3R - 137

REPORTS

DATE:
10/19/2006

ENVIROTECH INC.

PRACTICAL SOLUTIONS FOR A BETTER TOMORROW

3RP0141
3RP0137

October 19, 2006

Project No. 05161-003

2006 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

TABLE OF CONTENTS

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

Name	Casing Elevation	Water Level	Water Elevation
N. Hogback 12-1 MW-1	5025.84	17.00	5008.84
N. Hogback 12-1 MW-2	5027.47	18.06	5009.41
N. Hogback 12-9 MW-1	5026.12	14.94	5018.25
N. Hogback 12-9 MW-2	5025.61	10.97	5017.48
N. Hogback 12-4 MW-1	4966.45	6.57	4960.20
N. Hogback 12-4 MW-2	4966.60	6.94	4959.98
N. Hogback 12-4 MW-3	4967.44	8.8	4959.39

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
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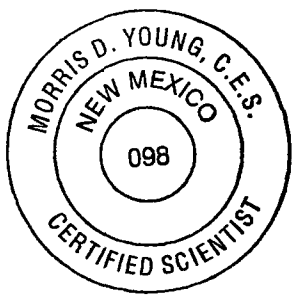
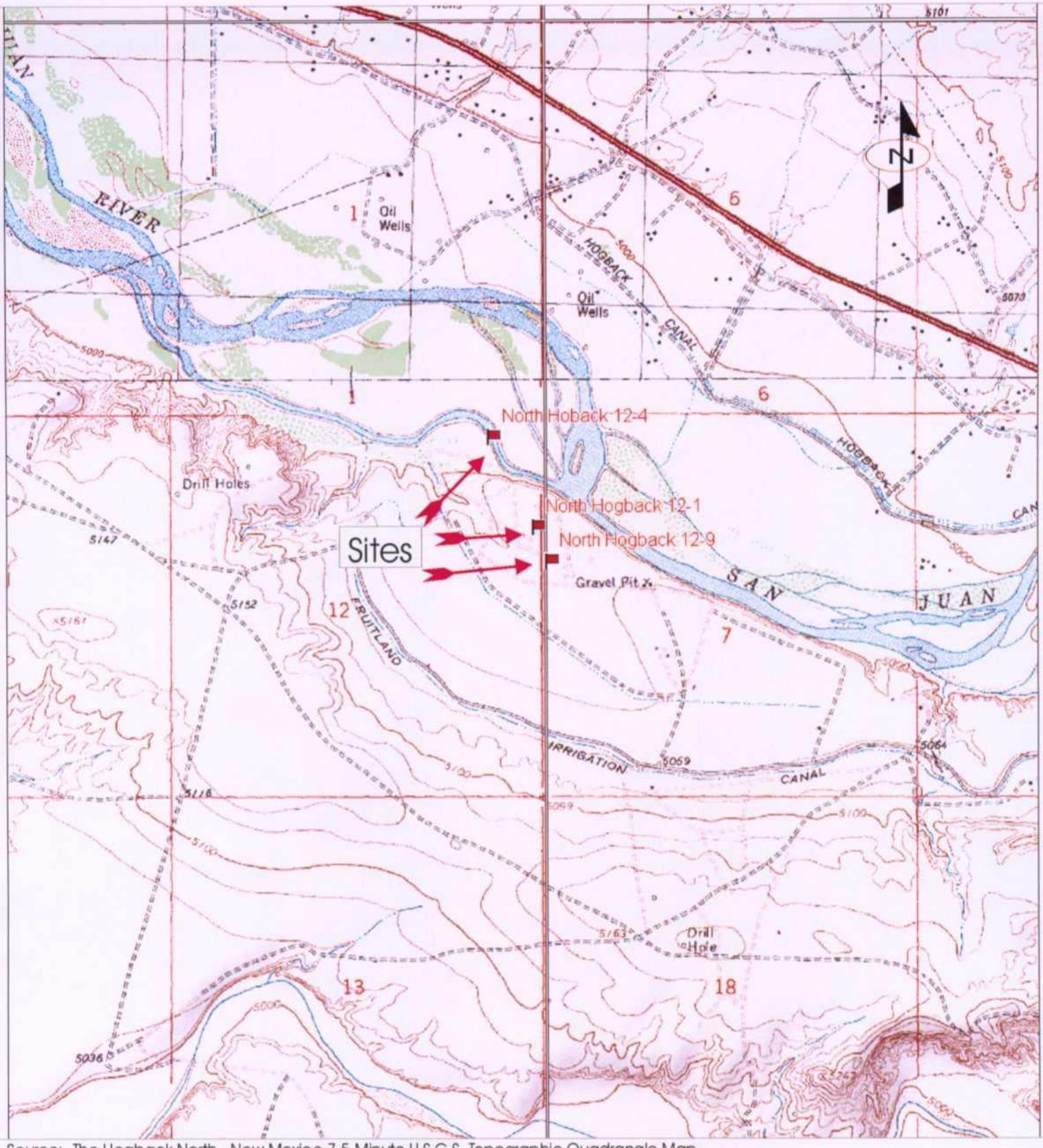


