

Monzeglio, Hope, NMENV

From: Steve Morris [smorris@giant.com]
Sent: Monday, April 10, 2006 11:08 AM
To: Chavez, Carl J, EMNRD; Monzeglio, Hope, NMENV; Cobrain, Dave, NMENV; Price, Wayne, EMNRD
Cc: Jim Lieb; Ed Riege
Subject: North East OCD Landfarm 1st Quarter 2006 samples.

The soil sample taken on 3/29/2006 from the Northeast OCD Landfarm #137 had 3700 mg/Kg Diesel Range Organics. This is one of two quarterly samples for the first quarter of 2006.

It would appear that I made an error with regard to the collection of this sample.

I would like to resample the same location to verify that.

If you have any questions, please let me know.

Thanks,
Steve Morris

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4/24/2006

COVER LETTER

Friday, April 07, 2006

Steve Morris
Giant Refining Co
Rt. 3 Box 7
Gallup, NM 87301
TEL: (505) 722-3833
FAX (505) 722-0210

RE: Northeast OCD Landfarm 1st Qtr 2006

Order No.: 0603348

Dear Steve Morris:

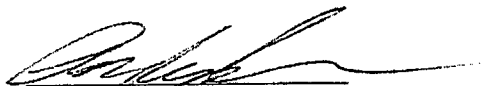
Hall Environmental Analysis Laboratory received 2 sample(s) on 3/31/2006 for the analyses presented in the following report.

These were analyzed according to EPA procedures or equivalent.

Reporting limits are determined by EPA methodology. No determination of compounds below these (denoted by the ND or < sign) has been made.

Please don't hesitate to contact HEAL for any additional information or clarifications.

Sincerely,



Andy Freeman, Business Manager
Nancy McDuffie, Laboratory Manager

AZ license # AZ0682
ORELAP Lab # NM100001



Hall Environmental Analysis Laboratory

Date: 07-Apr-06

CLIENT: Giant Refining Co
Lab Order: 0603348
Project: Northeast OCD Landfarm 1st Qtr 2006
Lab ID: 0603348-01

Client Sample ID: NE Landfarm #54-1st Qtr
Collection Date: 3/29/2006 9:30:00 AM
Date Received: 3/31/2006
Matrix: SOIL

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
EPA METHOD 8015B: DIESEL RANGE ORGANICS						Analyst: SCC
Diesel Range Organics (DRO)	180	10		mg/Kg	1	4/6/2006 11:38:43 PM
Motor Oil Range Organics (MRO)	ND	50		mg/Kg	1	4/6/2006 11:38:43 PM
Surr: DNOP	98.9	60-124		%REC	1	4/6/2006 11:38:43 PM
EPA METHOD 8015B: GASOLINE RANGE						Analyst: NSB
Gasoline Range Organics (GRO)	ND	50		mg/Kg	10	4/5/2006 9:26:55 PM
Surr: BFB	107	79-128		%REC	10	4/5/2006 9:26:55 PM
EPA METHOD 8021B: VOLATILES						Analyst: NSB
Methyl tert-butyl ether (MTBE)	ND	1.0		mg/Kg	10	4/5/2006 9:26:55 PM
Benzene	ND	0.50		mg/Kg	10	4/5/2006 9:26:55 PM
Toluene	ND	0.50		mg/Kg	10	4/5/2006 9:26:55 PM
Ethylbenzene	ND	0.50		mg/Kg	10	4/5/2006 9:26:55 PM
Xylenes, Total	ND	0.50		mg/Kg	10	4/5/2006 9:26:55 PM
Surr: 4-Bromofluorobenzene	100	84.4-117		%REC	10	4/5/2006 9:26:55 PM

Qualifiers: * Value exceeds Maximum Contaminant Level
 E Value above quantitation range
 J Analyte detected below quantitation limits
 S Spike Recovery outside accepted recovery limits

B Analyte detected in the associated Method Blank
 H Holding times for preparation or analysis exceeded
 ND Not Detected at the Reporting Limit

Hall Environmental Analysis Laboratory

Date: 07-Apr-06

CLIENT:	Giant Refining Co	Client Sample ID:	NE Landfarm #137-1st Qtr
Lab Order:	0603348	Collection Date:	3/29/2006 9:45:00 AM
Project:	Northeast OCD Landfarm 1st Qtr 2006	Date Received:	3/31/2006
Lab ID:	0603348-02	Matrix:	SOIL

