

3R - 346

**GENERAL
CORRESPONDENCE**

YEAR(S):

1993

GAS COMPANY OF NEW MEXICO

OIL CONSERVATION DIVISION
RECEIVED

May 24, 1993

'93 MAY 25 AM 8 57

Mr. William Olson
New Mexico Oil Conservation Division
P. O. Box 2088
Santa Fe, NM 87504-2088

Dear Mr. Olson:

The Gas Company of New Mexico has completed the bio-remediation of the West Kutz Compressor scrubber pit, located at Township 27N, Range 11W, Section 22, Unit Letter A. Please find enclosed, a copy of the soil analysis results for verification of the pit closure requirements.

The existing fenced scrubber pit is excavated to a 10 foot depth. Using a Flame Ionization Detector prior to sampling, I observed no detectable odor of hydrocarbons, no visual evidence of hydrocarbon staining, and found readings of 1 PPM. The composite sample was drawn from the four corners and the center of the pit, labeled #WK01. BTEX analysis shows .0287 PPM, TPH analysis shows 15.2 PPM.

A composite sample of the landfarm area was taken using a random sample of five zones. A drawing of the landfarm is included, indicating the 24, 10' x 11' zones each assigned a number. Using a random number generator on Lotus 1-2-3, zones 4, 8, 11, 15, and 23 were selected and a sample from the center of each zone was used to compile the composite sample. This sample is labeled #WK02 with a BTEX of .0306 PPM and a TPH of 27.6 PPM.

We would like to use the soil in the landfarm as backfill for the existing scrubber pit, remove the fencing, and re-contour and reseed the land with the appropriate seed mixture. This work will not begin until written notification from your office is received stating that the BTEX/TPH levels are acceptable.

Should you have any questions, please feel free to contact me at 632-4123.

Sincerely,

Mark McAndrews

Mark McAndrews
Environmental Coordinator/Prod. Tech.

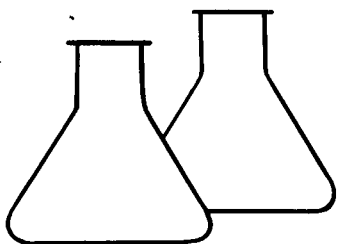
cc: J. D. Barnett
Tom McMillen
Jon Jones
Joseph Pruitt
Erick Seelinger
Mr. Denny Foust-Deputy Oil and Gas Inspector, Aztec
File

EXISTING SCRUBBER

PIT INSIDE FENCE.

WEST KUTZ
COMPRESSOR
FENCE

6	7	18	19
5	8	17	20
4	9	16	21
3	10	15	22
2	11	14	23
1	12	13	24



ENVIROTECH LABS

5796 US HIGHWAY 64-3014 • FARMINGTON, NEW MEXICO 87401
PHONE: (505) 632-0615 • FAX: (505) 632-1865

EPA METHOD 8020 AROMATIC VOLATILE ORGANICS

Client:	Gas Co. of NM	Project #:	92236
Sample ID:	# WK01	Date Reported:	05-18-93
Laboratory Number:	5205	Date Sampled:	05-12-93
Sample Matrix:	Soil	Date Received:	05-12-93
Preservative:	Cool	Date Extracted:	05-14-93
Condition:	Cool & Intact	Date Analyzed:	05-17-93
		Analysis Requested:	BTEX

Parameter	Concentration (ug/Kg)	Det. Limit (ug/Kg)
Benzene	ND	12.7
Toluene	28.7	25
Ethylbenzene	ND	19.0
p,m-Xylene	ND	44
o-Xylene	ND	38.1

SURROGATE RECOVERIES:	Parameter	Percent Recovery
	Trifluorotoluene	113 %
	Bromofluorobenzene	104 %

Method: Method 5030, Purge-and-Trap, Test Methods for
Evaluating Solid Waste, SW-846, USEPA, Sept. 1986.

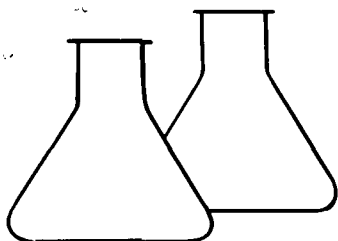
Method 8020, Aromatic Volatile Organics, Test Methods
for Evaluating Solid Waste, SW-846, USEPA, Sept. 1986.

ND - Parameter not detected at the stated detection limit.

Comments: West Kutz & Los Mestenos.