FIGURES



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

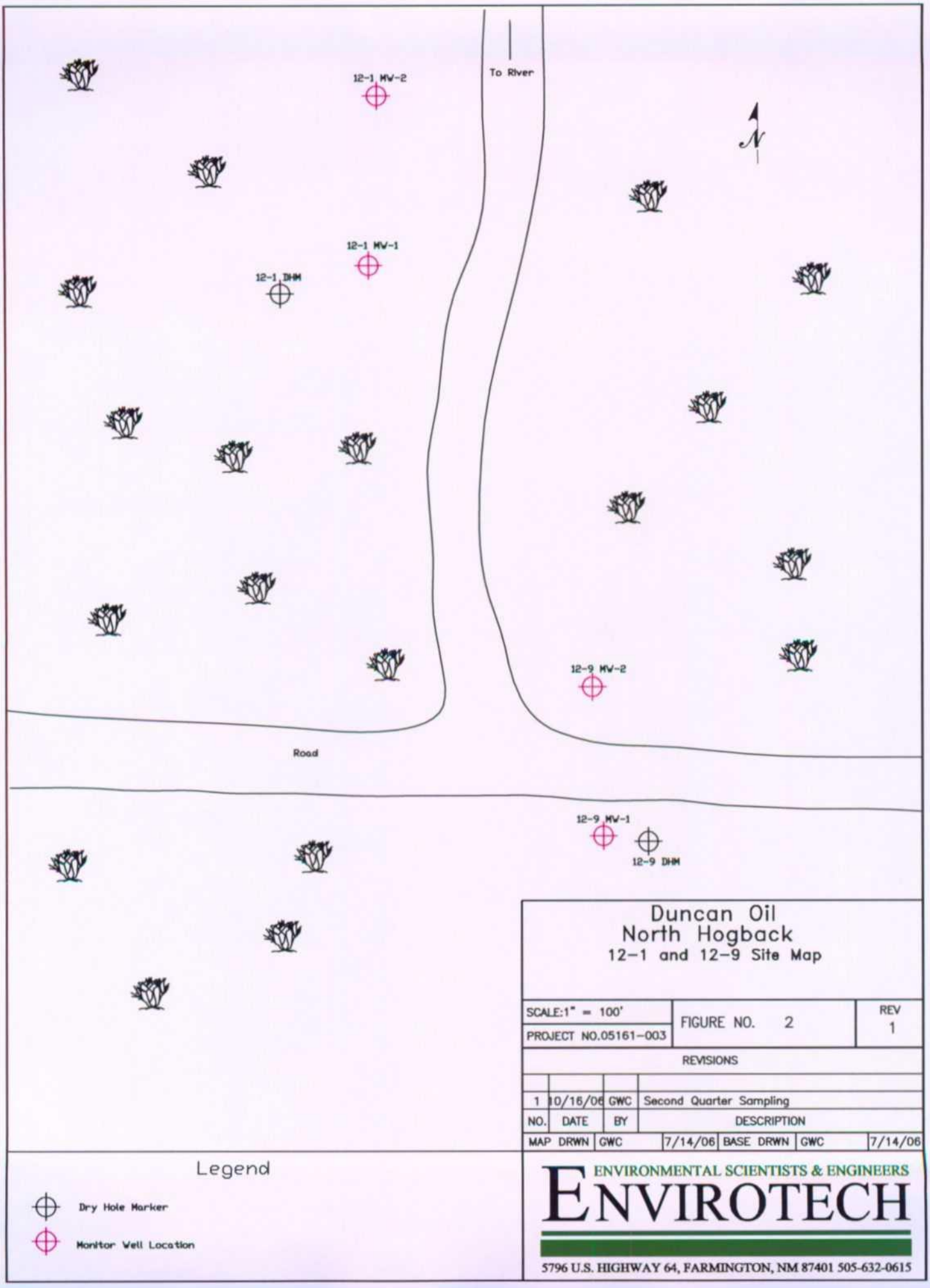
PROJECT No 05161-003 | Date Drawn: 7/20/06

