GW - 254

MONITORING REPORTS

DATE:
2005

PNM
Alvarado Square
Albuquerque, NM 87158-2104
505 241-2031
Fax 505 241-2376
www.pnm.com

A personal commitment to New Mexico

CERTIFIED MAIL
RETURN RECEIPT REQUESTED

July 8, 2005

Jack Ford, Environmental Bureau
Oil Conservation Division (OCD)
1220 South St. Francis Drive
Santa Fe, NM 87505

RE: OCD Discharge Plan GW-254
Public Service Company of New Mexico (PNM)
Animas Compressor Station
Facility Closure Request

Dear Mr. Ford:

In accordance with PNM's approved facility closure plan (see attached), EnviroTech Inc. collected soil samples from the PNM Animas Compressor Station on June 22, 2005. Animas Compressor Station is located in the SE/4 of Section 15, Township 29 North, Range 13 West, NMPM, in Farmington, San Juan County, NM.

These samples were analyzed for Total Petroleum Hydrocarbons (TPH), BTEX, and Chlorides. The analysis results confirmed that the soil is within the OCD standards for TPH, BTEX, and chlorides. Please see the attached laboratory analysis. Therefore, PNM requests approval for closure of PNM's Animas Compressor Station and termination of the OCD Discharge Plan GW-254.

Please feel free to call me at (505) 241-2016 if you have any questions or require further information about the Animas Compressor Station.

Sincerely,

Robin K. DeLapp

Robin K. DeLapp
Senior Environmental Scientist

Cc: Kevin Lawrence, PNM Gas Compression
Denny Foust, OCD Aztec Office
David Young, EnviroTech
ESD/DCC files

Attachments: PNM Work Plan dated 6/9/05
OCD Work Plan Approval dated 6/21/05
Laboratory Analysis Results

ENVIROTECH INC.
PRACTICAL SOLUTIONS FOR A BETTER TOMORROW

July 1, 2005 Client No. 03024-012

Ms. Robin DeLapp
PNM
Alvarado Square #2404
Albuquerque, New Mexico 87158

Phone (505) 241-2016
Fax (505) 241-2376

RE: SAMPLING AT THE ANIMAS COMPRESSOR STATION IN FARMINGTON, NEW MEXICO

Dear Ms. DeLapp:

This letter is to report the findings of soil sampling and analysis for Total Petroleum Hydrocarbons (TPH), BTEX, and chlorides at the PNM Animas Compressor Station in Farmington, New Mexico.

Envirotech was contacted by Ms. Robin DeLapp of PNM with a request for confirmation sampling and analysis of the soil under the previous location of a small storage tank. Envirotech personnel arrived on site at 7:50 AM to perform the sampling using a hand auger. Upon arrival, it was noted that the area of interest had been filled with soil and road base. Augering proceeded until a soil change was encountered at four (4) feet of depth and a discrete sample was collected. The sample was delivered to Envirotech Laboratories for TPH, BTEX, and chlorides analysis via USEPA Methods 8021 and 8015. The analysis results confirmed that the sample location is within New Mexico Oil Conservation Division standards for TPH, BTEX, and chlorides, ***see attached Laboratory Analysis reports.***

Envirotech Inc. at this time recommends no further action be taken at this time. We appreciate the opportunity to be of service. If you have any questions or require any additional information, please contact our office at (505) 632-0615.

Respectfully Submitted,
ENVIROTECH, INC.

David M. Young
Sr. Environmental Technician
dyoung@envirotech-inc.com

Reviewed By:

Morris D. Young
President
NMCES #098
dyoung@envirotech-inc.com

Cc: Client File No. 03024

DY/enviro/projects/non-pst/PNM/animas compressor station/Report.doc

ENVIROTECH LABS

PRACTICAL SOLUTIONS FOR A BETTER TOMORROW

EPA METHOD 8021
AROMATIC VOLATILE ORGANICS

Client:	PNM	Project #:	03024-012
Sample ID:	S - 1 4' deep	Date Reported:	06-24-05
Laboratory Number:	33419	Date Sampled:	06-22-05
Chain of Custody:	14209	Date Received:	06-22-05
Sample Matrix:	Soil	Date Analyzed:	06-24-05
Preservative:	Cool	Date Extracted:	06-23-05
Condition:	Cool & Intact	Analysis Requested:	BTEX

Parameter	Concentration (ug/Kg)	Det. Limit (ug/Kg)
Benzene	**ND**	**2.1**
Toluene	**5.1**	**1.8**
Ethylbenzene	**ND**	**1.7**
p,m-Xylene	**38.2**	**1.5**
o-Xylene	**5.1**	**2.2**
Total BTEX	**48.4**	

ND - Parameter not detected at the stated detection limit.