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
EPA METHOD 8015B: DIESEL RANGE ORGANICS						Analyst: SCC
Diesel Range Organics (DRO)	3700	100		mg/Kg	10	4/7/2006 12:11:44 AM
Motor Oil Range Organics (MRO)	ND	500		mg/Kg	10	4/7/2006 12:11:44 AM
Surr: DNOP	94.4	60-124		%REC	10	4/7/2006 12:11:44 AM
EPA METHOD 8015B: GASOLINE RANGE						Analyst: NSB
Gasoline Range Organics (GRO)	ND	50		mg/Kg	10	4/5/2006 9:54:53 PM
Surr: BFB	115	79-128		%REC	10	4/5/2006 9:54:53 PM
EPA METHOD 8021B: VOLATILES						Analyst: NSB
Methyl tert-butyl ether (MTBE)	ND	1.0		mg/Kg	10	4/5/2006 9:54:53 PM
Benzene	ND	0.50		mg/Kg	10	4/5/2006 9:54:53 PM
Toluene	ND	0.50		mg/Kg	10	4/5/2006 9:54:53 PM
Elhylbenzene	ND	0.50		mg/Kg	10	4/5/2006 9:54:53 PM
Xylenes, Total	ND	0.50		mg/Kg	10	4/5/2006 9:54:53 PM
Surr: 4-Bromofluorobenzene	103	84.4-117		%REC	10	4/5/2006 9:54:53 PM

Qualifiers:	* Value exceeds Maximum Contaminant Level	B Analyte detected in the associated Method Blank
	E Value above quantitation range	H Holding times for preparation or analysis exceeded
	J Analyte detected below quantitation limits	ND Not Detected at the Reporting Limit
	S Spike Recovery outside accepted recovery limits	

CLIENT: Giant Refining Co
 Work Order: 0603348
 Project: Northeast OCD Landfarm 1st Qtr 2006

ANALYTICAL QC SUMMARY REPORT

TestCode: 8015DRO_S

Sample ID: MB-10113	SampType: MBLK	TestCode: 8015DRO_S	Units: mg/Kg	Prep Date: 4/4/2006	RunNo: 18818						
Client ID: ZZZZ	Batch ID: 10113	TestNo: SW8015		Analysis Date: 4/5/2006	SeqNo: 467263						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Diesel Range Organics (DRO)	ND	10									
Motor Oil Range Organics (MRO)	ND	50									

Sample ID: LCS-10113	SampType: LCS	TestCode: 8015DRO_S	Units: mg/Kg	Prep Date: 4/4/2006	RunNo: 18818						
Client ID: ZZZZ	Batch ID: 10113	TestNo: SW8015		Analysis Date: 4/5/2006	SeqNo: 467264						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Diesel Range Organics (DRO)	41.47	10	50	0	82.9	67.4	117				

Sample ID: LCSD-10113	SampType: LCSD	TestCode: 8015DRO_S	Units: mg/Kg	Prep Date: 4/4/2006	RunNo: 18818						
Client ID: ZZZZ	Batch ID: 10113	TestNo: SW8015		Analysis Date: 4/5/2006	SeqNo: 467265						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Diesel Range Organics (DRO)	38.68	10	50	0	77.4	67.4	117	41.47	6.97	17.4	

Qualifiers: E Value above quantitation range H Holding times for preparation or analysis exceeded J Analyte detected below quantitation limits
 ND Not Detected at the Reporting Limit R RPD outside accepted recovery limits S Spike Recovery outside accepted recovery limits

CLIENT: Giant Refining Co
Work Order: 0603348
Project: Northeast OCD Landfarm 1st Qtr 2006

ANALYTICAL QC SUMMARY REPORT

TestCode: 8015GRO_S

Sample ID: MB-10098	SampType: MBLK	TestCode: 8015GRO_S	Units: mg/Kg	Prep Date: 3/31/2006	RunNo: 18842						
Client ID: ZZZZZ	Batch ID: 10098	TestNo: SW8015	(SW5035)	Analysis Date: 4/5/2006	SeqNo: 467547						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Gasoline Range Organics (GRO)	ND	5.0									

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Qualifiers:	E Value above quantitation range	H Holding times for preparation or analysis exceeded	J Analyte detected below quantitation limits
	ND Not Detected at the Reporting Limit	R RPD outside accepted recovery limits	S Spike Recovery outside accepted recovery limits

CLIENT: Giant Refining Co
 Work Order: 0603348
 Project: Northeast OCD Landfarm 1st Qtr 2006

ANALYTICAL QC SUMMARY REPORT

TestCode: 8021BTEX_S

Sample ID: MB-10098	SampType: MBLK	TestCode: 8021BTEX_S	Units: mg/Kg	Prep Date: 3/31/2006	RunNo: 18842						
Client ID: ZZZZZ	Batch ID: 10098	TestNo: SW8021	(SW5035)	Analysis Date: 4/5/2006	SeqNo: 467531						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Methyl tert-butyl ether (MTBE)	ND	0.10									
Benzene	ND	0.050									
Toluene	ND	0.050									
Ethylbenzene	ND	0.050									
Xylenes, Total	ND	0.050									