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



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

SCALE:1" = 100'	FIGURE NO. 2	REV 1
PROJECT NO.05161-003		

REVISIONS

NO.	DATE	BY	DESCRIPTION
1	10/16/06	GWC	Second Quarter Sampling

MAP DRWN	GWC	7/14/06	BASE DRWN	GWC	7/14/06

Legend

- Dry Hole Marker
- Monitor Well Location

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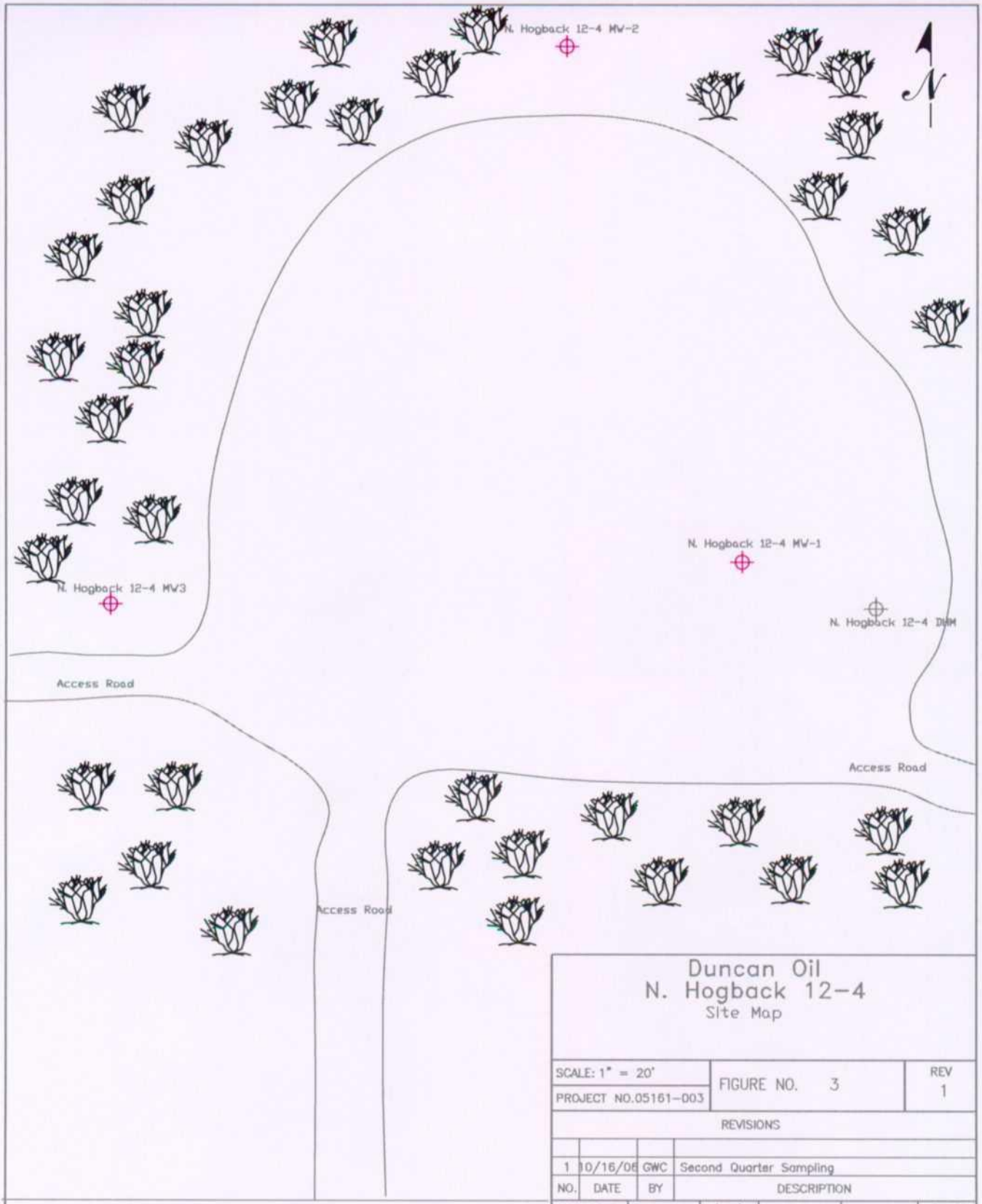