Surrogate Recoveries:	Parameter	Percent Recovery
	Fluorobenzene	**97.0 %**
	1,4-difluorobenzene	**97.0 %**
	Bromochlorobenzene	**97.0 %**

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

Method 8021B, Aromatic Volatile Organics, Test Methods for Evaluating Solid Waste, SW-846, USEPA, December 1996.

Comments: **Animas Compressor.**

Analyst

Review

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ENVIROTECH LABS

PRACTICAL SOLUTIONS FOR A BETTER TOMORROW

EPA METHOD 8021
AROMATIC VOLATILE ORGANICS

Client:	N/A	Project #:	N/A
Sample ID:	06-24-BTEX QA/QC	Date Reported:	06-24-05
Laboratory Number:	33419	Date Sampled:	N/A
Sample Matrix:	Soil	Date Received:	N/A
Preservative:	N/A	Date Analyzed:	06-24-05
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	2.3091E+007	2.3138E+007	**0.2%**	**ND**	**0.2**
Toluene	6.3740E+007	6.3868E+007	**0.2%**	**ND**	**0.2**
Ethylbenzene	4.9081E+007	4.9179E+007	**0.2%**	**ND**	**0.2**
p,m-Xylene	9.9128E+007	9.9327E+007	**0.2%**	**ND**	**0.2**
o-Xylene	5.0550E+007	5.0651E+007	**0.2%**	**ND**	**0.2**

Duplicate Conc. (ug/Kg)	Sample	Duplicate	%Diff.	Accept Range	Detect. Limit
Benzene	**ND**	**ND**	**0.0%**	**0 - 30%**	**2.0**
Toluene	**5.1**	**5.0**	**2.0%**	**0 - 30%**	**2.0**
Ethylbenzene	**ND**	**ND**	**0.0%**	**0 - 30%**	**2.0**
p,m-Xylene	**38.2**	**38.1**	**0.3%**	**0 - 30%**	**2.0**
o-Xylene	**5.1**	**5.0**	**2.0%**	**0 - 30%**	**2.0**

Spike Conc. (ug/Kg)	Sample	Amount Spiked	Spiked Sample	% Recovery	Accept Range
Benzene	**ND**	**50.0**	**49.9**	**99.8%**	**39 - 150**
Toluene	**5.1**	**50.0**	**55.0**	**99.8%**	**46 - 148**
Ethylbenzene	**ND**	**50.0**	**50.0**	**100.0%**	**32 - 160**
p,m-Xylene	**38.2**	**100**	**138**	**99.9%**	**46 - 148**
o-Xylene	**5.1**	**50.0**	**55.0**	**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 33419 - 33421, 33432 - 33438.**

Analyst

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PRACTICAL SOLUTIONS FOR A BETTER TOMORROW

EPA METHOD 8015 Modified
Nonhalogenated Volatile Organics
Total Petroleum Hydrocarbons

Client:	PNM	Project #:	03024-012
Sample ID:	S - 1 4' deep	Date Reported:	06-24-05
Laboratory Number:	33419	Date Sampled:	06-22-05
Chain of Custody No:	14209	Date Received:	06-22-05
Sample Matrix:	Soil	Date Extracted:	06-23-05
Preservative:	Cool	Date Analyzed:	06-24-05
Condition:	Cool and Intact	Analysis Requested:	8015 TPH

Parameter	Concentration (mg/Kg)	Det. Limit (mg/Kg)
Gasoline Range (C5 - C10)	**ND**	**0.2**
Diesel Range (C10 - C28)	**ND**	**0.1**
Total Petroleum Hydrocarbons	**ND**	**0.2**

ND - Parameter not detected at the stated detection limit.