Sample ID: LCS-10098	SampType: LCS	TestCode: 8021BTEX_S	Units: mg/Kg	Prep Date: 3/31/2006	RunNo: 18842						
Client ID: ZZZZZ	Batch ID: 10098	TestNo: SW8021	(SW5035)	Analysis Date: 4/5/2006	SeqNo: 467532						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Methyl tert-butyl ether (MTBE)	0.4064	0.10	0.4	0	102	65	132				
Benzene	0.4721	0.050	0.452	0	104	85.6	116				
Toluene	1.859	0.050	1.62	0	115	82.4	120				
Ethylbenzene	0.4260	0.050	0.456	0	93.4	86.4	111				
Xylenes, Total	2.002	0.050	1.8	0	111	78.4	125				

Qualifiers: E Value above quantitation range H Holding times for preparation or analysis exceeded J Analyte detected below quantitation limits
 ND Not Detected at the Reporting Limit R RPD outside accepted recovery limits S Spike Recovery outside accepted recovery limits

Hall Environmental Analysis Laboratory

Sample Receipt Checklist

Client Name GIANTREFIN

Date and Time Received:

3/31/2006

Work Order Number 0603348

Received by AT

Checklist completed by

[Handwritten Signature]
Signature

Date

3/31/06

Matrix

Carrier name Client drop-off

- Shipping container/cooler in good condition? Yes No Not Present
- Custody seals intact on shipping container/cooler? Yes No Not Present Not Shipped
- Custody seals intact on sample bottles? Yes No N/A
- Chain of custody present? Yes No
- Chain of custody signed when relinquished and received? Yes No
- Chain of custody agrees with sample labels? Yes No
- Samples in proper container/bottle? Yes No
- Sample containers intact? Yes No
- Sufficient sample volume for indicated test? Yes No
- All samples received within holding time? Yes No
- Water - VOA vials have zero headspace? No VOA vials submitted Yes No
- Water - pH acceptable upon receipt? Yes No N/A

Container/Temp Blank temperature? 2° 4° C ± 2 Acceptable
If given sufficient time to cool.

COMMENTS:

Client contacted _____ Date contacted: _____ Person contacted _____

Contacted by: _____ Regarding _____

Comments: _____

Corrective Action _____

CHAIN-OF-CUSTODY RECORD

QA/QC Package:

Std Level 4

Other: _____

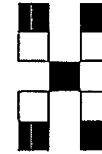
Client: *Giant Refining Company - Arizona*
 Address: *Route 3 Box 7 Gallup, NM 87301*

Project Name: *North east OCD Landfarm 1st Qtr. 2006*
 Project #: *0*

Project Manager: *Steve Morris*

Phone #: *505 722 3833*
 Fax #: *505 722 0210*

Sampler: *Steve Morris*
 Sample Temperature: *2*



HALL ENVIRONMENTAL ANALYSIS LABORATORY
 4901 Hawkins NE, Suite D
 Albuquerque, New Mexico 87109
 Tel. 505.345.9975 Fax 505.345.4107
 www.hallenvironmental.com

ANALYSIS REQUEST

Date	Time	Matrix	Sample I.D. No.	Number/Volume	Preservative		HEAL No.	BTEX + MTBE + TMB's (8021)	BTEX + MTBE + TPH (Gasoline Only)	TPH Method 8015B (Gas/Diesel)	TPH (Method 418.1)	EDB (Method 504.1)	EDC (Method 8021)	8310 (PNA or PAH)	RCRA 8 Metals	Anions (F, Cl, NO ₂ , NO ₃ , PO ₄ , SO ₄)	8081 Pesticides / PCB's (8082)	8260B (VOA)	8270 (Semi-VOA)	Air Bubbles or Headspace (Y or N)	
					HgCl ₂	HNO ₃															
<i>3-29-06</i>	<i>0930</i>	<i>Soil</i>	<i>NE Landfarm #54 - 1st Qtr.</i>	<i>2</i>			<i>0203348-1</i>	<i>X</i>	<i>X</i>												
<i>3-29-06</i>	<i>0945</i>	<i>Soil</i>	<i>NE Landfarm #137 - 1st Qtr.</i>	<i>2</i>			<i>-2</i>	<i>X</i>	<i>X</i>												

Date: *3/31/06* Time: *0910*
 Relinquished By: (Signature) *Steve Morris*

Received By: (Signature) *[Signature]* *3/31/06*
 Received By: (Signature) _____
0910

Remarks: _____