Duncan Oil
N. Hogback 12-4
Site Map

SCALE: 1" = 20'	FIGURE NO. 3	REV 1
PROJECT NO.05161-003		

REVISIONS

NO.	DATE	BY	DESCRIPTION
1	10/16/06	GWC	Second Quarter Sampling

MAP DRWN	GWC	7/14/06	BASE DRWN	GWC	7/14/06

Legend

- Dry Hole Marker
- Monitor Well Location

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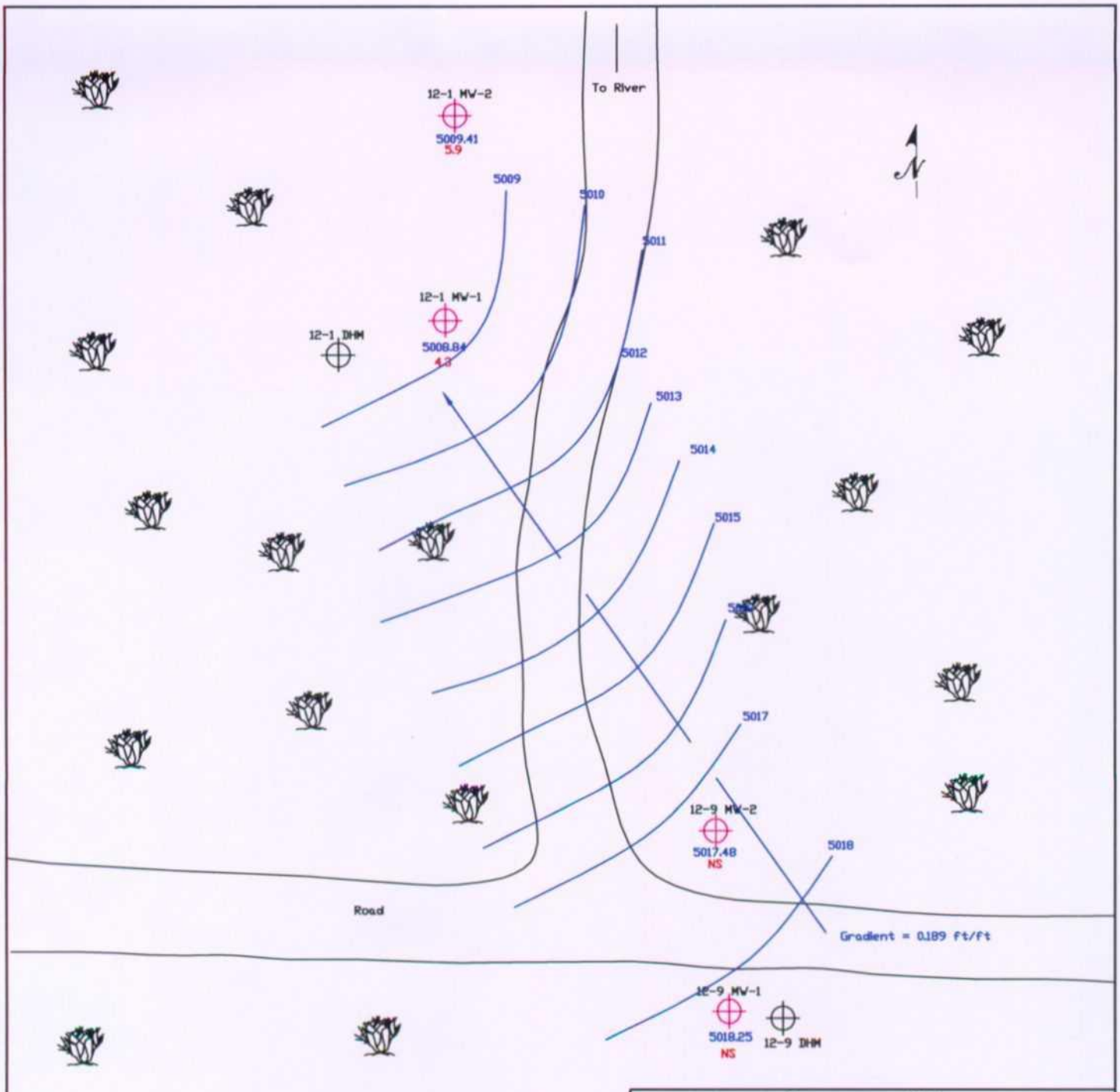