Ar Chahar
Analyst

Maxis D. Young
Review



ENVIROTECH LABS

5796 US HIGHWAY 64-3014 • FARMINGTON, NEW MEXICO 87401
PHONE: (505) 632-0615 • FAX: (505) 632-1865

MODIFIED EPA METHOD 8015 NONHALOGENATED VOLATILE ORGANICS

Client:	Gas Co. of NM	Project #:	92236
Sample ID:	# WK 01	Date Reported:	05-13-93
Laboratory Number:	5205	Date Sampled:	05-12-93
Sample Matrix:	Soil	Date Received:	05-12-93
Preservative:	Cool	Date Analyzed:	05-13-93
Condition:	Cool and Intact	Analysis Requested:	TPH

Parameter	Concentration (mg/Kg)	Det. Limit (mg/Kg)
Gasoline Range (C5 - C10)	4.5	0.1
Diesel Range (C10 - C28)	10.8	0.1
C28 - C36 Range	ND	0.1
Total Petroleum Hydrocarbons	15.2	0.1

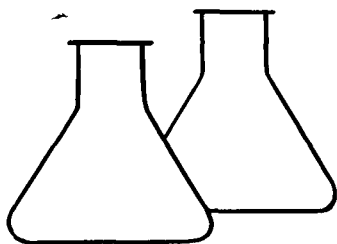
Method: Method 8015, Nonhalogenated Volatile Organics,
Test Methods for Evaluating Solid Waste, SW-846, USEPA,
Sept. 1986

ND - Parameter not detected at the stated detection limit.

Comments: West Kutz & Los Mestenos

Dennis L. Gerner
Analyst

Morris D. Young
Review



ENVIROTECH LABS

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EPA METHOD 8020 AROMATIC VOLATILE ORGANICS

Client:	Gas Co. of NM	Project #:	92236
Sample ID:	# WK02	Date Reported:	05-18-93
Laboratory Number:	5206	Date Sampled:	05-12-93
Sample Matrix:	Soil	Date Received:	05-12-93
Preservative:	Cool	Date Extracted:	05-14-93
Condition:	Cool & Intact	Date Analyzed:	05-17-93
		Analysis Requested:	BTEX

Parameter	Concentration (ug/Kg)	Det. Limit (ug/Kg)
Benzene	ND	13.0
Toluene	30.6	26
Ethylbenzene	ND	19.5
p,m-Xylene	ND	46
o-Xylene	ND	39.1

SURROGATE RECOVERIES:	Parameter	Percent Recovery
	Trifluorotoluene	108 %
	Bromofluorobenzene	103 %

Method: Method 5030, Purge-and-Trap, Test Methods for
Evaluating Solid Waste, SW-846, USEPA, Sept. 1986.

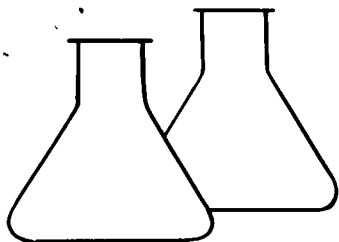
Method 8020, Aromatic Volatile Organics, Test Methods
for Evaluating Solid Waste, SW-846, USEPA, Sept. 1986.

ND - Parameter not detected at the stated detection limit.

Comments: West Kutz & Los Mestenos.

A. Chahar
Analyst

Maris D. Young
Review



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MODIFIED EPA METHOD 8015 NONHALOGENATED VOLATILE ORGANICS

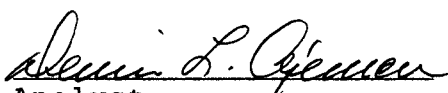
Client:	Gas Co. of NM	Project #:	92236
Sample ID:	# WK 02	Date Reported:	05-13-93
Laboratory Number:	5206	Date Sampled:	05-12-93
Sample Matrix:	Soil	Date Received:	05-12-93
Preservative:	Cool	Date Analyzed:	05-13-93
Condition:	Cool and Intact	Analysis Requested:	TPH

Parameter	Concentration (mg/Kg)	Det. Limit (mg/Kg)
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Gasoline Range (C5 - C10)	10.3	0.1
Diesel Range (C10 - C28)	17.4	0.1
C28 - C36 Range	ND	0.1
Total Petroleum Hydrocarbons	27.6	0.1

Method: Method 8015, Nonhalogenated Volatile Organics,
Test Methods for Evaluating Solid Waste, SW-846, USEPA,
Sept. 1986

ND - Parameter not detected at the stated detection limit.

Comments: West Kutz & Los Mestenos


Analyst


Review