9p	29	1,4		
MW-2 12-4	1505		691	3.59	23,4	6,62	11.95	5.33	2.6		
12-4	1527	]	1.09	3.27	24.1	8,05	11,50	3.45	1.7		
NW-1	1545		10,99	2.70	23.5	6.25	9.98	3.73	1.8		
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			<u> </u>								
		<u> </u>									
						4					<u> </u>

Notes: TOC = Top of Casing

Bailed = 3 well volummes:

1.25" well = 0.19 gal/ft.

2.00" well = 0.49 gal/ft.

4.00" well = 1.96 gal/ft.

Note well diameter if not one of the above.

# U.S. ENVIRONMENTAL PROTECTION AGENCY

# **NOTICE OF INSPECTION**

Address (EPA Regional Of Region 9 Environmental Inspection 75 Hawthorne Stree San Francisco, CA 94105	Agency (NWEPA-Surface & Groundwiter	Firm To Be Inspected
Date John of Dusc		
Hour	Notice of inspection is hereby given according Safe Drinking Water Act (42 U.S.C. §300 f et se	to Section 1445(b) of the g.).
For the purpose and obtaining s underground in the Safe Drinkin	e of inspecting records, files, papers, processes, co samples to determine whether the person subject to jection control program has acted or is acting in cong Water Act and any applicable permit or rule.	ontrols and facilities, o an applicable ompliance with
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	141 anyles taken	
Sile Khaji	and T Dinerous pott A.	
Trenge Car Fileton 12	J.S.C. §300 j-4 (b) is quoted on the reverse of this form.	
	spection is hereby acknowledged.	
Firm Representative	Date	Inspector