Duncan Oil
North Hogback
12-1 and 12-9 Site Map

SCALE:1" = 100'	FIGURE NO. 4	REV 1
PROJECT NO.05161-003		

REVISIONS

NO.	DATE	BY	DESCRIPTION
1	10/16/06	GWC	Second Quarter Sampling

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

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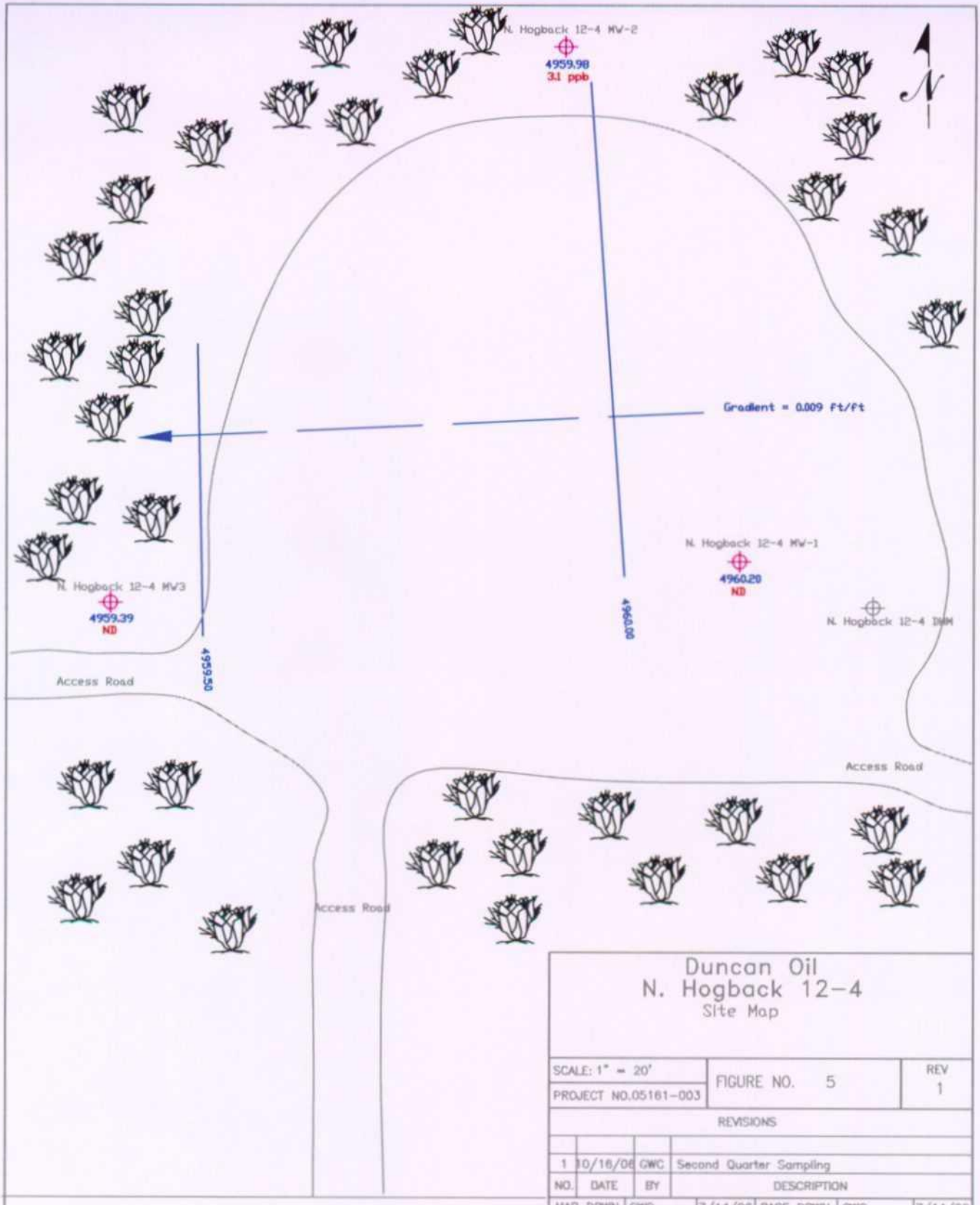