References: Method 8015B, Nonhalogenated Volatile Organics, Test Methods for Evaluating Solid Waste, SW-846, USEPA, December 1996.

Comments: **Animas Compressor.**

Analyst

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ENVIROTECH LABS

PRACTICAL SOLUTIONS FOR A BETTER TOMORROW

EPA Method 8015 Modified
Nonhalogenated Volatile Organics
Total Petroleum Hydrocarbons

Quality Assurance Report

Client:	QA/QC	Project #:	N/A
Sample ID:	06-24-05 QA/QC	Date Reported:	06-24-05
Laboratory Number:	33419	Date Sampled:	N/A
Sample Matrix:	Methylene Chloride	Date Received:	N/A
Preservative:	N/A	Date Analyzed:	06-24-05
Condition:	N/A	Analysis Requested:	TPH

	I-Cal Date	I-Cal RF:	C-Cal RF:	% Difference	Accept. Range
Gasoline Range C5 - C10	02-04-05	9.9903E+002	1.0000E+003	**0.10%**	**0 - 15%**
Diesel Range C10 - C28	02-04-05	9.9780E+002	9.9980E+002	**0.20%**	**0 - 15%**

Blank Conc. (mg/L - mg/Kg)	Concentration	Detection Limit
Gasoline Range C5 - C10	**ND**	**0.2**
Diesel Range C10 - C28	**ND**	**0.1**
Total Petroleum Hydrocarbons	**ND**	**0.2**

Duplicate Conc. (mg/Kg)	Sample	Duplicate	% Difference	Accept. Range
Gasoline Range C5 - C10	**ND**	**ND**	**0.0%**	**0 - 30%**
Diesel Range C10 - C28	**ND**	**ND**	**0.0%**	**0 - 30%**

Spike Conc. (mg/Kg)	Sample	Spike Added	Spike Result	% Recovery	Accept. Range
Gasoline Range C5 - C10	**ND**	**250**	**250**	**100.0%**	**75 - 125%**
Diesel Range C10 - C28	**ND**	**250**	**250**	**100.0%**	**75 - 125%**

ND - Parameter not detected at the stated detection limit.

References: Method 8015B, Nonhalogenated Volatile Organics, Test Methods for Evaluating Solid Waste, SW-846, USEPA, December 1996.

Comments: **QA/QC for Samples 33419 - 33421, 33432 - 33438.**

Analyst

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ENVIROTECH LABS

PRACTICAL SOLUTIONS FOR A BETTER TOMORROW

Chloride

Client:	PNM	Project #:	03024-012
Sample ID:	S - 1 4' Deep	Date Reported:	06-24-05
Lab ID#:	33419	Date Sampled:	06-22-05
Sample Matrix:	Soil Extract	Date Received:	06-22-05
Preservative:	Cool	Date Analyzed:	06-24-05
Condition:	Cool and Intact	Chain of Custody:	;14209

Parameter	Concentration (mg/Kg)
Total Chloride	**13.4**

Reference: Standard Methods For The Examination of Water And Waste Water", 18th ed., 1992.

Comments: **Animas Compressor.**

Analyst

Review

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14209

CHAIN OF CUSTODY RECORD

Client / Project Name	Project Location	ANALYSIS / PARAMETERS
PNM	Animas Compressor	
Sampler: Dave	Client No. 03024-012	

Sample No./ Identification	Sample Date	Sample Time	Lab Number	Sample Matrix	No. of Containers	BTEX	TPH	Chlorides				Remarks
S-1 4' deep	6-22	8:00	33419	S	1	✓	✓	✓				

Relinquished by: (Signature)	Date	Time	Received by: (Signature)	Date	Time
Dave Young	6-22-05	17:00	Mary Boshaldt	6/22/05	1700
Relinquished by: (Signature)			Received by: (Signature)		
Relinquished by: (Signature)			Received by: (Signature)		

ENVIROTECH INC.

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Farmington, New Mexico 87401
(505) 632-0615

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