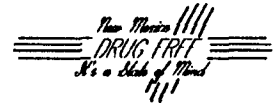


3R - 280

**GENERAL
CORRESPONDENCE**

YEAR(S):

1992



STATE OF NEW MEXICO

ENERGY, MINERALS and NATURAL RESOURCES DEPARTMENT

OIL CONSERVATION DIVISION

AZTEC DISTRICT OFFICE

92 FEB 17 AM 9 44

BRUCE KING
GOVERNOR

ANITA LOCKWOOD
CABINET SECRETARY

MATTHEW BACA
DEPUTY SECRETARY

1000 RIO BRAZOS ROAD
AZTEC, NEW MEXICO 87410
(505) 334-6178

February 14, 1992

Meridian Oil Inc.
Attn. Derin Warren
P.O. Box 4289
Farmington, NM 87499-4289

RE: Remediation Contaminated Soil Meridian Federal A 2E, E-25-30N-13W

Dear Mr. Warren:

The Oil Conservation Division accepts for record the data submitted on Meridian A 2E remediated soils from Anachem Inc. The data presented were obtained using EPA method 8260, SW-846 and 418.1. These sample results fall within acceptable parameters; Meridian is authorized to dispose of the remediated material on location.

Please be advised this approval does not relieve you of liability should your operation result in actual pollution of surface or ground waters which may be actionable under other laws and/or regulations.

Yours truly,

Denny G. Foust
Environmental Geologist

XC: OCD Environmental Bureau
Environmental File
DGF File

DGF\sh

MERIDIAN OIL

OIL CONSERVATION
DIVISION
FEB 6 1992
AM 9 12

Roger - UST Production
Tank had leak in
Farmington City Limits

February 4, 1992

New Mexico Oil Conservation Division
1000 Rio Brazos Road
Aztec, New Mexico 87410
Attn: Denny Foust

Dear Mr. Foust:

As per our telephone conversation this morning, please find attached the most recent analysis for hydrocarbon content of the excavated soil at the Meridian Federal A 2E well location. This soil was excavated during the remediation of the tank leak at the Federal A2E in November, 1991. The soil has been monitored per OCD request for BTEX, TPH, and benzene.

The attached test results indicate the hydrocarbon concentrations in the soil meet OCD guidelines for removal of the soil from the liner. As we discussed by telephone, the soil will be spread on site at our earliest convenience.

Written approval from your office for removal of the soil from the liner would be very much appreciated. Thank you for the constructive assistance offered by yourself and Mr. Busch during the course of this project.

Cordially,


Derin Warren
Environmental Representative

RECEIVED
FEB 6 1992
OIL CON. DIV.
DIST. 3

Attachments

xc: Jim Fraser
Kelly Maxwell

DRW/vka:106

**ANACHEM INC.**

8 Prestige Circle, Suite 104 • Allen, Texas 75002
214/727-9003 • FAX # 214/727-9686 • 1-800-968-1166

REPORT OF: Soil Analysis

February 3, 1992

CUSTOMER'S NAME: Meridian Oil Production SAMPLE LOG: 32701

CUSTOMER'S ID: N/A

MATRIX: Solid

DATE RECEIVED: 1/28/92

DATE ANALYZED: 1/30-2/3/92

SAMPLES: The samples consisted of 6 glass jars containing solids identified as soil and labeled as samples: MOI-003 through MOI-008. Sample jar MOI-008 was broken in shipment.

TESTS: Each sample was analyzed for Benzene, Toluene, Ethyl Benzene and Xylenes by GC/MS using the capillary column technique of EPA method 8240 (named EPA method 8260, SW-846, Nov 1991).

Each sample was also analyzed for Total Petroleum Hydrocarbons using EPA method 410.1.

Standards utilized in these analyses are:

8250: Benzene, Toluene, Xylenes, & Ethyl Benzene: Benzene-d6, Toluene-d8, Ortho Xylene-d10, Meta-Xylene-d10, Ethyl Benzene-d10 are used as internal standards.
410.1: n-hexadecane, isooctane, chlorobenzene

Recommended maximum holding times for these analyses are:

BTEX: 14 Days (Soil &/or Water)
TPH: 28 Days (Soil &/or Water)

RESULTS: See attached data table for results.

RECEIVED
FEB 6 1992
OIL CON. DIV.
DIST. 3

DISTRIBUTION OF REPORTS:
2-Meridian Oil Production, Inc.
Attn: Derin Warren

RESPECTFULLY SUBMITTED,

James D. Lynch
ANACHEM, INCORPORATED
James D. Lynch, PhD
Chemist

James D. Lynch
for Hugh L. Waldrum
President

LAB NUMBER: 32701 vle

NOTE: Submitted material will be retained for 90 days unless notified or consumed in analysis.

Our letters and reports are for the exclusive use of the client to whom they are addressed. The use of our name must receive our prior written approval. Our letters and reports apply to the sample tested and/or inspected, and are not necessarily indicative of the qualities of apparently identical or similar materials.

Report To: Meridian Oil Production
Lab Number: 32701
Page #2

RESULTS: BTEX and TPH results are reported in parts per million (ppm) in soil.

QUALITY CONTROL DATA

	Value 1	Value 2	% Var.
TPH:	31.0	31.9	2.8
BENZENE:	48.4	48.7	0.62
CONCENTRATION UNITS:	BTEX - ppm	TPH - ppm	
DETECTION LIMITS:	BTEX - <0.1	TPH - <10	

<u>ANALYST</u>	<u>ANALYTE</u>	<u>DATE EXT</u>	<u>DATE ANAL</u>
James D. Lynch	BTEX	1/30/92	1/30/92
Gregory R. Denton	TPH	2/3/92	2/3/92

SAMPLE RESULTS

<u>SAMPLE I.D.</u>	<u>BENZENE</u>	<u>TOLUENE</u>	<u>ETHYL BENZENE</u>	<u>XYLENES</u>	<u>TPH</u>
MOI-003	<0.1	<0.1	<0.1	<0.1	45
MOI-004	<0.1	<0.1	<0.1	<0.1	31
MOI-005	<0.1	<0.1	<0.1	<0.1	14
MOI-006	<0.1	<0.1	<0.1	<0.1	<10
MOI-007	<0.1	<0.1	<0.1	<0.1	21
MOI-008	<0.1	<0.1	<0.1	<0.1	31
Blank	<0.01	<0.01	<0.01	<0.01	<10