Duncan Oil
N. Hogback 12-4
Site Map

SCALE: 1" = 20'	FIGURE NO. 5	REV 1
PROJECT NO.05161-003		

REVISIONS

NO.	DATE	BY	DESCRIPTION
1	10/16/06	GWC	Second Quarter Sampling

MAP DRWN	GWC	7/14/06	BASE DRWN	GWC	7/14/06

Legend

- Dry Hole Marker
- Monitor Well Location
- 4958.64 Water Level Elevation
- 4959.00 Water Level Contour
- 3.1 ppb Benzene Concetration

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ENVIROTECH
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 #:	05161-003
Sample ID:	N. Hogback 12-9 MW - 1	Date Reported:	10-04-06
Laboratory Number:	38687	Date Sampled:	10-02-06
Chain of Custody:	1555	Date Received:	10-02-06
Sample Matrix:	Water	Date Analyzed:	10-04-06
Preservative:	Cool	Date Digested:	10-03-06
Condition:	Cool & Intact	Analysis Needed:	Fe, Mn, Pb

Parameter	Concentration (mg/L)	Det. Limit (mg/L)
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

Review

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PRACTICAL SOLUTIONS FOR A BETTER TOMORROW

TRACE METAL ANALYSIS

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

Parameter	Concentration (mg/L)	Det. Limit (mg/L)
Iron	**0.219**	**0.001**
Manganese	**0.541**	**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

Review

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PRACTICAL SOLUTIONS FOR A BETTER TOMORROW

TRACE METAL ANALYSIS
Quality Control / Quality Assurance Report

Client:	QA/QC	Project #:	N/A
Sample ID:	10-04-TM QA/QC	Date Reported:	10-04-06
Laboratory Number:	38687	Date Sampled:	N/A
Sample Matrix:	Water	Date Received:	N/A
Analysis Requested:	Fe, Mn, Pb	Date Analyzed:	10-04-06
Condition:	N/A	Date Digested:	10-03-06

Blank & Duplicate Conc. (mg/L)	Instrument Blank (mg/L)	Detection Limit	Sample (mg/L)	Duplicate (mg/L)	% Diff.	Acceptance Range
Iron	**ND**	**0.001**	**0.306**	**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**

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ENVIROTECH LABS

PRACTICAL SOLUTIONS FOR A BETTER TOMORROW

EPA METHOD 8021
AROMATIC VOLATILE ORGANICS

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:

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ENVIROTECH LABS

PRACTICAL SOLUTIONS FOR A BETTER TOMORROW

EPA METHOD 8021
AROMATIC VOLATILE ORGANICS

Client:	Duncan Oil	Project #:	05161-003
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
Preservative:	Cool	Analysis Requested:	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

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ENVIROTECH LABS

PRACTICAL SOLUTIONS FOR A BETTER TOMORROW

EPA METHOD 8021
AROMATIC VOLATILE ORGANICS

Client:	Duncan Oil	Project #:	05161-003
Sample ID:	H, Hogback 12-4 MW-2	Date Reported:	10-04-06
Chain of Custody:	1555	Date Sampled:	10-02-06
Laboratory Number:	38691	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	**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: 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

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ENVIROTECH LABS

PRACTICAL SOLUTIONS FOR A BETTER TOMORROW

EPA METHOD 8021
AROMATIC VOLATILE ORGANICS

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
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	**ND**	**1**	**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: 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

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ENVIROTECH LABS

PRACTICAL SOLUTIONS FOR A BETTER TOMORROW™

EPA METHOD 8021
AROMATIC VOLATILE ORGANICS

Client:	Duncan Oil	Project #:	05161-003
Sample ID:	H, Hogback 12-4 MW-1	Date Reported:	10-04-06
Chain of Custody:	1555	Date Sampled:	10-02-06
Laboratory Number:	38693	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	**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: 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

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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:	10-04-BTEX QA/QC	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 RF:	C-Cal RF:	%Diff. Accept. Range 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)	Sample	Duplicate	%Diff.	Accept Limit
Benzene	**4.3**	**4.3**	**0.0%**	**0 - 30%**
Toluene	**2.4**	**2.4**	**0.0%**	**0 - 30%**
Ethylbenzene	**3.9**	**3.9**	**0.0%**	**0 - 30%**
p,m-Xylene	**8.4**	**8.3**	**0.5%**	**0 - 30%**
o-Xylene	**3.8**	**3.8**	**0.0%**	**0 - 30%**

Spike Conc. (ug/L)	Sample	Amount Spiked	Spiked Sample	% Recovery	Accept Limits
Benzene	**4.3**	**50.0**	**54.2**	**99.8%**	**39 - 150**
Toluene	**2.4**	**50.0**	**52.3**	**99.8%**	**46 - 148**
Ethylbenzene	**3.9**	**50.0**	**53.8**	**99.8%**	**32 - 160**
p,m-Xylene	**8.4**	**100**	**108**	**99.8%**	**46 - 148**
o-Xylene	**3.8**	**50.0**	**53.7**	**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 sample 38689 - 38693, 38700**

Analyst

Review

5796 U.S. Highway 64 • Farmington, NM 87401 • Tel 505 • 632 • 0615 • Fax 505 • 632 • 1865

CHAIN OF CUSTODY RECORD

Client / Project Name	Project Location	ANALYSIS / PARAMETERS
	05161-003	
Sampler:	Client No.	

Sample No./ identification	Sample Date	Sample Time	Lab Number	Sample Matrix	No. of Containers	8010B	8021B					Remarks
	10/2/06	1305	38687	WATER	1	✓						
	10/2/06	1320	38688			✓						
	10/2/06	1403	38689				✓					
	10/2/06	1430	38690				✓					
	10/2/06	1505	38691				✓					
	10/2/06	1527	38692				✓					
	10/2/06	1545	38693				✓					

Relinquished by: (Signature)	Date	Time	Received by: (Signature)	Date	Time
	10/2/06	1725		10/2/06	1725
Relinquished by: (Signature)			Received by: (Signature)		
Relinquished by: (Signature)			Received by: (Signature)		

ENVIROTECH INC.

5796 U.S. Highway 64
Farmington, New Mexico 87401
(505) 632-0615

Sample Receipt	Y	N	N/A
Received Intact	✓		
Cool - Ice/Blue Ice	✓		

APPENDIX B

Field Notes and Inspection Forms

Date: 10/2/06 Project #: 05161-003

Project Name: Duncan 0.1 Chain of Custody #:

Location: N. Hogback

Project Manager: GWC Sampler: GWC

MONITOR WELL DATA

WELL #	TIME	D.O. mg/L	pH	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	1317		7.43	1.78	21.8	8.13	15.34	7.21	3.5		
12-4 MW-1	1402		6.60	3.21	22.2	17.00	21.14	4.14	2.0		
2-1 MW2	1430		6.78	3.98	23.1	18.06	20.96	2.9	1.4		
12-4 MW-2	1505		6.91	3.59	23.4	6.02	11.95	5.33	2.6		
12-4 MW-3	1527		7.09	3.27	24.1	8.05	11.50	3.45	1.7		
1-4 MW-1	1545		6.99	2.70	23.5	6.25	9.98	3.73	1.8		

Notes: TOC = Top of Casing
Bailed = 3 well volumes:
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 Office)	Inspection Contractor	Firm To Be Inspected
Region 9 Environmental Inspection Agency 75 Hawthorne Street (WTR-9) San Francisco, CA 94105	[illegible] Protection Dept. P.O. Box [illegible] Shiprock, [illegible] 87420-1999	

Date	Notice of inspection is hereby given according to Section 1445(b) of the Safe Drinking Water Act (42 U.S.C. §300 f et seg.).
Hour	

Reason For Inspection

For the purpose of inspecting records, files, papers, processes, controls and facilities, and obtaining samples to determine whether the person subject to an applicable underground injection control program has acted or is acting in compliance with the Safe Drinking Water Act and any applicable permit or rule.

Section 1445(b) of the SDWA (42 U.S.C. §300 j-4 (b) is quoted on the reverse of this form.

Receipt of this Notice of Inspection is hereby acknowledged.

Firm Representative	Date	Inspector

USEPA - Region IX (White) *NEPA-GPCP (Yellow)* *Operator (Pink)*